

**K & P DEAN  
DISTRIBUTORS**



**WE ARE PROUD TO PRESENT THE FIRST  
ISG INDUSTRIAL CATALOGUE**

K&P Dean  
Profile

ISG  
Profile

Welding Equip  
& Consumables

Fasteners

Lubrication Equip  
& Lubricants

Hardware, Building  
& Construction

Metrology  
(Precision Measuring)

Packaging  
& Tapes

Adhesives  
Sealants & Filters

Janitorial &  
Cleaning

Electrical &  
Accessories

Hose &  
Fittings

Clothing &  
Footwear

Abrasives

Hand  
Tools

Cutting  
Tools

Power  
Tools

Machinery &  
Workshop Equip

Airtools & Equip  
(Compressors)

Safety &  
Protection Equip

Lifting &  
Material Handling



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● Member Locations

*Dear Consumer,*

*We are proud to present this general industrial catalogue of products supplied by our members. It may not represent all of the companies and product held in stock by each member of ISG. Therefore some products may not be available at all ISG member's locations or may have been substituted or withdrawn.*

*You may purchase products in the catalogue from ISG members and subject to their terms and conditions of supply. Such supply is beyond ISG's control and we will not be responsible to you or any third parties in connection with the sale or supply of products purchased in any way. In addition, you must satisfy yourself that a particular product is fit for your intended purpose.*

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**Industrial Supply Group Pty Limited (ISG)**

ACN 055 790 282

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[www.isgaus.com.au](http://www.isgaus.com.au)

Price: \$135.00 (inc. GST)

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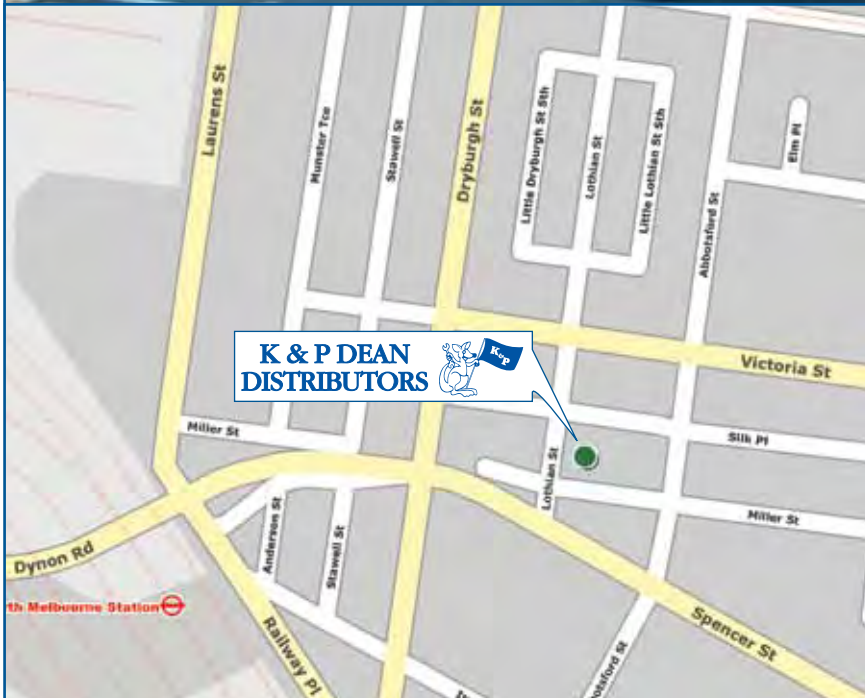
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[www.pmplimited.com.au](http://www.pmplimited.com.au)





## K & P Dean Distributors

104 Miller Street, West Melbourne,  
Victoria 3003

Phone: 03 9328 1977

Fax: 03 9326 5496

Email: [kpdean@ozemail.com.au](mailto:kpdean@ozemail.com.au)





## K & P Dean has built it's success on

Fast, efficient, and friendly service that exceeds customer expectations has always been the mission statement of K & P Dean Distributors. In business since 1971 Mr Ken Dean established K & P Dean Distributors in 1984. Reflecting his innovative vision and dynamic work ethic, the business has evolved into one of the leading industrial supply firms in Melbourne. Recognising the advantages that a national structure could offer, K & P Dean became a founding member of the Industrial Supply Group (ISG) in 1992. This guaranteed increased buying power, a vast product range, improved pricing and shorter lead times for orders, raising customer service levels to new heights.

With over 35 years of experience, and many long serving employees, the company boasts a depth of specialised knowledge and customer support services rarely seen in any one industry. Centrally located within the Melbourne CBD they offer a fleet of in-house service vehicles for fast, same day or 24 hour delivery, ensuring your business remains constant. We would like to take this opportunity to thank our valued customers for their continued loyalty and support over the past 25 years, and look forward to a bright and exciting future growing together.

## Company focus

- Total compliance to the latest OH & S legislative requirements, codes of practice and where applicable Australian standards.
- Identifying and reducing injury risks within the workplace
- Ensuring relevant work place hazard information is easily accessible and relayed to all Employees and Contractors
- Deliver ongoing specialised training and education for duties performed
- Maintain in depth investigation into causes and implement actions to minimise the risk of future accident occurrence
- Routinely review and monitor safety performances
- Actively involve both employees and contractors in all safety matters
- Ensure sufficient resources are available to achieve the above company policies and procedures

## Company objectives

Our primary objective is to achieve total customer satisfaction in all areas of our business, by offering extremely competitive pricing, elite customer service and professional reliable product distribution.





## Occupational health and safety policy

K & P Dean are committed to maintaining a safe working environment for all employees, contractors and the general public by ensuring all required procedures are in place and rigidly implemented, creating a safe and enlightened workplace. We stand by the tried and true motto – ‘prevention is better than cure’.

## Environmental policy

Our aim is to work together with authorities to comply with all legislation regulations and community standards, in relation to improving our environment.

Some of the problems being tackled are the efficient use of energy and resources, plus ongoing compliance of recycling, waste minimisation and hazardous materials which are also part of the focus. We aim to provide current information and training to ensure all employees and contractors are aware of our goals, plus constantly updated and highlighted are pollution prevention and emergency response procedures. Regular board reviews will also be conducted and when needed will initiate corrective actions if necessary. We feel that these procedures will go a long way to improving environmental management and therefore overall environmental performance.





# OUR MEMBERS

## VICTORIA

### Geelong Fasteners Pty Ltd - Geelong



8 Edols Place,  
NORTH GEELONG VIC 3215  
**Ph:** (03) 5278 9888  
**Fax:** (03) 5277 9393  
**Email:** orders@geelongfasteners.com.au

### Portland Fasteners - Portland



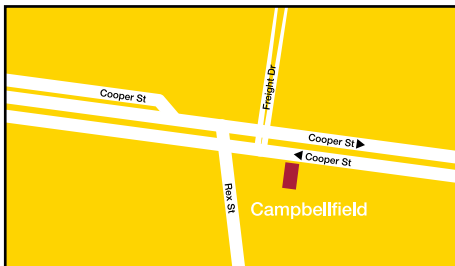
24 Fern Street,  
PORTLAND VIC 3305  
**Ph:** (03) 5523 5933  
**Fax:** (03) 5521 7733  
**Email:** portland@geelongfasteners.com.au

### K & P Dean Distributors - West Melbourne



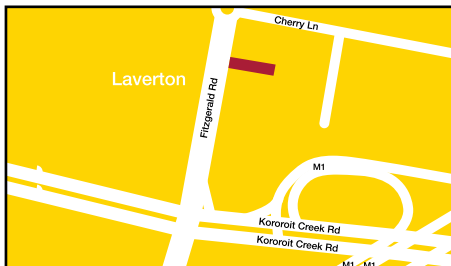
104 Miller Street,  
WEST MELBOURNE VIC 3003  
**Ph:** (03) 9328 1977  
**Fax:** (03) 9326 5496  
**Email:** kpdean@ozemail.com.au

### Express Industrial Supplies P/L - Campbellfield



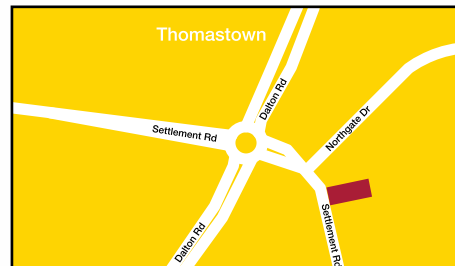
37 Cooper Street,  
CAMPBELLFIELD VIC 3061  
**Ph:** (03) 9305 4554  
**Fax:** (03) 9305 4740  
**Email:** campbellfield@eisonline.com.au  
**Website:** www.eisonline.com.au

### Express Industrial Supplies P/L - Laverton



14 Fitzgerald Road,  
LAVERTON VIC 3026  
**Ph:** (03) 9369 8808  
**Fax:** (03) 9369 8807  
**Email:** laverton@eisonline.com.au  
**Website:** www.eisonline.com.au

### Express Industrial Supplies P/L - Thomastown



1/292 Settlement Road,  
THOMASTOWN VIC 3074  
**Ph:** (03) 9466 3444  
**Fax:** (03) 9465 0392  
**Email:** thomastown@eisonline.com.au  
**Website:** www.eisonline.com.au

### Waughs Industrial Supplies - Bendigo



2F Thistle Street,  
BENDIGO VIC 3550  
**Ph:** (03) 5441 4411  
**Fax:** (03) 5441 6400  
**Email:** bendigo@waughs.com.au  
**Website:** www.waughs.com.au

### Waughs Industrial Supplies - Bayswater



17 Malvern Street,  
BAYSWATER VIC 3153  
**Ph:** (03) 9720 1788  
**Fax:** (03) 9729 4404  
**Email:** sales@waughs.com.au  
**Website:** www.waughs.com.au

### Mildura Welding & Gas Sales - Mildura



518 Benetook Avenue,  
MILDURA VIC 3500  
**Ph:** (03) 5023 0107  
**Fax:** (03) 5021 3122  
**Email:** email@australiawelding.com.au  
**Website:** www.australiawelding.com.au





# OUR MEMBERS

## NEW SOUTH WALES

### Baker & Farrow Pty Ltd - Newcastle



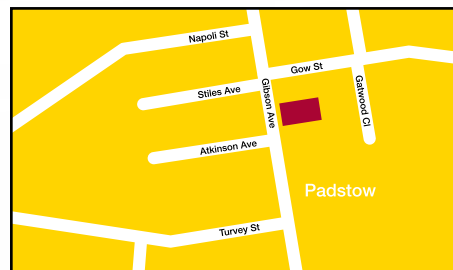
5 Guernsey Street,  
SANDGATE NSW 2304  
**Ph:** (02) 4960 1222  
**Fax:** (02) 4960 1333  
**Email:** sales@bakfar.com.au  
**Website:** www.bakfar.com.au

### Continental Eagle - Narrabri



8 Francis Street,  
NARRABRI NSW 2390  
**Ph:** (02) 6792 4533  
**Fax:** (02) 6792 4534  
**Email:** sales@continentaleagle.com.au  
**Website:** www.continentaleagle.com.au

### Express Industrial Supplies P/L - Padstow



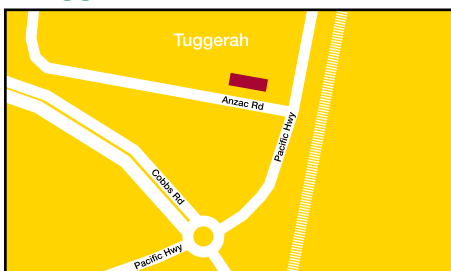
50 Gibson Avenue,  
PADSTOW NSW 2211  
**Ph:** (02) 8707 7000  
**Fax:** (02) 9773 4659  
**Email:** sales@eisonline.com.au  
**Website:** www.eisonline.com.au

### H & G Industrial Supplies - Brookvale



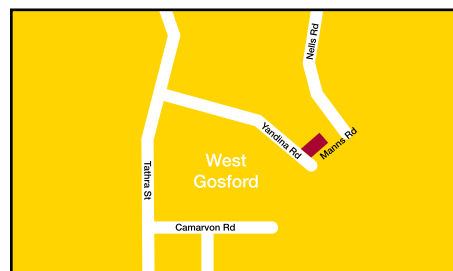
38 Winbourne Road,  
BROOKVALE NSW 2100  
**Ph:** (02) 8456 1188  
**Fax:** (02) 8456 1281  
**Email:** bvindustrialmgr@hg.com.au  
**Website:** www.hg.com.au

### Express Industrial Supplies P/L - Tuggerah



3/1 Anzac Road,  
TUGGERAH NSW 2259  
**Ph:** (02) 4351 1850  
**Fax:** (02) 4351 1856  
**Email:** tuggerah@eisonline.com.au  
**Website:** www.eisonline.com.au

### Express Industrial Supplies P/L - West Gosford



Cnr Manns & Yandina Roads,  
WEST GOSFORD NSW 2250  
**Ph:** (02) 4324 1055  
**Fax:** (02) 4325 1338  
**Email:** gosford@eisonline.com.au  
**Website:** www.eisonline.com.au

## TASMANIA

### Riverina Wholesale Traders - Wagga Wagga



138-140 Hammond Avenue,  
WAGGA WAGGA NSW 2650  
**Ph:** (02) 6921 3139  
**Fax:** (02) 6921 3466  
**Email:** sales@riverinawholesale.com.au

### Precision Tool & Welding Supply Centre - Devonport



33 Wenvoe Street,  
DEVONPORT TAS 7310  
**Ph:** (03) 6424 6699  
**Fax:** (03) 6424 9671  
**Email:** info@prectool.com.au

### Prime Industrial Supplies - Hobart



40 Mornington Road,  
HOBART TAS 7018  
**Ph:** (03) 6244 1746  
**Fax:** (03) 6244 1739  
**Email:** sales@primeindustrialsupplies.com.au  
**Website:** www.primeindustrialsupplies.com.au





# OUR MEMBERS

## WESTERN AUSTRALIA

### Heatley Head Office - Canning Vale



50 Vinnicombe Drive,  
CANNING VALE WA 6155  
**Ph:** (08) 9256 5200  
**Fax:** (08) 9256 5222  
**Email:** sales@heatleys.com.au  
**Website:** www.heatleys.com.au

### Heatley - Bassendean



Unit 1/16 Dyer Road,  
BASSENDEAN WA 6054  
**Ph:** (08) 6363 7373  
**Fax:** (08) 6363 7374  
**Email:** basso@heatleys.com.au  
**Website:** www.heatleys.com.au

### Heatley - Bunbury



53 McCombe Road,  
BUNBURY WA 6230  
**Ph:** (08) 9725 4272  
**Fax:** (08) 9725 4658  
**Email:** bunno@heatleys.com.au  
**Website:** www.heatleys.com.au

### Heatley - Kalgoorlie



149 Boulder Rd,  
KALGOORLIE WA 6430  
**Ph:** (08) 9091 0900  
**Fax:** (08) 9091 0999  
**Email:** kal@heatleys.com.au  
**Website:** www.heatleys.com.au

### Heatley - Karratha



12 Crane Circle,  
KARRATHA WA 6714  
**Ph:** (08) 9143 1244  
**Fax:** (08) 9143 1343  
**Email:** karratha@heatleys.com.au  
**Website:** www.heatleys.com.au

### Heatley - Kwinana



17 Mandurah Road,  
KWINANA WA 6167  
**Ph:** (08) 9439 2211  
**Fax:** (08) 9439 2440  
**Email:** kwinana@heatleys.com.au  
**Website:** www.heatleys.com.au

### Heatley - Malaga



Unit 6, 2 Mulgool Road,  
MALAGA WA 6090  
**Ph:** (08) 9209 6300  
**Fax:** (08) 9248 2977  
**Email:** malaga@heatleys.com.au  
**Website:** www.heatleys.com.au

### Trade West Pty Ltd - Welshpool



228 Planet Street  
WELSHPOOL WA 6106  
**Ph:** (08) 9361 7144  
**Fax:** (08) 9361 7155  
**Email:** tradewest@tradewest.com.au  
**Website:** www.tradewest.com.au

### Totalweld - Palmerston



23 McCourt Road,  
PALMERSTON NT 0830  
**Ph:** (08) 8932 4669  
**Fax:** (08) 8932 4229  
**Email:** sales@totalweld.com.au

## NORTHERN TERRITORY





# OUR MEMBERS

## SOUTH AUSTRALIA

### Collins Industrial Distributors - Welland



92 Grange Road,  
WELLAND SA 5007  
**Ph:** (08) 8340 1550  
**Fax:** (08) 8340 1498  
**Email:** sales@collinsid.com.au  
**Website:** www.collinsid.com.au

### Eyre Trading Company - Port Lincoln



45 Edinburgh Street,  
PORT LINCOLN SA 5606  
**Ph:** (08) 8682 1266  
**Fax:** (08) 8682 4042  
**Email:** danny@eyretrading.com.au

### Heatley - Wingfield



8 Lafitte Rd,  
WINGFIELD SA 5013  
**Ph:** (08) 7221 7221  
**Fax:** (08) 7221 7222  
**Email:** salesa@heatleys.com.au  
**Website:** www.heatleys.com.au

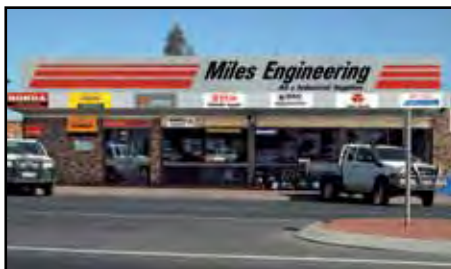
## QUEENSLAND

### McGinns Engineering Supplies - Mackay



22-26 Wellington Street,  
MACKAY QLD 4740  
**Ph:** (07) 4957 2261  
**Fax:** (07) 4951 3954  
**Email:** mcginns@mcginns.com.au  
**Website:** www.mcginns.com.au

### Miles Engineering - Miles



28 - 46 Murilla Street ,  
MILES QLD 4415  
**Ph:** (07) 4627 1488  
**Fax:** (07) 4627 1205  
**Email:** sales@milesengineering.com.au  
**Website:** www.milesengineering.com.au

### Wilson's Industrial Sales - Bundaberg



Cnr Quay & Walla Streets,  
BUNDABERG QLD 4670  
**Ph:** (07) 4151 2533  
**Fax:** (07) 4152 2847  
**Email:** sales@wilsonindustrial.com.au

### Desco Workplace Supplies - Darra



Unit 3, 23 Perivale Street  
DARRA QLD 4076  
**Ph:** (07) 3376 9333  
**Fax:** (07) 3376 9133  
**Email:** info@desco.net.au  
**Website:** www.desco.net.au

### IBS Engineering Supplies - Innisfail



31-33 Palmerston Drive,  
INNISFAIL QLD 4860  
**Ph:** (07) 4043 8320  
**Fax:** (07) 4043 8386  
**Email:** admin@ibsonline.com.au  
**Website:** www.ibsonline.com.au

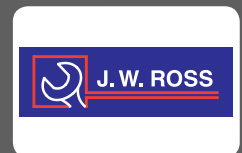
### Outback Spares - Charleville



127 Alfred Street,  
CHARLEVILLE QLD 4470  
**Ph:** (07) 4654 2355  
**Fax:** (07) 4654 2501  
**Email:** starpicket@bigpond.com



# OUR SUPPLIERS





# OUR SUPPLIERS





# ISG PRESENTATION

**We are pleased to take this opportunity to present to you on behalf of the Directors, Members and the ISG Staff our first edition of the Industrial Supply Group Industrial Product Catalogue.**

This undertaking would not have been possible without the support of the ISG Accredited Suppliers supporting the Members and this office over the years.

The Industrial Supply Group was formed in April of 1992 and consisted of four of the strongest independent engineering supply companies in Victoria.

The common link between these four companies was that they were all privately owned, service orientated, hands on companies operating in non conflicting territories, who were finding it increasingly difficult to maintain their competitiveness, a task made difficult by the much larger national distributors.

Through the formation of the Industrial Supply Group, its members could better their position with suppliers by combining their purchases to negotiate trading agreements, advertising, and attending ISG conferences so as to gain higher profile and profitability for their respective companies.

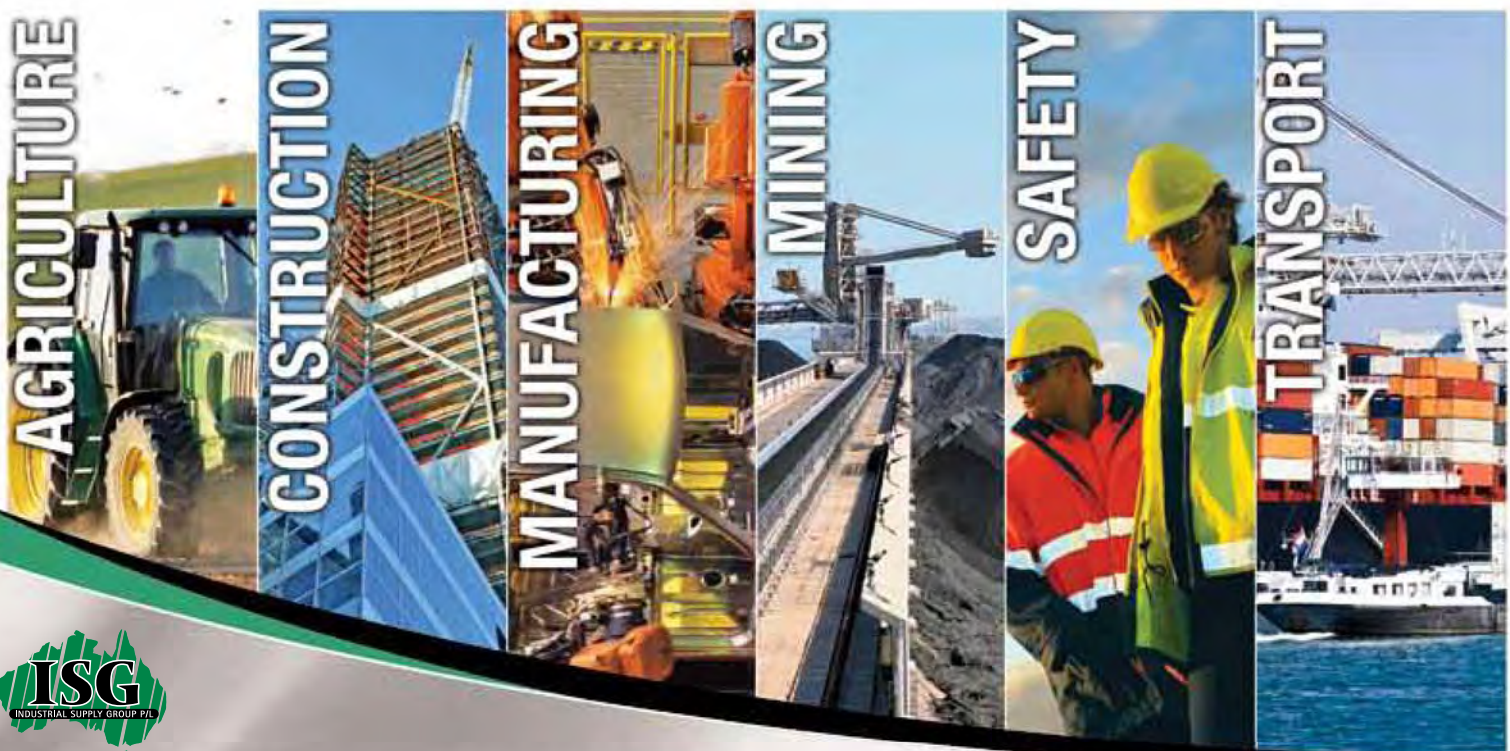
The ISG office is dedicated to the continuing expansion of the group both in membership and the ISG group's supply base.

The ISG membership has expanded to 22 members with 36 stores (some members having more than one store) – see branches within this catalogue.

Since the Industrial Supply Group was formed in 1992 and the introduction of the first two page catalogue with the continued support of the Suppliers the catalogue now averages 48 pages available to end users.

In 2004 we introduced the ISG website [www.isgaus.com.au](http://www.isgaus.com.au). Commitment and improvements are ongoing and now with the introduction of the first Industrial Product Catalogue we have an ongoing commitment to both member and supplier.

**Directors / Members / ISG Office**  
**Industrial Supply Group**





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# ABRASIVES



## ABRASIVE - RESTORER STICK

**NORTON**

### Abrasive Restorer Stick

- Clean and restore sanding belts and discs.
- Extend life to power sanding belts and discs.
- 30 x 40 x 220mm - each stick barcoded

Part Number: **AM277274**

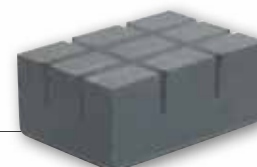


## BBQ CLEANING BLOCK

**NORTON**

### BBQ Plate Cleaning Brick

- For cleaning and scouring metal cooking plates  
- faster, easier, cleaner than wire brush or steel wool.



Part Number	Cat	Grit	Thick mm	Width mm	Length mm
<b>BE205737</b>	GB20C	Fine	30	50	113



# ABRASIVES

## ABRASIVES - BELTS



### Alox Belts

- Economical, tough aluminium oxide sanding belts for general purpose applications.

Part Number	Description	Size mm
75436181	KK511X 50 x 914 24 grit	50 x 914
75436182	KK511X 50 x 914 36 grit	50 x 914
75436183	KK511X 50 x 914 40 grit	50 x 914
75436184	KK511X 50 x 914 60 grit	50 x 914
75436185	KK511X 50 x 914 80 grit	50 x 914
75436186	KK511X 50 x 914 100 grit	50 x 914
75436187	KK511X 50 x 914 120 grit	50 x 914
75436188	KK511X 50 x 914 150 grit	50 x 914
75436189	KK511X 50 x 914 180 grit	50 x 914
75436190	KK511X 50 x 914 240 grit	50 x 914
75436191	KK511X 50 x 1220 24 grit	50 x 1220
75436192	KK511X 50 x 1220 36 grit	50 x 1220
75436193	KK511X 50 x 1220 40 grit	50 x 1220
75436194	KK511X 50 x 1220 60 grit	50 x 1220
75436195	KK511X 50 x 1220 80 grit	50 x 1220
75436196	KK511X 50 x 1220 100 grit	50 x 1220
75436197	KK511X 50 x 1220 120 grit	50 x 1220
75436199	KK511X 50 x 1220 180 grit	50 x 1220
75436200	KK511X 50 x 1220 240 grit	50 x 1220

Note: A full range of Coated Materials and Belt Sizes are available from Pferd.



## BELTS - BLAZE - CLOTH



### Cloth Backed Powerfile Belts

- Next generation of SG ceramic grain for metal fabrication.
- Cool and fast cutting Norton SG.
- Engineered for all market materials, stainless steel, cobalt, chrome, mild and carbon steel, inconel, titanium and other hard to grind materials.
- High-performance products that lower your TOTAL GRINDING cost.

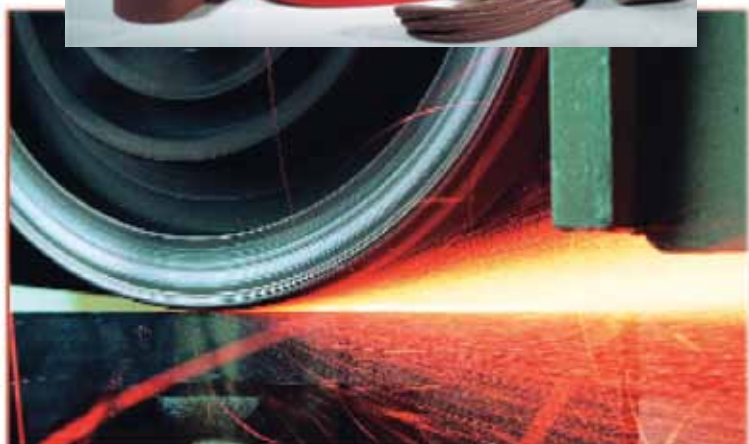
Part Number	Size mm	Grade	Grit Size
30010	10 x 330	R980	C40Y
30011	10 x 330	R980	C60Y
30012	10 x 330	R980	C80Y
30013	12 x 330	R980	C40Y
30014	12 x 330	R980	C60Y
30015	12 x 330	R980	C80Y
98018	12 x 305	R980	C40Y
98019	12 x 305	R980	C60Y
98020	12 x 305	R980	C80Y
98021	12 x 457	R980	C40Y
98022	12 x 457	R980	C60Y
98023	12 x 457	R980	C80Y
98024	12 x 610	R980	C40Y
98025	12 x 610	R980	C60Y
98026	12 x 610	R980	C80Y
98027	20 x 457	R980	C40Y
98028	20 x 457	R980	C60Y
98029	20 x 457	R980	C80Y
98030	20 x 520	R980	C40Y
98031	20 x 520	R980	C60Y
98032	20 x 520	R980	C80Y



### SG BLAZE Cloth Belts

Part Number	Size mm	Grade	Grit Size
CF399639	30 x 533	R980	C40
CF399647	30 x 533	R980	C60
CF399655	30 x 533	R980	C80
CF399469	50 x 914	R980	C36
CF399477	50 x 914	R980	C40
CF399485	50 x 914	R980	C60
CF399493	50 x 914	R980	C80
CF399507	50 x 1220	R980	C36
CF399515	50 x 1220	R980	C40
CF399523	50 x 1220	R980	C60
CF399531	50 x 1220	R980	C80
CF399663	50 x 1520	R980	C36
CF399671	50 x 1520	R980	C40
CF399698	50 x 1520	R980	C60
CF399701	50 x 1520	R980	C80
CF399590	75 x 2000	R980	C36
CF399604	75 x 2000	R980	C40
CF399612	75 x 2000	R980	C60
CF399620	75 x 2000	R980	C80
CF399728	100 x 914	R980	C36
CF399736	100 x 914	R980	C40
CF399744	100 x 914	R980	C60
CF399752	100 x 914	R980	C80
CF399558	100 x 1520	R980	C36
CF399566	100 x 1520	R980	C40
CF399574	100 x 1520	R980	C60
CF399582	100 x 1520	R980	C80

Grey shaded products are non stock items, M.O.Q and manufacturing lead time will be required





## BELT - METALITE CLOTH

**NORTON**

### Metalite Cloth Backed Portable Belts

- Polyester Cloth backing with Aluminium Oxide grain.
- Closekote for metal or woodworking.



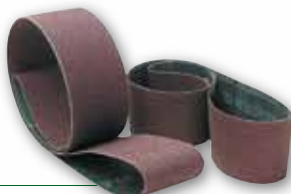
Part Number	Size mm	Grade	Grit Size
CF226734	100 x 610	R295	P24X
CF385395	100 x 610	R228	P36X
CF192473	100 x 610	R228	P40X
CF177768	100 x 610	R228	P60X
CF171522	100 x 610	R228	P80X
CF166235	100 x 610	R228	P100X
CF161322	100 x 610	R228	P120X
CF226947	100 x 610	R228	P150X
CF385409	100 x 610	R228	P180X

Grey shaded products are non stock items, M.O.Q and manufacturing lead time will be required

Other sizes available.

**NORTON**

### Metalite Cloth Belts to Suit Multi-Tool



Part Number	Size mm	Grade	Grit Size
CF380199	50 x 914	R228	P36X
CF380202	50 x 914	R228	P40X
CF380210	50 x 914	R228	P60X
CF380229	50 x 914	R228	P80X
CF380237	50 x 914	R228	P100X
CF380245	50 x 914	R228	P120X
CF380253	50 x 1220	R228	P36X
CF380261	50 x 1220	R228	P40X
CF380288	50 x 1220	R228	P60X
CF380296	50 x 1220	R228	P80X
CF380318	50 x 1220	R228	P100X
CF380326	50 x 1220	R228	P120X

Grey shaded products are non stock items, M.O.Q and manufacturing lead time will be required

Other sizes available.

**NORTON**

### Metalite Cloth Belts for Fixed Machines

- Polyester Cloth backing with Premium Aluminium Oxide grain.
- Closekote for metal or woodworking.



Part Number	Size mm	Grade	Grit Size
CF379891	50 x 914	R295	P24X
CF236726	50 x 914	R295	P36X
CF195073	50 x 914	R295	P40X
CF178381	50 x 914	R295	P60X
CF172308	50 x 914	R295	P80X
CF258407	50 x 914	R295	P100X
CF161977	50 x 914	R295	P120X
CF235660	50 x 914	R295	P180X
CF189189	50 x 914	R295	P240X
CF240478	50 x 914	R295	P320X
CF241032	50 x 914	R295	P400X

Grey shaded products are non stock items, M.O.Q and manufacturing lead time will be required

**NORTON**

### Metalite Cloth Belts for Fixed Machines (cont.)



Part Number	Size mm	Grade	Grit Size
CF379905	50 x 1220	R295	P24X
CF196002	50 x 1220	R295	P36X
CF191833	50 x 1220	R295	P40X
CF197742	50 x 1220	R295	P60X
CF172251	50 x 1220	R295	P80X
CF166731	50 x 1220	R295	P100X
CF161942	50 x 1220	R295	P120X
CF177474	50 x 1220	R295	P180X
CF212601	50 x 1220	R295	P240X
CF190039	50 x 1220	R295	P320X
CF241474	50 x 1220	R295	P400X
CF379913	50 x 2440	R295	P24X
CF196118	50 x 2440	R295	P36X
CF192015	50 x 2440	R295	P40X
CF178233	50 x 2440	R295	P60X
CF172049	50 x 2440	R295	P80X
CF166650	50 x 2440	R295	P100X
CF161799	50 x 2440	R295	P120X
CF123943	50 x 2440	R295	P180X
CF212482	50 x 2440	R295	P240X
CF206318	50 x 2440	R295	P320X
CF197661	50 x 2440	R295	P400X
CF380040	100 x 1520	R295	P24X
CF235628	100 x 1520	R295	P36X
CF192791	100 x 1520	R295	P40X
CF177369	100 x 1520	R295	P60X
CF169188	100 x 1520	R295	P80X
CF166057	100 x 1520	R295	P100X
CF161209	100 x 1520	R295	P120X
CF380059	100 x 2440	R295	P24X
CF141488	100 x 2440	R295	P36X
CF192945	100 x 2440	R295	P40X
CF177253	100 x 2440	R295	P60X
CF169129	100 x 2440	R295	P80X
CF165980	100 x 2440	R295	P100X
CF161071	100 x 2440	R295	P120X
CF213373	100 x 2440	R295	P240X
CF206431	100 x 2440	R295	P320X
CF380067	100 x 4270	R295	P24X
CF380075	100 x 4270	R295	P36X
CF193100	100 x 4270	R295	P40X
CF177172	100 x 4270	R295	P60X
CF169005	100 x 4270	R295	P80X
CF165891	100 x 4270	R295	P100X
CF161047	100 x 4270	R295	P120X
CF159352	100 x 4270	R295	P150X
CF235989	100 x 4270	R295	P180X
CF213330	100 x 4270	R295	P240X
CF206393	100 x 4270	R295	P320X

Grey shaded products are non stock items, M.O.Q and manufacturing lead time will be required

Other sizes available.



# ABRASIVES

## BELTS - NORZON - CLOTH

**NORTON**

### Abrasive Cloth Belt Qualities

#### R228 Metalite Cloth:

A general purpose abrasive cloth manufactured from X weight Cotton, Aluminium Oxide grain with a full resin bond. Because R228 has a medium close coat, it is suitable for woodworking and light metal working applications.

#### R295 Metalite Cloth:

An "X" weight 100% Polyester cloth backing with Heat Treated Aluminium Oxide grain makes R295 a superior Aluminium Oxide Cloth product. The polyester cloth is more resistant to moisture penetration than Cotton and has a higher ability to avoid stretching under pressure. R295 can take more contact pressure especially on the edge of the material without the grain breaking away. Having a close coat distribution of grain it is suitable for the higher pressure metal working applications and the hard wood timbers. Can be steam washed for re-use when timber sanding.

#### R824 NorZon Cloth:

A heavier "Y" weight 100% cloth backing than R295 X weight and coated with NorZon (Zirconia Alumina) grain for high pressure metal working application. NorZon R824 works best in high pressure situations on metal working applications. Can also be used in wood working applications.

#### R848 NorZon Plus Cloth:

Designed for use on Stainless Steel and heat sensitive metals, R848 has a "Y" weight 100% Polyester cloth backing with NorZon (Zirconia Alumina) grain with a special supersize coating as an additional grinding aid for keeping the metal cooler when grinding.

#### R980 Blaze Cloth:

A "YY" weight Polyester cloth that will withstand the harshest pressure of all the Norton cloths when grinding the most difficult of materials such as Titanium, Inconel, Stainless steels. etc. Using the latest technology of SG (seeded gel) grain and an improved supersize coating R980 Blaze will out perform other products under suitable conditions. Being able to withstand high contact pressure makes R980 Blaze ideal for power file belts.

#### Joins:

R295, R824, R848 and R980 Blaze belts, 50mm or wider are made from the following joins:

- P24 - P36 straight tape join.
- P40 and finer Norlok finger join.



**NORTON**

### NorZon Cloth Backed Powerfile Belts

- Closekote for grinding of hard metals.

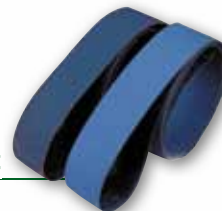
Part Number	Size mm	Grade	Grit Size
CF364444	10 x 330	R824	Z40Y
CF355844	10 x 330	R824	Z60Y
CF355917	10 x 330	R824	Z80Y
CF356573	20 x 520	R824	Z40Y
CF363294	20 x 520	R824	Z60Y
CF356581	20 x 520	R824	Z80Y

## BELTS - NORZON - CLOTH BACKED

**NORTON**

### NorZon Cloth Linishing Belts for Fixed Machines - Premium Product

- Closekote for hard metals.



Part Number	Size mm	Grade	Grit Size
CF343846	50 x 914	R824	Z36Y
CF343854	50 x 914	R824	Z40Y
CF343862	50 x 914	R824	Z60Y
CF343870	50 x 914	R824	Z80Y
CF383007	50 x 914	R848	Z36Y
CF383015	50 x 914	R848	Z40Y
CF383023	50 x 914	R848	Z60Y
CF383031	50 x 914	R848	Z80Y
CF343899	50 x 1220	R824	Z36Y
CF343897	50 x 1220	R824	Z40Y
CF343900	50 x 1220	R824	Z60Y
CF343919	50 x 1220	R824	Z80Y
CF343951	50 x 2440	R824	Z36Y
CF343978	50 x 2440	R824	Z40Y
CF343994	50 x 2440	R824	Z60Y
CF344001	50 x 2440	R824	Z80Y
CF343098	50 x 2440	R848	Z36Y
CF343104	50 x 2440	R848	Z40Y
CF383112	50 x 2440	R848	Z60Y
CF383120	50 x 2440	R848	Z80Y

Grey shaded products are non stock items, M.O.Q and manufacturing lead time will be required

Other sizes available.

## BELTS - SURFACE CONDITIONING



CRS - Brown MED - Maroon FINE - Blue



### SCM Surface Conditioning

- Non-woven abrasive belts for easy removal of weld discolouration and surface finishing.

Part Number	Description	Size mm
75600974	Belt 50 x 915 CRS	50 x 914
75600975	Belt 50 x 915 MED	50 x 914
75600976	Belt 50 x 915 FINE S/COND	50 x 914
75600977	Belt 50 x 1220 CRS	50 x 1220
75600978	Belt 50 x 1220 MED	50 x 1220
75600979	Belt 50 x 1220 FINE S/CONDITION	50 x 1220

Note: A full range of Coated Materials and Belt Sizes are available from Pferd.







**NORTON**

## STE Surface Conditioning Belts

- Surface blending Belts deliver superior, consistent finishes whenever you need to clean, deburr, blend or finish all types of metal, wood and plastic.

Part Number	Size mm
<b>Brown Coarse</b>	
CX383430	50 x 914
CX383465	50 x 1220
CX383503	90 x 400
CX383546	100 x 914
<b>Blue Very Fine</b>	
CX383457	50 x 914
CX383481	50 x 1220
CX383538	90 x 400
CX383562	100 x 914
<b>Maroon Medium</b>	
CX383449	50 x 914
CX383473	50 x 1220
CX383511	90 x 400
CX383554	100 x 914



**PFERD**

## Zirconia Belts

- Economical, tough Zirconia sanding belts for general purpose and stainless steel applications.

Part Number	Description	Size mm
75436051	ZK713X 50 x 914 24 grit	50 x 914
75436052	ZK713X 50 x 914 36 grit	50 x 914
75436053	ZK713X 50 x 914 40 grit	50 x 914
75436054	ZK713X 50 x 914 50 grit	50 x 914
75436055	ZK713X 50 x 914 60 grit	50 x 914
75436056	ZK713X 50 x 914 80 grit	50 x 914
75436057	ZK713X 50 x 914 100 grit	50 x 914
75436058	ZK713X 50 x 914 120 grit	50 x 914
75436059	ZK713X 50 x 1220 24 grit	50 x 1220
75436060	ZK713X 50 x 1220 36 grit	50 x 1220
75436061	ZK713X 50 x 1220 40 grit	50 x 1220
75436062	ZK713X 50 x 1220 50 grit	50 x 1220
75405830	ZK713X 50 x 1220 60 grit	50 x 1220
75409904	ZK713X 50 x 1220 80 grit	50 x 1220
75436063	ZK713X 50 x 1220 100 grit	50 x 1220
75436064	ZK713X 50 x 1220 120 grit	50 x 1220

Note: A full range of Coated Materials and Belt Sizes are available from Pferd.

## BRUSHES - WIRE - CRIMPED

**flexOvit**

### Solid Crimped Wire Brushes - Carbon Steel

- General purpose wire wheel brushes for use on bench grinders.
- Flash removal of plastic and rubber parts, edge blending, deburring, surface preparation prior to plating or painting, cleaning of paint, rust and scale.
- For roughing for adhesion purposes.



Part Number	Size mm	Max R.P.M.
<b>Individually Packed on Display Card</b>		
W2120BP	100 x 16 x 12.7 30g	6000
W2180BP	125 x 13 x 12.7 30g	6000
W2190BP	125 x 16 x 12.7 30g	6000
W2300BP	150 x 13 x Multi Bore 30g	6000
W2320BP	150 x 20 x Multi Bore 30g	6000
W2400BP	200 x 20 x Multi Bore 28g	4600
<b>Individually Boxed - Industrial Quality</b>		
W2100	75 x 16 x 12.7 30g	10000
W2150	100 x 20 x Multi Bore 30g	8000
W2200	125 x 20 x Multi Bore 30g	6000
W2340	150 x 28 x Multi Bore 28g	6000
W2420	200 x 28 x Multi Bore 28g	4600
W2450	250 x 38 x 38.1 28g	3600
W2500	300 x 38 x 50.8 28g	3600

## BRUSHES - WIRE - CRIMPED - CUP

**PFERD**

### Cup Brushes - Crimped

- Suitable for cleaning, rust removal, smoothing, descaling and removal of corrosion or coatings.



Part Number	Description	Size
43703001	Brush TBU 5010 / 6mm shank	50
43468902	Brush TBU 60 M14	60
43468904	Brush TBU 60 M10 x 1.5	60

**flexOvit**

### Crimped Wire Brushes - Carbon Steel

- The flexibility of wires ensure easy handling of the brush.
- For cleaning jobs and for brushing large surfaces.



Part Number	Size mm	Max R.P.M.
<b>Individually Packed on Display Card</b>		
W2800BP	65 x M10 - 1.25 30g	12000
W2820BP	65 x M10 - 1.50 30g	12000
W2900BP	75 x M10 - 1.25 30g	12000
W2920BP	75 x M10 - 1.50 30g	12000
W2940BP	75 x M14 - 2.00 30g	12000
<b>Individually Boxed - Industrial Quality</b>		
W3000	100 x M14 - 2.00 25g	8600
W3100	125 x M14 - 2.00 25g	6800



# ABRASIVES

## BRUSHES - WIRE - CRIMPED - MOUNTED



### Mounted Crimped Wire Cup Brushes - Carbon Steel

- The flexibility of wires ensure easy handling of the brush.
- For cleaning jobs and for brushing large surfaces.

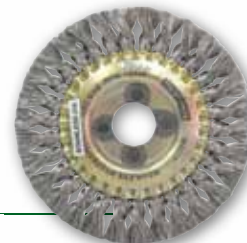


Part Number	Size mm	Max R.P.M.
Individually Packed on Display Card		
W2830BP	65 x 6mm Spindle 30g	2800
W2950BP	75 x 6mm Spindle 30g	2800



### Twist Knot Wheel Brushes - Carbon Steel

- The most aggressive brushing tool available.
- Provides fast cutting and maximum cleaning action in severe applications.
- Brushes can be fitted to most portable tools.
- For deburring, rust removal, cleaning welding seams, rubber removal.



Part Number	Size mm	Max R.P.M.
Individually Boxed - Industrial Quality		
W3700	100 x 1R x 16 26g 18K	12000
W3750	125 x 1R x 22 26g 24K	12000
W3800	150 x 1R x Multi Bore 26g 30K	9000
W3820	150 x 2R x Multi Bore 26g 30K	9000
W3900	200 x 1R x Multi Bore 26g 30K	6500
W3920	200 x 2R x Multi Bore 26g 30K	6500

## BRUSHES - WIRE - GENERAL PURPOSE



### Wheel Brushes with Arbor Hole

- Suitable for light to medium brushing work in stationary machines.

Part Number	Description	Size
43707009	Brush RBU 15020	150
43707021	Brush RBU 20020	200



### Bevelled Twist Knot Brushes - Carbon Steel

- Due to their special shape, these brushes are used on angle grinders for heavy stock removal, brushing and cleaning applications on carbon steels.



Part Number	Size mm	Max R.P.M.
Individually Packed on Display Card		
W4200BP	100 x 1R x M10 - 1.25 26g 20K	12000
W4220BP	100 x 1R x M10 - 1.50 26g 20K	12000
W4240BP	100 x 1R x M14 - 2.00 26g 20K	12000

## BRUSHES - WIRE - MOUNTED



### Shaft Mounted Wheel Brush

- Suitable for universal cleaning, rust removal, smoothing, descaling, weld dressing on cast iron, light deburring and removal of corrosion or coatings.

Part Number	Description	Size
43701013	Brush SB RBU 5015/6 ST 0,20 SG	50



### Bevelled Twist Knot Brushes - Stainless Steel

- Due to their special shape, these brushes are used on angle grinders for heavy stock removal, brushing and cleaning applications on stainless steels.



Part Number	Size mm	Max R.P.M.
Individually Packed on Display Card		
W4270	100 x 1R x M10 - 1.50 26g S/S 20K	12000
W4280	100 x 1R x M14 - 2.00 26g S/S 20K	12000

## BRUSHES - WIRE - TWIST KNOT



### Twist Knot

- Excellent for heavy-duty brushing, deburring, cleaning and rust removal.
- Due to its conical shape, this product is ideal for work in hard to reach places.
- It is versatile and especially useful for difficult work.

Part Number	Description	Size
43313011	Brush KBG 10013/M14 CT ST 0,50 SGP	100mm (4")
79182207	Brush KBG 10013 M10 x 1.5	100 x 13
43313013	Brush KBG 10013/M14 CT INOX 0,35 SGP	100 x 13

Please note an extensive range of Pferd Wire Brushes are available.

## BRUSHES - WIRE - TWIST KNOT - CUP



### Cup Brushes - Twist Knot

- Excellent for heavy duty brushing, mainly on large surfaces and for deburring, cleaning and rust removal.

Part Number	Description	Size
43305002	Brush TBG 65/M14 ST 0,35 SG	65
47701479	Brush TBG 65/M10 x 1.5	65



## flexOvit

### Twist Knot Cup Wire Brushes - Carbon Steel

- The most aggressive brushing tool available.
- Provides fast cutting and maximum cleaning action in severe applications.
- Brushes can be fitted to most portable tools.
- For deburring, rust removal, cleaning welding seams, rubber removal.

Part Number	Size mm	Max R.P.M.
<b>Individually Boxed - Industrial Quality</b>		
W3300BP	75 x 1R M10 - 1.25 26g	12000
W3320BP	75 x 1R M10 - 1.50 26g	12000
W3340BP	75 x 1R M14 - 2.00 26g	12000



## flexOvit

### Twist Knot Cup Wire Brushes - Carbon Steel

- Designed for heavy cleaning jobs and for brushing large surfaces.
- Removing paint, rust, weld scale.
- Cleaning prior to welding.

Part Number	Size mm	Max R.P.M.
<b>Individually Boxed - Industrial Quality</b>		
W3200	65 x 1R M10 - 1.25 26g	12000
W3220	65 x 1R M10 - 1.50 26g	12000
W3400	100 x 1R M14 - 2.00 26g	8600
W3410S	100 x 1R M14 - 2.00 26g Skirted	8600
W3420	100 x 2R M14 - 2.00 26g	8600
W3430S	100 x 2R M14 - 2.00 26g Skirted	8600
W3500	125 x 1R M14 - 2.00 26g	6800
W3510S	125 x 1R M14 - 2.00 26g Skirted	6800
W3520	125 x 2R M14 - 2.00 26g	6800
W3530S	125 x 2R M14 - 2.00 26g Skirted	6800



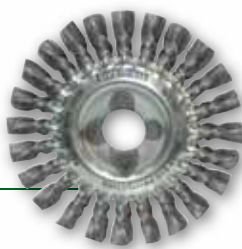
## BRUSHES - WIRE - TWIST KNOT - PIPELINE

## flexOvit

### Twist Knot Pipeline Wheel Brushes - Carbon Steel

- Aggressive fast cutting for pipeline weld cleaning.
- For high speed applications on angle grinders.

Part Number	Size mm	Max R.P.M.
<b>Individually Boxed - Industrial Quality</b>		
W3980	SB125 x 6 x 22 26g 30k	12000
W4100	150 x 6 x 22 22g 30k	9000
W4600	170 x 6 x M14 - 2.00 24g 50k	8700



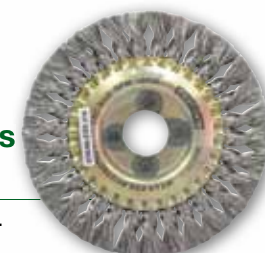
## BRUSHES - WIRE - TWIST KNOT - PIPELINE - STAINLESS

## flexOvit

### Twist Knot Pipeline Wheel Brushes - Stainless Steel

- Aggressive fast cutting for pipeline weld cleaning.
- For high speed applications on angle grinders.

Part Number	Size mm	Max R.P.M.
<b>Individually Boxed - Industrial Quality</b>		
W4110	SB125 x 6 x 22 26g 30k	12000
W4120	150 x 6 x 22mm 26g S/S 40k	9000



## BRUSHES - WIRE - TWIST KNOT - STAINLESS

## flexOvit

### Twist Knot Wheel Brushes - Stainless Steel

Part Number	Size mm	Max R.P.M.
<b>Individually Boxed - Industrial Quality</b>		
W3770	125 x 1R x 22 26g S/S 24K	12000

## flexOvit

### Twist Knot Cup Wire Brushes - Stainless Steel

- Stainless steel wire brushes are specially manufactured and are highly resistant to rust and corrosion. They will not cause after rust when brushing stainless steel or other corrosive resistant materials.
- For Heavy cleaning jobs, brushing large surfaces, pipeline applications, weld cleaning etc.

Part Number	Size mm	Max R.P.M.
<b>Individually Boxed - Industrial Quality</b>		
W3620	75 x 1R M10 - 1.25 26g S/S	12000
W3630	75 x 1R M10 - 1.50 26g S/S	12000
W3640	75 x 1R M14 - 2.00 26g S/S	12000
W3650	100 x 1R M14 - 2.00 26g S/S	8600
W3660	100 x 2R M14 - 2.00 26g S/S	8600
W3670	125 x 1R M14 - 2.00 26g S/S	6800
W3680	125 x 2R M14 - 2.00 26g S/S	6800



## BRUSHES - WIRE - TWIST KNOT HEAVY DUTY



### Wheel Brushes with Arbor/Hole or Shank

- For heavy-duty metalworking applications (descaling, rust removal, deburring, weld dressing, removal of adhesive residue).
- The knotted type is more aggressive than the crimped wire.

Part Number	Description	Size
43303005	Brush RBG 12512/22,2 ST 0,50 SG	125 x 12
43702001	Brush SB RBG 7006/6 ST 0,35 SG	70



# ABRASIVES

## BRUSHES - WIRE - HAND



### Industrial Wire Hand Brushes

- High quality industrial hand cleaning brushes for a variety of applications.

Part Number	Description
W4300	3 Row Wooden Handle 54 Tuft Steel
W4320	4 Row Wooden Handle 72 Tuft Steel
W4340	3 Row Wooden Handle 43 Tuft Converged Steel
W4400	3 Row Wooden Handle 54 Tuft Stainless Steel
W4420	4 Row Wooden Handle 72 Tuft Stainless Steel
W4440	3 Row Wooden Handle 43 Tuft Converged Stainless Steel
W4500	4 Row Plastic Handle 72 Tuft Stainless Steel
W4520	4 Row Plastic Handle 72 Tuft Brass
W4540	4 Row Plastic Handle 72 Tuft Steel



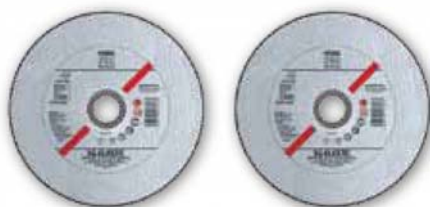
## CUT OFF WHEELS - ALUMINIUM



### Ultra Thins Premium SG Aluminium

- Cutting of steel metal, sectional and solid materials.

Part Number	Description	Size
61340415	EHT 115-1.0 A60 N SG-ALU	115mm (4 1/2")
61340425	EHT 115-1.6 A46 N SG-ALU	115mm (4 1/2")
61341115	EHT 125-1.0 A60 N SG-ALU	125mm (5")
61341225	EHT 125-1.6 A46 N SG-ALU	125mm (5")
61326119	EHT 178-1.6 A46 N SG-ALU	178mm (7")



## CUT OFF WHEELS - CHOP SAW



### Premium SG

- Thinner chop saw wheel means better cut and reduced burr.

Part Number	Description	Size
66323070	80 T300-2,8 A36K SG-Chop 25,4	300mm (12")
69620704	80 T350-2,8 A36K SG-Chop 25,4	350mm (14")
66324093	80 T400-3,8 A36K SG-Chop 25,4	400mm (16")



## CUT OFF WHEELS - CHOP SAW - IRON FREE



### Chop Saw Wheel (INOX)

- Thinner chop saw wheel means better cut and reduced burr.

Part Number	Description	Size
69620725	80 T300-2,8 A36K SG-CHOP INOX 25,4	300mm (12")
69620717	80 T350-2,8 A36K SG-CHOP INOX 25,4	350mm (14")
66324091	80 T400-2,8 A36K SG-CHOP INOX 25,4	400mm (16")



## CUT OFF WHEELS - IRON FREE



### Premium SG (INOX) Cutting Wheels

- Cut off wheels for use on Stainless Steels.
- The SG Inox range of cutting wheels provides fast cutting action and long service life on stainless steels and acid resistant metals.
- Iron and Sulphur free.

Part Number	Description	Size
69120745	EHT 100-2,4 A46 R SG-INOX	100mm (4")
61340432	EHT 115-2,4 A46 R SG-INOX	115mm (4 1/2")
61331432	EHT 125-2,4 A46 R SG-INOX	125mm (5")
61326422	EHT 178-2,5 A46 R SG-INOX	178mm (7")
61328422	EHT 230-2,5 A24 R SG-INOX	230mm (9")



## CUT-OFF WHEEL - MASONRY



### General Purpose Masonry and Non-Ferrous Metals

- General purpose dry cutting of bricks, concrete pavers and bluestone.
- Also suitable for non-ferrous metals ie. brass and bronze.
- 100mm to 230mm available



### High Speed Petrol Saws - Demolition Saws

FH64 (C30T-BF41/100) FH3714 (C24R-BF41/100)

- Dry cutting of concrete, pipe, bricks.
- Fast dry cutting, long life.

FZ1435 ASPHALT (C16U-BF41/100)

- Cutting asphalt materials.
- Open bond structure.

FZ2707 (C24P-BF41/100)

- Wet cutting, general purpose for cutting bricks, concrete, blocks.



Part Number	Size mm	Specification	Max R.P.M.
4335620	350 x 4.1 x 20.0	FH3714 DRY	5500
4335622	350 x 4.1 x 22.2	FH3714 DRY	5500
4335625	350 x 4.1 x 25.4	FH3714 DRY	5500
4340620	400 x 4.2 x 20.0	FH3714 DRY	4800
4435620	350 x 4.1 x 20.0	FZ1435 ASPHALT	5500
4435625	350 x 4.1 x 25.4	FZ1435 ASPHALT	5500
4735620	350 x 4.1 x 20.0	FZ2707 WET	5500
4735625	350 x 4.1 x 25.4	FZ2707 WET	5500

300mm available.



## flexOvit

### Masonry Portable Chop Saws

- General purpose cutting of bricks, blocks and pavers.
- To suit low speed electric chop saws. (Such as Makita, Hitachi, Ryobi, Black & Decker, De Walt, Craftmaster, Pentagon, Atlas Copco, Jepson etc.)

Part Number	Size mm	Specification	Max R.P.M.
4135625	356 x 3 x 25.4	C36S-BF41	4400



## CUT OFF WHEELS - METAL



### General Purpose

- General purpose tool for use on steel. Provides fast cutting action.
- Ideal for use on sheetmetal, sections and solid material.

Part Number	Description	Size
61741116	EHT 100-2,4 A46 P PSF	100mm (4")
61730026	EHT 115-2,4 A46 P PSF	115mm (4 1/2")
61719026	EHT 125-2,4 A46 P PSF	125mm (5")
61726222	EHT 178-3,0 A24 P PSF	178mm (7")
61728222	EHT 230-3,0 A24 P PSF	230mm (9")

## CUT-OFF WHEEL - METAL

## flexOvit

### General Purpose - Portable Machines

- For cutting ferrous metals.
- Excellent performance and life.

Part Number	Size mm	Specification	Max R.P.M.
1005110	50 x 2.5 x 10	FH38 A36S-BF41	24300
1006510	65 x 2.5 x 10	FH38 A36S-BF41	24300
1007610	76 x 2.5 x 10	FH38 A36S-BF41	19100
1010216	100 x 2.5 x 16	FH38 A36S-BF41	15300
1011522	115 x 2.5 x 22	FH38 A36S-BF41	13300
1012716	125 x 2.5 x 16	FH38 A36S-BF41	12250
1012722	125 x 2.5 x 22	FH38 A36S-BF41	12250
1015220	150 x 2.5 x 20	FH38 A36S-BF41	10200
1015222	150 x 2.5 x 22	FH38 A36S-BF41	10200
1017816	180 x 2.5 x 16	FH38 A36S-BF41	8500
1017820	180 x 2.5 x 20	FH38 A36S-BF41	8500
1017822	180 x 2.5 x 22	FH38 A36S-BF41	8500
1020316	200 x 2.5 x 16	FH38 A36S-BF41	7650
1020322	200 x 2.5 x 22	FH38 A36S-BF41	7650
1020325	200 x 2.5 x 25.4	FH38 A36S-BF41	7650
1020335	200 x 2.5 x 35	FH38 A36S-BF41	7650
1023016	230 x 2.5 x 16	FH38 A36S-BF41	6650
1023022	230 x 2.5 x 22	FH38 A36S-BF41	6650
1023025	230 x 2.5 x 25.4	FH38 A36S-BF41	6650
1023035	230 x 2.5 x 35	FH38 A36S-BF41	6650
1423022	230 x 3.1 x 22	FZ40 A30V-BF41	6650



## flexOvit

### Extra Premium

#### Applications:

- Cutting of thin gauge sheet steel rolling iron, colorbond, etc.
- Excellent performance and life.
- 100mm to 230mm available



## flexOvit

### Aluminium "ALU"

#### Applications:

- Cutting non-ferrous material using load resistant bonds.
- Suitable for aluminium, bronze and brass.
- 100mm to 230mm available



## flexOvit

### High Speed Stationary Machines

#### Applications:

##### 2UU670SS & 3UU600ST

- General purpose for cutting structural steels, bar stock, etc. Long life.

##### 1HU670QR & 4HU700OP

- For cool cutting harder materials

##### A36Q-BF41/100 ALU

- For cutting non-ferrous aluminium, bronze, etc.

Part Number	Size mm	Specification	Max R.P.M.
2330525	300 x 3.4 x 25.4	A36Q-BF41 ALU	6400
2035620	350 x 3.8 x 20	2UU670SS	5500
2035625	350 x 3.8 x 25.4	2UU670SS	5500
2040625	406 x 4.4 x 25.4	2UU670SS	4800
2050840	500 x 5.4 x 40	3UU670SS	3850
2135625	350 x 4.0 x 25.4	1HU670QR	5500
2140625	406 x 4.0 x 25.4	1HU670QR	4800
2535625	350 x 3.8 x 25.4	4HU700OP	5500
2540625	406 x 4.4 x 25.4	4HU700OP	4800



## flexOvit

### Portable Chop Saws Cutting

- Fast cutting of ferrous metals, including bar, tubing.
- 406mm wheel suitable for Flexovit Mitrecut 400 and Supercut 400 cut-off machines.
- Wheels to suit low speed electric chop saws. (Such as Makita, Hitachi, Ryobi, Black & Decker, De Walt, Craftmaster, Pentagon, Atlas Copco, Jepson, etc.)

Part Number	Size mm	Specification	Max R.P.M.
1930525	300 x 3.0 x 25.4	A36S-BF41	5100
1935625	356 x 3.0 x 25.4	A36S-BF41	4400
1940625	406 x 3.0 x 25.4	A36S-BF41	3850



## flexOvit

### Rail Cutting-Off Wheels

#### 2UE790QR

- Specially manufactured for rail cutting.
- Also suitable for some harder metal.

#### A24QBF41/100

- Manufactured for rail cutting using special formulations enabling fast burn free cutting using hand held demolition machines.

Part Number	Size mm	Specification	Max R.P.M.
2835620	350 x 3.8 x 20	2UE790QR	5500
2835625	350 x 3.8 x 25.4	2UE790QR	5500
3135625	350 x 4.0 x 25.4	A24QBF41/100	5500
3140625	400 x 4.0 x 25.4	A24QBF41/100	4800





# ABRASIVES

## CUT-OFF WHEEL - STAINLESS

**flexOvit**

### Iron Free Inox - Standard

- For cutting stainless steel and hard ferrous metals.
- Free of iron.

Part Number	Size mm	Specification	Max R.P.M.
1810216	100 x 2.5 x 16	FH38 A36S-BF41 I/F	15300
1811522	115 x 2.5 x 22	FH38 A36S-BF41 I/F	13300
1812722	125 x 2.5 x 22	FH38 A36S-BF41 I/F	12250
1815222	150 x 2.5 x 22	FH38 A36S-BF41 I/F	10200
1817822	180 x 2.5 x 22	FH38 A36S-BF41 I/F	8500
1823022	230 x 2.5 x 22	FH38 A36S-BF41 I/F	6650

\* BF41 - Flat Cutting



**flexOvit**

### Mega Inox - Premium

- For cutting stainless steel.

Part Number	Size mm	Specification	Max R.P.M.
1310216	100 x 2.5 x 16	A24V-BF41 M/INOX	15300
1311522	115 x 2.5 x 22	A24V-BF41 M/INOX	13300
1312722	125 x 2.5 x 22	A24V-BF41 M/INOX	12250
1317822	180 x 2.5 x 22	A24V-BF41 M/INOX	8500
1323022	230 x 2.5 x 22	A24V-BF41 M/INOX	6650



**flexOvit**

### Mega Inox Premium - Ultra Thin

- For cutting stainless steel and very hard ferrous metals.
- Free of iron and sulphur giving contamination free cutting of stainless steel.

Part Number	Size mm	Specification	Max R.P.M.
7310220	100 x 2 x 16	A46T-BF42 M/INOX	15300
7312720	125 x 2 x 22	A46T-BF42 M/INOX	12250
7318016	180 x 1.6 x 22	A30V-BF42 M/INOX	8500
7323019	230 x 1.9 x 22	A30V-BF42 M/INOX	6650

\* BF42 - Depressed Centre Cutting



**flexOvit**

### Mega Inox Zirconia Premium - UltraThin

For cutting stainless steel, alloy steels and hard ferrous metals. Free of iron, sulphur and chlorine. Fast, burr-free cutting and long life.

Part Number	Size mm	Specification	Max R.P.M.
15510010	100 x 1.0 x 16	ZA60X-BF41 M/INOX	15300
15511510	115 x 1.0 x 22	ZA60X-BF41 M/INOX	13300
15512510	125 x 1.0 x 22	ZA60X-BF41 M/INOX	12250



**flexOvit**

### Mega Inox Premium - Ultra Thin

- For cutting stainless steel and hard ferrous metals.
- Free of iron, sulphur and chlorine giving contamination free cutting of stainless steel.

Part Number	Size mm	Specification	Max R.P.M.
15102010	100 x 1.0 x 16	A46T-BF41 M/INOX	15300
15102016	100 x 1.6 x 16	A46T-BF41 M/INOX	15300
1510216	100 x 2.0 x 16	A46T-BF41 M/INOX	15300
15115010	115 x 1.0 x 22	A46T-BF41 M/INOX	13300
15115016	115 x 1.6 x 22	A46T-BF41 M/INOX	13300
1511522	115 x 2.0 x 22	A46T-BF41 M/INOX	13300
15127010	125 x 1.0 x 22	A46T-BF41 M/INOX	12250
15127016	125 x 1.6 x 22	A46T-BF41 M/INOX	12250
1512722	125 x 2.0 x 22	A46T-BF41 M/INOX	12250
15178020	180 x 2.0 x 22	A46T-BF41 M/INOX	8500
15230020	230 x 2.0 x 22	A46T-BF41 M/INOX	6650



**flexOvit**

### Mega Inox Premium - Extra Ultra Thin

- For cutting stainless steel and very hard ferrous metals.
- Free of iron and sulphur giving contamination free cutting of stainless steel.

Part Number	Size mm	Specification	Max R.P.M.
73115080	115 x 0.8 x 22	A60V-BF42 M/INOX	13300
73125080	125 x 0.8 x 22	A60V-BF42 M/INOX	12250

\* BF42 - Depressed Centre Cutting



**flexOvit**

### Ultra Thin - Die Grinder

- For use on die grinders for cutting hard alloy steels.
- The A60T-BF41 I/F are ideal for cutting stainless steels.

Part Number	Size mm	Specification	Max R.P.M.
3505006	50 x 1.60 x 6.35	A36T-BF41	30600
3505010	50 x 0.89 x 9.5	A60T-BF41 I/F	30600
3507606	76 x 0.89 x 6.35	A60T-BF41 I/F	23900
3507610	76 x 0.89 x 9.53	A60T-BF41 I/F	23900
3508006	80 x 0.89 x 6.35	A60O-BF41	23900
3508089	80 x 0.89 x 6.35	23A60/1Q	23900

Other sizes available.



**flexOvit**

### General Purpose

- For cutting of structural steel, sheet metals and ferrous metals

Part Number	Size mm	Specification	Max R.P.M.
6307634	76 x 3.4 x 10	A30S-BF42	19100
6310234	100 x 3.4 x 16	A30S-BF42	15300
6311534	115 x 3.4 x 22	A30S-BF42	13300
6012734	125 x 3.4 x 22	A24/30T-BF42	12250
6017834	180 x 3.4 x 22	A24/30T-BF42	8500
6023034	230 x 3.4 x 22	A24/30T-BF42	6650

\* BF42 - Depressed Centre Cutting





## CUT OFF WHEELS - ULTRA THIN



### Ultra Thin Cutting Wheels - INOX

- Extra thin cut-off wheels for virtually burr free, fast results in sheet metal and light gauge sections.
- Iron and Sulphur free.

Part Number	Description	Size
61339412	EHT 100-1,0 A60 R SG-INOX	100mm (4")
61340412	EHT 115-1.0 A60 R SG-INOX	115mm (4 1/2")
61341112	EHT 125-1,0 A60 R SG-INOX	125mm (5")
61340422	EHT 115-1,6 A46 R SG-INOX	115mm (4 1/2")
61341122	EHT 125-1,6 A46 R SG-INOX	125mm (5")
61342122	EHT 150-1,6 A46 R SG-INOX	150mm (6")
61343122	EHT 178-1,6 A46 S SGP-INOX	178mm (7")
61328702	EHT 230-1,9 A46 S SGP-INOX	230mm (9")



### DUO DISC - Cutting & Grinding Wheel

The Duo-Disc combination abrasive wheel is a cost-efficient and technically advanced solution for users needing a fast, time-saving cutting action and reliable grinding performance - now delivered by a single wheel.

Part Number	Description	Size
62011620	E 115-2,8 A46 P PSF-INOX DUO	115mm (4 1/2")
62012620	E 125-2,8 A46 P PSF-INOX DUO	125mm (5")

## DISC - DEPR. CENTRE - ALL IN ONE



### All In One Speciality Cutting Grinding & Finishing

- For cutting, light grinding and polishing.
- One wheel for safe cutting, light grinding and polishing of structural steels, sheet metals and stainless steels.

Part Number	Size mm	Specification	Max R.P.M.
7210016	100 x 2.2 x 16	A46S-BF	15300
7211522	115 x 2.2 x 22	A46S-BF	13300
7212522	125 x 2.2 x 22	A46S-BF	12250

## SAFETY REQUIREMENTS

Safety Goggles or Full Face Shields worn over safety glasses with side shields **MUST BE WORN BY ALL OPERATORS** and others in the immediate area of power brush operations.

- Guards:** - Keep all machine guards in place.
- Speeds:** - Observe all speed restrictions indicated on brushes.
- Protective Equipment:** - Appropriate protective clothing and equipment must be used.

**WARNING:**  
**"FAILURE TO OBSERVE SAFETY PRECAUTIONS MAY RESULT IN INJURY."**

## BORE SIZE CHART Popular Bore Sizes For Cup Wheels

GRINDERS 100MM	BORE
Makita (Models prior to May '98)	M10 x 1.25mm
Hitachi, Makita (Models after May '98), Ryobi, Skil, Wolf	M10 x 1.50mm
	M10 x 1.50mm
GRINDERS 115MM, 125MM, 180MM, 230MM	BORE
AEG, Black & Decker, Bosch, Elu, Fein, Hitachi, Kanga, Makita, Metabo, Ryobi, Wolf, DeWalt, Skil	M14 x 2.0mm
	M14 x 2.0mm

## DIAMOND BENCH STONES



### Diamond Combination Stone

- Two grits in the one tool - Coarse and Fine.
- Coarse grit for aggressive removal of metal to quickly restore dull edges.
- Fine grit ideal for getting razor-sharp edges.
- Perfect for sharpening small tools and instruments or hard to handle objects.



Part Number	Specification
<b>Professional Quality</b>	
87505	Coarse and Fine, 265mm x 35mm



### Diamond Bench Stone

- Available in Fine (750 grit) or Coarse (325 grit).
- Featuring a unique overlapping hole design that collects shavings and prevents build-up as you sharpen.
- Stone can be easily removed for sharpening routers or special bits.
- Can be used dry but water or non-petroleum based oil is recommended for more effective sharpening.



Part Number	Specification
<b>Professional Quality</b>	
87510	Fine - 750 grit, 150mm x 63mm
87515	Coarse - 325 grit, 150mm x 63mm



# ABRASIVES

## DIAMOND BLADES

**clipper®**

### TYPE OF DIAMOND BLADES

#### CONTINUOUS



- Provides the smoothest of cuts.
- For use on porcelain, ceramic tile, marble and other hard materials requiring a high quality cut.

#### TURBO



- Aggressive cutting action with a smoother quality of cut.
- For use on harder materials such as granite, marble and stone, to reduce chipping.

#### SEGMENTED



- Most aggressive cutting action for use on the widest variety of materials.
- Typically used on high speed, walk-behind and masonry saw blades.
- Gullets (space between segments) are designed for specific applications.

## DIAMOND BLADE - CERAMIC

**clipper®**

### Continuous Rim Blades - For Angle Grinder / Circular Saw / Tile Saw

Professional Quality for Hard Stone and Tiles (Wet or Dry Application)

- High quality blade for excellent cutting speed in hard stone and tiles.
- Suitable for wet or dry cutting applications.
- Sintered continuous rim.



Part Number	Size mm Diameter x Bore
<b>Professional Quality</b>	<b>SUPER CERAM - CONTINUOUS RIM</b>
SCERAM-10520	105 x 1.6 x 9 x 20/16
SCERAM-11522	115 x 1.6 x 9 x 22.2/20
SCERAM-12522	125 x 1.6 x 9 x 22.2/20
SCERAM-15022	150 x 1.6 x 9 x 22.2/20
SCERAM-18025	180 x 1.6 x 9 x 25.4/22.2
SCERAM-20030	200 x 1.6 x 9 x 30/25.4
<b>Professional Quality</b>	<b>For use on wet cutting machines only</b>
SCERAM-23025	230 x 1.6 x 9 x 25.4/22.2
SCERAM-25030	250 x 1.6 x 9 x 30/25.4
SCERAM-30030	300 x 2.2 x 9.5 x 30/25.4
SCERAM-35030	350 x 2.4 x 9.5 x 30/25.4

## DIAMOND BLADE - EXPLORER 4 X 4 MULTI PURPOSE

**clipper®**

### Segmented Blades - For Angle Grinder / Circular Saw / Tile Saw

Multi Application (Wet or Dry Application)

The latest in a long line of industry leading technological developments from Clipper, the 4x4 EXPLORER is one of the first blades suited to a full range of different materials classes. With two new patent pending design features this blade is suitable for use in granite, cured concrete steel and abrasive materials such as concrete block, green concrete and even asphalt.

- Specially treated thicker steel centre for improved durability in the most demanding applications.
- One blade to cut all common building materials including steel.
- Laser welded, segmented.



Part Number	Size mm Diameter x Bore
<b>Professional Quality</b>	<b>4x4 E XPLORER - SEGMENTED</b>
4X4-23025	230 x 2.8 x 10 x 25.4/22.2

**clipper®**

### Segmented Blades - For Demo/ Brick / Floor Saws up to 25hp

Multi Application (Wet or Dry Application)

The latest in a long line of industry leading technological developments from Clipper the 4x4 EXPLORER is one of the first high speed blades suited to a full range of different materials classes. With two new patent-pending design features, this blade is suitable for use in granite, cured concrete, steel and abrasive materials such as concrete block, green concrete and even asphalt.

- Patent pending depth indicator and ellipsoid gullet.
- Specially treated thicker steel centre for improved durability.
- One blade to cut all common building materials including steel.
- Laser welded, segmented.



Part Number	Size mm Diameter x Bore
<b>Professional Quality</b>	<b>4x4 EXPLORER - SEGMENTED</b>
4X4-30020	300 x 2.5 x 10 x 20.0
4X4-30025	300 x 2.5 x 10 x 25.4/20.0
4X4-35020	350 x 2.8 x 10 x 20.0
4X4-35025	350 x 2.8 x 10 x 25.4/20.0
4X4-40020	400 x 3.2 x 10 x 20.0
4X4-40025	400 x 3.2 x 10 x 25.4/20.0

## DIAMOND BLADE - LOW NOISE

**clipper®**

### SILENCIO Segmented Low Noise Blades - For Demolition / Masonry / Floor Saws

General Purpose (Wet or Dry Application)

The newly developed 15mm segmented blades are fine tuned to achieve the best cutting performance, the longest life and the greatest noise-damping effect whilst taking into account the specific requirements of each cutting application.

- Special steel core reduces the noise output of the blade by approximately 15dBa.
- 15mm segment height for excellent life.



Part Number	Size mm Diameter x Bore
<b>Professional Quality</b>	<b>SILENCIO</b>
<b>High Speed Saws - Wet or Dry Application</b>	
SIL-HS-35025	350 x 3.6 x 15 x 25.4
<b>Masonry Saws - Wet Application</b>	
SIL-MS-35025	350 x 3.6 x 15 x 25.4
<b>Floor Saws - Wet Application</b>	
SIL-FS-35025	350 x 3.6 x 15 x 25.4

## DIAMOND BLADE - MULTI PURPOSE

**clipper®**

### RESCUE RUNNER Continuous Rim - For High Speed Demolition Saws

Multi Application (Wet or Dry)

Can cut concrete, natural stone, bricks, steel shutters, automotive steels, steel pipes, thin steel plates, rubber tyres, plywood, narrow timbers, vinyl materials, plastics, fibreglass materials, graphite materials, ductile pipes, glass, etc. For use on high speed demolition saws.

- Special heavy duty tempered steel core for maximum durability in a wide range of materials.
- Symmetric diamond layer pattern allows non-directional mounting.
- Revolutionary diamond blade technology to achieve faster cutting & longer life.



Part Number	Size mm Diameter x Bore
<b>Professional Quality</b>	<b>RESCUE RUNNER</b>
RESCUE-35025	341 x 3.6 x 7x25.4



## DIAMOND BLADE - SEGMENTED - ASPHALT



### For High Speed Demolition Saws

Asphalt (Wet or Dry Application)

For use on asphalt, soft sandstone, abrasive concrete blocks and other soft and abrasive materials.

- Patented Seeded Gel technology for longer life and greater cutting speed.
- Undercut protection ensures maximum blade life.
- Laser welded, segmented.



Part Number	Size mm Diameter x Bore
<b>Professional Quality</b>	<b>ASPHALT EVO - SEGMENTED</b>
ASPEVO-30020	300 x 2.8 x 10 x 20.0
ASPEVO-30025	300 x 2.8 x 10 x 25.4/20
ASPEVO-35020	350 x 2.8 x 10 x 20.0
ASPEVO-35025	350 x 2.8 x 10 x 25.4/20
ASPEVO-40020	400 x 3.2 x 10 x 20.0
ASPEVO-40025	400 x 3.2 x 10 x 25.4/20

## DIAMOND BLADE - SEGMENTED - GEN. PURPOSE



### For Angle Grinder/Circular Saw/Tile Saw

General Purpose Professional Quality (Wet or Dry Application)

In addition to the materials detailed above, the patented split segment design of the DUO also offers greater cutting speed and longer life when used in hard materials such as granite.

- Patented split segment and arrow gullet design on 230mm blade.
- Improved air cooling capability.
- Fast cutting speeds and long life.
- Laser welded, segmented.



Part Number	Size mm Diameter x Bore
<b>Professional Quality</b>	<b>DUO - GP SEGMENTED</b>
DUO-10520	105 x 2.2 x 10 x 20/16
DUO-11522	115 x 2.2 x 10 x 22.2/20
DUO-12522	125 x 2.2 x 10 x 22.2/20
DUO-18025	180 x 2.5 x 10 x 25.4/22.2
DUO-23025	230 x 2.8 x 12 x 25.4/22.2



### For Demo/Brick/Floor Saws up to 25hp

Multi Application (Wet or Dry Application)

- Patented Seeded Gel technology for longer life and greater cutting speed.
- Versatile blade for cutting a wide range of concrete and masonry materials.
- Laser welded, segmented.



Part Number	Size mm Diameter x Bore
<b>Professional Quality</b>	<b>ZDH400 - GP SEGMENTED</b>
ZDH-30020	300 x 2.5 x 10 x 20.0
ZDH-30025	300 x 2.5 x 10 x 25.4/20.0
ZDH-35020	350 x 2.8 x 10 x 20.0
ZDH-35025	350 x 2.8 x 10 x 25.4/20.0
ZDH-40020	400 x 3.2 x 10 x 20.0
ZDH-40025	400 x 3.2 x 10 x 25.4/20.0

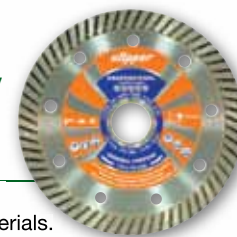
## DIAMOND BLADE - TURBO - GEN. PURPOSE



### Turbo Blades - For Angle Grinder/Circular Saw/Tile Saw

General Purpose Professional Quality (Wet or Dry Application)

- 10mm segment height for long life.
- Good cutting speed in medium to hard building materials.
- Sintered continuous rim with corrugated segments.
- Professional Quality Blades have narrow teeth for clean smooth cuts.



Part Number	Size mm Diameter x Bore
<b>Professional Quality</b>	<b>GENERAL PURPOSE SUPER TURBO</b>
STURBO-10520	105 x 2.2 x 10 x 20/16
STURBO-11522	115 x 2.2 x 10 x 22.2/20
STURBO-12522	125 x 2.2 x 10 x 22.2/20
STURBO-18025	180 x 2.4 x 10 x 25.4/22.2
STURBO-23025	230 x 2.6 x 10 x 25.4/22.2

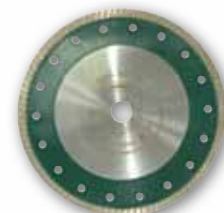


### Extra Thin Turbo Blades - For Angle Grinder/Circular Saw/Tile Saw

Hard Stone and Tile (Wet or Dry Application)

The XT Gres Turbo is a specially developed blade designed to give the highest possible cutting performance in the hardest of ceramic tiles, granite, marble and other hard and dense materials.

- Extra thin turbo style rim ensures a fast cutting speed and exceptional quality of cut.
- Additional strengthening side flanges keeps the cut straight even in the hardest of materials.
- Sintered continuous rim with corrugated segments.



Part Number	Size mm Diameter x Bore
<b>Professional Quality</b>	<b>EXTRA THIN GRES TURBO</b>
XTURBO-10520	105 x 1.2 x 10 x 20/16
XTURBO-11522	115 x 1.2 x 10 x 22.2/20
XTURBO-12522	125 x 1.2 x 10 x 22.2/20
XTURBO-23025	230 x 1.4 x 10 x 25.4/22.2

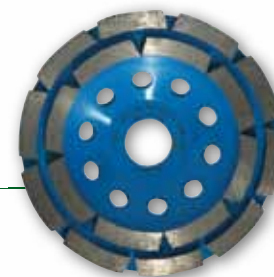
## DIAMOND CUP GRINDER - GEN. PURPOSE



### Double Row Cup Grinder - For Angle Grinders

General Purpose (Dry Application)

- Double row of diamond for fast grinding and longer life than single row Cup Grinders.
- Brazed, segmented.



Part Number	Size mm Diameter x Bore
<b>Classic Quality</b>	<b>CDRC</b>
CDRC-10022	100 x 5.5 x 8 x 22.2/16
CDRC-12522	125 x 5.5 x 8 x 22.2
CDRC-18022	180 x 5.5 x 8 x 22.2
<b>Professional Quality</b>	<b>DRC</b>
DRC-10022	100 x 5.5 x 8 x 22.2/16
DRC-12522	125 x 5.5 x 8 x 22.2
DRC-18022	180 x 5.5 x 8 x 22.2
DRC-100M14	100 x 5.5 x 8 x M14
DRC-125M14	125 x 5.5 x 8 x M14
DRC-180M14	180 x 5.5 x 8 x M14



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## Swirl Cup Grinder - For Angle Grinders

### General Purpose (Dry Application)

For surface grinding all types on concrete, masonry and stone.

- Swirl pattern segments for fast, smooth grinding.
- 100mm and 180mm available with a lower number of segments for even faster grinding.
- Ideal for the removal of concrete floor coatings such as epoxy, paints and glues.
- Brazed, segmented.

Part Number	Size mm Diameter x Bore
<b>Professional Quality</b>	
<b>SWC10-10022</b>	100 x 5.5 x 8 x 22.2/16 - 10 SEGS
<b>SWC18-10022</b>	100 x 5.5 x 8 x 22.2/16 - 18 SEGS
<b>SWC20-12522</b>	125 x 5.5 x 8 x 22.2 - 20 SEGS
<b>SWC12-18022</b>	180 x 5.5 x 8 x 22.2 - 12 SEGS
<b>SWC24-18022</b>	180 x 5.5 x 8 x 22.2 - 24 SEGS



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## Single Row Cup Grinder - For Angle Grinders

### General Purpose (Dry Application)

Designed for fast removal rates on concrete and masonry products.

- Single row of diamond for fast grinding.
- Brazed, segmented

Part Number	Size mm Diameter x Bore
<b>Professional Quality SRC</b>	
<b>SRC-10022</b>	100 x 5.5 x 8 x 22.2/16
<b>SRC-12522</b>	125 x 5.5 x 8 x 22.2
<b>SRC-18022</b>	180 x 5.5 x 8 x 22.2



**clipper®**

## Turbo Cup Grinder - For Angle Grinders

### General Purpose (Dry Application)

- Turbo style grinding face for long life and smooth finish.

Part Number	Size mm Diameter x Bore
<b>Professional Quality TCUP</b>	
<b>TCUP-10022</b>	100 x 5.5 x 20 x 22.2/16
<b>TCUP-12522</b>	125 x 5.5 x 20 x 22.2
<b>TCUP-18022</b>	180 x 5.5 x 20 x 22.2
<b>TCUP-100M14</b>	100 x 5.5 x 20 x M14
<b>TCUP-125M14</b>	125 x 5.5 x 20 x M14
<b>TCUP-180M14</b>	180 x 5.5 x 20 x M14

## DO's and DON'Ts for Diamond Tools



### Safety Information and Advice - Read these instructions to ensure the products are used correctly and safely...

#### Do:

- Do read the safety information supplied with the diamond tools and the machine
- Do store the diamond products in a dry place
- Do check that the correct product has been chosen for the application
- Do handle, store and transport the diamonds products carefully as they can be damaged
- Do disconnect the machine from the power supply before mounting the diamonds tool
- Do examine the diamonds tool before mounting and periodically during the use, for damage and defects (flatness, cracking and excessive wear to the steel of the steel centre : damage to bore area...)
- Do check that the mounting flanges are correct for the machine, clean, undamaged and free from burrs
- Do check machine arbor for damage before mounting blade
- Do make sure that the mounting flanges are correctly fitted and mounting nut/bolt is securely tightened
- Do always use a blade and belt guard ensuring they are correctly fitted and adjusted to ensure maximum protection
- Do ensure that the material to be cut is firmly clamped and cannot move
- Do wear full safety equipment including eye, ear, breathing protection and suitable safety clothing
- Do avoid applying side pressure to the blade which would result in uneven wear and product damage
- Do check the direction of rotation of the blade is the same as that of the machine
- Do check the speed of the blade is compatible to the machine speed and safe to use
- Do make sure that the machine is designed to use diamond products and fully complies with EU directives
- Do be aware of the possible risks when using diamonds products and observe correct safety procedures :
  - Avoid contact with the revolving diamond tool
  - Do not stress the diamond tool which could result in product failure and possible injury
  - Be aware of cutting debris, sparks, fumes and dust generated during the cut
  - Noise
  - Vibration



### Diamond products are dangerous if they are misused...

#### DO NOT :

- Do not allow inexperienced or untrained persons to use diamonds tools
- Do not use a diamond tool which is damaged or has been dropped
- Do not use a diamond tool which cannot be correctly identified
- Do not use a machine which is not in good condition or has defective parts
- Do not force the diamond tool onto a machine or modify the size of the bore to fit a machine
- Do not exceed the maximum operating speed marked on the diamond tool
- Do not apply shocks or excessive force to the diamond blade or let it overheat
- Do not tighten the mounting flanges excessively
- Do not start the machine without the guards being in place and correctly fixed and adjusted
- Do not continue to use a diamond tool which Vibrates excessively
- Do not use a diamond tool on an application that it is not designed for
- Do not start the machine with the diamond tool in contact with material being cut
- Do not try to cut materials that the diamond tool is not designed to cut
- Do not stop the diamond tool while still in the material being cut
- Do not use a diamond tool with missing segments or a cracked steel centre
- Do not cut dry with diamonds tools designed for wet cutting
- Do not wear loose or badly fitting clothing, ties or jewellery when operating machinery
- Do not use diamonds tools near inflammable materials



## Diamond Blade Troubleshooting

### Diamond blade does not cut:

- Cause: The blade is too hard for the material being cut.  
 Solution: Use a softer blade specification.  
 Cause: The segments have become blunt & polished.  
 Solution: Sharpen the segments by cutting in to an abrasive material such as sandstone or abrasive concrete block. If segments continue to become blunt use a softer blade.  
 Cause: Insufficient machine power.  
 Solution: Check that the drive belts are tight and in good condition. Check that the line voltage to motor is correct.

### Excessive blade wear:

- Cause: The blade is too soft for the material being cut.  
 Solution: Use a harder blade specification.  
 Cause: Blade speed too low.  
 Solution: Increase speed on machine or change machine type.  
 Cause: Poor water supply.  
 Solution: Make sure water hoses are clean and free from blockages.  
 Cause: Machine Power too high.  
 Solution: Ensure the blade used is suitable for the power of the machine.  
 The more power the higher the diamond content and quality of blade required.

### Cracking of segments and/or steel centre:

- Cause: Blade is too hard for the material being cut.  
 Solution: Use a softer blade specification.  
 Cause: Blade running at excessive speed.  
 Solution: Check that the blade shaft is running at the correct speed with a tachometer.  
 Cause: Blade is out of tension.  
 Solution: Replace blade or have the blade re-tensioned.

### Segment Loss.

- Cause: Blade is too hard for the material being cut.  
 Solution: Use a softer blade specification.  
 Cause: Material moved during cutting.  
 Solution: Hold material securely when cutting.  
 Cause: Steel core worn thin under segment.  
 Solution: Use a blade with undercut protection segments when cutting abrasive materials such as asphalt. Avoid cutting into abrasive road base and increase water flow to blade if possible to wash out the debris from the cut.

### Uneven segment wear:

- Cause: Segments worn on one side of the blade.  
 Solution: Make sure water feed pipes are clean and free from blockages on both sides of the blade.  
 Cause: Blade not cutting straight.  
 Solution: Check the saw alignment and ensure flanges are clean and free from dirt and of the same size.

### Blade worn out of round.

- Cause: The blade is too hard for the material being cut.  
 Solution: Use a softer blade specification.  
 Cause: Worn or damaged spindle and/or bearings.  
 Solution: Replace spindle and/or bearings.  
 Cause: Oversized or damaged bore.  
 Solution: Use a new diamond blade and/or return damaged blade to the manufacturer for possible repair.  
 Cause: Engine is surging.  
 Solution: Service and tune engine so it runs smoothly.

### Blade Wobbles.

- Cause: Worn or damaged spindle and/or bearings.  
 Solution: Replace spindle and/or bearings.  
 Cause: Flanges are different diameters or too small.  
 Solution: Make sure flanges are of correct diameter for the blade, and are of the same diameter.  
 Cause: Excessive operator cutting pressure.  
 Solution: Use a steady even infeed pressure and always cut in a straight line.  
 Cause: Blade is out of tension.  
 Solution: Replace blade or have the blade re-tensioned.  
 Cause: Blade is bent or damaged.  
 Solution: Replace the blade.

### Undercutting.

- Cause: Steel core worn thin under segment.  
 Solution: Use a blade with undercut protection segments when cutting abrasive materials such as asphalt. Avoid cutting into abrasive road base and increase water flow to blade if possible to wash out the debris from the cut.

## DISCS - BACK UP PADS

**NORTON**



### Multi-Air Backing Pads

- Together with the Multi-Air disc, the backing pad is the other patented sanding system included in the Multi-Air Process.
- It can be applied to all orbital sander machines, and thanks to the innovative design which draws the dust into a collecting chamber, it allows optimal airflow and powerful dust extraction.

Part Number	Description
<b>150mm x Multi-Air</b>	
<b>AM489859</b>	Medium Density
<b>AM489860</b>	Soft Density

**NORTON**



### Fibre Disc Back-Up Pads - Standard Performance

Part Number	Size mm	Description
<b>AM991001</b>	102 x M10-1.50	Fits most 100mm machines
<b>AM097463</b>	100 x M10-1.25	To suit Makita
<b>AM991027</b>	115 x M14-2.00	Fits most 115mm machines
<b>AM991040</b>	125 x M14-2.00	Fits most 125mm machines
<b>AM991053</b>	178 x M14-2.00	Fits most 178mm machines

**NORTON**

### Fibre Disc Turbo Back-Up Pads - High Performance

Part No.	Size mm	Description
<b>AM385611</b>	102 x M10-1.50	Fits most 100mm machines
<b>AM385638</b>	115 x M14-2.00	Fits most 115mm machines
<b>AM991066</b>	125 x M14-2.00	Fits most 125mm machines
<b>AM991079</b>	178 x M14-2.00	Fits most 178mm machines

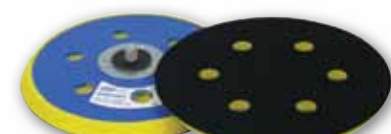
**NORTON**



### Sponge Interface Pads for Speedgrip Discs

Part No.	Description
<b>AM328030</b>	150mm x 6 Holes
<b>AM337293</b>	150mm x 9 Holes

**NORTON**



### Speed-Grip Back-Up Pads

Part No.	Description
<b>AM232041</b>	150mm SGP6 - 5/16" U.N.F.
<b>AM257338</b>	150mm SGRP6 - 5/16" 6 Hole
<b>AM257346</b>	200mm SGP8M - M14 No Hole



# ABRASIVES

**NORTON**

## Medium Speed-Grips Pads

(Stick 'n' Sand Pads Available)



Part Number	Description
AM387711	150mm x No hole
AM387738	150mm x 6+1 hole
AM387746	150mm x 8+1 hole

**NORTON**

## Bear-Tex Back-up Pads (Long Hooks for Surface Conditioning Material)

• For Surface Blending Discs.

Part Number	Description
CX246085	100mm diameter M10-1.25
CX246069	100mm diameter M10-1.5
CX381403	115mm diameter M14-2
CX383767	127mm diameter M14-2
CX235105	178mm diameter M14-2

## DISCS - BACK UP PLATE



**flexovit**

## Zec Grinding Disc Support Pad

• Zec Discs / Support Pads are fitted to angle grinders with standard depressed centre grinding wheel locking nuts.

Part Number	Size
8318115	115/125mm - Individually Display Card
8318140	180mm Zec Disc Support Pad

## DISCS - BEAR-TEX

**NORTON**

## Bear-Tex Rapid Strip Discs

• Cleaning and conditioning without loading.  
• Preparing surfaces before welding.  
• Cleaning and conditioning after welding.  
• Paint and epoxy coating removal.

Part Number	Size mm	Part Number	Size mm
CX353787	100 x 6	CX353795	180 x 22



**NORTON**

## Bear-Tex Rapid Strip Depressed Centre Discs

• Surface preparation.  
• Rapid cleaning and conditioning  
• Rapid paint and coating removal.  
• Rapid rust and residue removal

Part Number	Size mm	Part Number	Size mm
30651	100 x 16	30655	125 x 22
09649	115 x 22	09586	180 x 22



**NORTON**

## Bear-Tex Rapid Blend Surface Conditioning Flap Discs

Bear-Tex Rapid Blend Flap Discs are a format of the coated abrasive flap disc using Bear-Tex Surface Conditioning material as the flap component. The new Rapid Blend Discs give a less aggressive cutting action and will retain a constant finish throughout the life of the disc. Ideal for light metal removal, edge breaking and weld blending in metal fabrication on Aluminium, Steels, Titanium and Inconel.



Part Number	Size mm	Grade /Colour
CX389048	125 x 22	Coarse / Brown
CX389056	125 x 22	Medium / Maroon
CX389064	125 x 22	Very Fine / Blue

**NORTON**

## STE Surface Blending Discs

• Surface blending discs deliver superior, consistent finishes whenever you need to clean, deburr, blend or finish all types of metal, wood and plastic.



Part Number	Size mm
<b>Brown Coarse</b>	
CX235059	100 x Blank
CX383686	115 x Blank
CX383694	127 x Blank
CX235083	178 x Blank
<b>Maroon Medium</b>	
CX235040	100 x Blank
CX383708	115 x Blank
CX383716	127 x Blank
CX235075	178 x Blank
<b>Blue Very Fine</b>	
CX383724	100 x Blank
CX383732	115 x Blank
CX383740	127 x Blank
CX235067	178 x Blank

## DISC CONVERTER KIT



**NORTON**

## Speed-Grip Converter Kit (Self Adhesive)

• Converts Stick-on Pads to Speed-Grip System.

Part Number	Description
AM379816	125mm x No Holes
AM339822	150mm x No Holes
AM379824	150mm x 9 Holes
AM339725	178mm x No Holes
AM379832	200mm x No Holes
AM379840	200mm x 8 Holes
AM379859	230mm x No Holes
AM379867	250mm x No Holes
AM379875	305mm x No Holes
AM379883	356mm x No Holes

Other sizes available.



## DISCS - CLEAN & STRIP



### Scotch-Brite™ Clean and Strip XT-DC Disc

- Excellent for cleaning rust, paint, and other surface contaminants, while reducing damage to the underlying surface
- Reduces rework caused by gouging and undercutting from some traditional abrasives
- Raised hub allows for easy attachment to most popular angle grinders

Part Number	Size mm	Part Number	Description
XC000777315	100 x 16 CH	XC000777331	125 x 22mm CH
XC000777323	115 x 22 CH	XC000777349	180 x 22mm CH



### Scotch-Brite™ Clean and Strip Discs - Shaft Mounted

- Extra coarse, open web is designed to handle tough cleaning, coating removal and stripping jobs faster, more effective and safer than wire brushes without loading
- Use on straight shaft tools with collets or chucks
- Available with either one or two discs on a 6mm diameter shaft

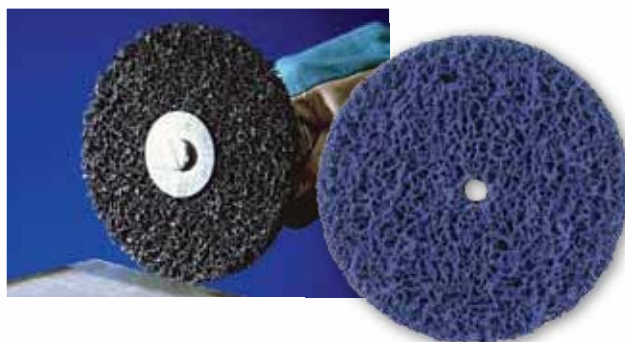
Part Number	1 Disc	Part Number	2 Disc
FN510078085	(CG-ZS) 75mm	FN510078853	(CG-ZS) 75mm
0267203	(CG-ZS) 100mm	FN510078267	(CG-ZS) 100mm
0267211	(CG-ZS) 150mm	FN510078507	(CG-ZS) 150mm



### Scotch-Brite™ Clean and Strip Discs

- Extra coarse with an open web is designed to handle tough cleaning, coating removal and stripping jobs faster, more effective and safer than wire brushes without loading
- CX-DC are more durable and faster acting than the original black version
- Can be used as single discs or multiple loaded onto a spindle and used on edge
- Use No. 934 mandrel for mounting to straight shafted tools

Part Number	Description	Part Number	Description
0286237	CS-DC 100 x 6mm CH	AC010565086	CX-DC 102 x 6mm CH
0286245	CS-DC 150 x 12mm CH	AC010565078	CX-DC 152 x 13mm CH
0286252	CS-DC 178 x 20mm CH	AN000417467	CX-DC 178 x 20mm CH



## DISCS - FIBRE



### ALOX Fibre Discs

Fibre Discs for use on steel, non ferrous metals, plastics, aluminium and wood.

Part Number	Description	Size
69400019	FS 100-16 A16	100mm (4")
69401016	FS 100-16 A24	100mm (4")
69401015	FS 100-16 A36	100mm (4")
69401023	FS 100-16 A60	100mm (4")
69401024	FS 100-16 A80	100mm (4")
69401019	FS 100-16 A100	100mm (4")
69401067	FS 100-16 A120	100mm (4")
64101111	FS 115-22 A16	115mm (4 1/2")
64102111	FS 115-22 A24	115mm (4 1/2")
64103111	FS 115-22 A36	115mm (4 1/2")
64106111	FS 115-22 A60	115mm (4 1/2")
64108111	FS 115-22 A80	115mm (4 1/2")
64110111	FS 115-22 A100	115mm (4 1/2")
64112111	FS 115-22 A120	115mm (4 1/2")
64101125	FS 125-22 A16	125mm (5")
64102125	FS 125-22 A24	125mm (5")
64103125	FS 125-22 A36	125mm (5")
64106125	FS 125-22 A60	125mm (5")
64108125	FS 125-22 A80	125mm (5")
64110125	FS 125-22 A100	125mm (5")
64112125	FS 125-22 A120	125mm (5")
64101175	FS 180-22 A16	180mm (7")
64102175	FS 180-22 A24	180mm (7")
64103175	FS 180-22 A36	180mm (7")
64106175	FS 180-22 A60	180mm (7")
64108175	FS 180-22 A80	180mm (7")
64110175	FS 180-22 A 100	180mm (7")
64112175	FS 1800-22 A120	180mm (7")





# ABRASIVES

## DISCS - FIBRE - BLAZE

**NORTON SG**  
**BLAZE**

### BLAZE F980 Fibre Backed Discs

- The next generation of ceramic fibre discs for metal working applications.
- Cut cooler and last longer than current generation of fibre discs.
- Extra heavy fibre backing for the more robust grinding applications.
- Lower total grinding cost on stainless steel, cobalt, chrome, inconel, titanium and other hard to grind materials.

Part Number	Size mm	Grade	Grit Size
53168	100 x 16	F980	C24
53170	100 x 16	F980	C36
85524	100 x 16	F980	C50
62965	100 x 16	F980	C60
62966	100 x 16	F980	C80
36181	100 x 16	F980	C120
98000	115 x 22	F980	C24
98001	115 x 22	F980	C36
98002	115 x 22	F980	C50
98003	115 x 22	F980	C60
98004	115 x 22	F980	C80
25332	115 x 22	F980	C120
98005	125 x 22	F980	C24
98006	125 x 22	F980	C36
98007	125 x 22	F980	C50
98008	125 x 22	F980	C60
98009	125 x 22	F980	C80
09084	125 x 22	F980	C120
98010	178 x 22	F980	C24
98011	178 x 22	F980	C36
98012	178 x 22	F980	C50
98013	178 x 22	F980	C60
98014	178 x 22	F980	C80
11528	178 x 22	F980	C120



### Zirconia Fibre Discs

Fibre Discs for use on steel, non ferrous metals, plastics, aluminium and wood.

Part Number	Description	Size
69400014	FS 100-16 Z24	100mm (4")
69400016	FS 100-16 Z36	100mm (4")
69400017	FS 100-16 Z60	100mm (4")
69400018	FS 100-16 Z80	100mm (4")
69400015	FS 100-16 Z120	100mm (4")
64202111	FS 115-22 Z24	115mm (4 1/2")
64203111	FS 115-22 Z36	115mm (4 1/2")
64206111	FS 115-22 Z60	115mm (4 1/2")
64208111	FS 115-22 Z80	115mm (4 1/2")



### Zirconia Fibre Discs cont.

Fibre Discs for use on steel, non ferrous metals, plastics, aluminium and wood.

Part Number	Description	Size
64212111	FS 115-22 Z120	115mm (4 1/2")
64202125	FS 125-22 Z24	125mm (5")
64203125	FS 125-22 Z36	125mm (5")
64206125	FS 125-22 Z60	125mm (5")
64208125	FS 125-22 Z80	125mm (5")
64212125	FS 125-22 Z120	125mm (5")
64202175	FS 180-22 Z24	180mm (7")
64203175	FS 180-22 Z36	180mm (7")
64206175	FS 180-22 Z60	180mm (7")
64208175	FS 180-22 Z80	180mm (7")
64212175	FS 180-22 Z120	180mm (7")

## DISC - LOCKIT

**MERIT**  
we know abrasives

### Quick-Change Discs

- Merit Abrasives through Saint-Gobain Abrasives offer a selection of Quick-Change Discs with the Speedlok fastening system.
- Speedlok is compatible to 3M Roloc fastening system.
- Ideal for deburring, blending, cleaning and polishing a variety of materials in a wide range of industries including mining, automotive, metal fabricators, toolrooms, etc.

Part No.	Size mm Diameter	Material Type	Grit Size
492402	51	Alo	36
492404	51	Alo	50
492406	51	Alo	80
492408	51	Alo	120
498404	51	Power Zirc	50
498406	51	Power Zirc	80
492426	51	Zirconia	36
492429	51	Zirconia	60
492430	51	Zirconia	80
440381	51	Surface Conditioning	Coarse (Tan)
440382	51	Surface Conditioning	Medium (Maroon)
440383	51	Surface Conditioning	Very Fine (Blue)
492502	75	Alo	36
492504	75	Alo	50
492506	75	Alo	80
492508	75	Alo	120
498504	75	Power Zirc	50
498506	75	Power Zirc	80
492526	75	Zirconia	36
492529	75	Zirconia	60
492530	75	Zirconia	80
595512	75	Ceramic	36
595515	75	Ceramic	60
595516	75	Ceramic	80
595518	75	Ceramic	120
440481	75	Surface Conditioning	Coarse (Tan)
440482	75	Surface Conditioning	Medium (Maroon)
440483	75	Surface Conditioning	Very Fine (Blue)

Holder Pads with 1/4" Diameter Spindle

Part No.	Size mm Diameter	Material Type	Grit Size
AM337218	51	Medium Firmness	25,000 rpm
AM325643	75	Medium Firmness	20,000 rpm



## DISCS - METALITE FIBRE

**NORTON**

### Metalite Fibre Backed Discs

- Tough, durable aluminium oxide abrasive for fast initial cut.
- Closekote for weld grinding and blending of metal surfaces.
- Light deburring and finishing.



Part Number	Size mm	Grade	Grit Size
CD106038	100 x 16	F226	P16
CD106496	100 x 16	F226	P24
CD106399	100 x 16	F226	P36
CD106186	100 x 16	F226	P50
CD106275	100 x 16	F226	P60
CD105821	100 x 16	F226	P80
CD105899	100 x 16	F226	P100
CD165239	100 x 16	F226	P120
CD106488	115 x 22	F226	P24
CD106356	115 x 22	F226	P36
CD106178	115 x 22	F226	P50
CD106267	115 x 22	F226	P60
CD105813	115 x 22	F226	P80
CD139092	115 x 22	F226	P120
CD139289	125 x 22	F226	P16
CD106453	125 x 22	F226	P24
CD106321	125 x 22	F226	P36
CD106143	125 x 22	F226	P50
CD106224	125 x 22	F226	P60
CD105996	125 x 22	F226	P80
CD105856	125 x 22	F226	P100
CD105708	125 x 22	F226	P120
CD106526	178 x 22	F226	P16
CD106429	178 x 22	F226	P24
CD106313	178 x 22	F226	P36
CD106100	178 x 22	F226	P50
CD106216	178 x 22	F226	P60
CD105775	178 x 22	F226	P80
CD105619	178 x 22	F226	P100
CD105716	178 x 22	F226	P120

## DISCS - NORZON FIBRE

**NORTON**

### NorZon Fibre Backed Discs

- Premium self-sharpening zirconia aluminium oxide for fast, aggressive cut.
- Closekote for heavy stock removal of metal.



Part Number	Size mm	Grade	Grit Size
CD150614	100 x 16	F827	Z24
CD194085	100 x 16	F827	Z36
CD193046	100 x 16	F827	Z60
CD211036	115 x 22	F827	Z24
CD123897	115 x 22	F827	Z36
CD021954	115 x 22	F827	Z60
CD383619	125 x 22	F827	Z24
CD123927	125 x 22	F827	Z36
CD150657	125 x 22	F827	Z60
CD123900	178 x 22	F827	Z24
CD123919	125 x 22	F827	Z36
CD123935	125 x 22	F827	Z60

## DISCS - NORZON FIBRE PLUS

**NORTON**

### NorZon Plus Fibre Backed Discs for Industrial Stainless Steel Fabricators

- Norzon PLUS fibre discs are best used on stainless and heat sensitive steels.
- Norzon PLUS has a supersize coating which produces a cooler cutting action with extended disc life, when grinding or blending.



Part Number	Size mm	Grade	Grit Size
29135	100 x 16	F861	Z36
29137	100 x 16	F861	Z60
29138	100 x 16	F861	Z80
29139	100 x 16	F861	Z120
95190	115 x 22	F861	Z36
95192	115 x 22	F861	Z60
95193	115 x 22	F861	Z80
95194	115 x 22	F861	Z120
95195	125 x 22	F861	Z36
95198	125 x 22	F861	Z60
95199	125 x 22	F861	Z80
95200	125 x 22	F861	Z120
95201	180 x 22	F861	Z36
95204	180 x 22	F861	Z60
95206	180 x 22	F861	Z80
95207	180 x 22	F861	Z120

## DISCS - ROLOC

**3M**

### Roloc™ Discs

- 361F - Provides a durable cloth backing designed for general purpose blending and deburring on all metals
- 777F - Works well on heat sensitive metals. Excellent for heavy grinding applications
- 983C - Designed for use in aggressive, high pressure grinding applications where premature edge wear may be a concern.
- Colour button on the back of the disc indicates the grade: Grit 24 = Black Grit, 36 = Brown, 50 = Green Grit, 60 = Orange, 80 = Yellow, 120 = White



Part Number	Description
0175968	P24 - 361F - 75mm
60440208944	P36 - 361F - 75mm
60440209025	P50 - 361F - 75mm
0272765	P80 - 361F - 75mm
0289421	P60 - 777F - 75mm
60650017704	P80 - 777F - 75mm
0290262	P120 - 777F - 75mm
0318476	P36 - 983C - 75mm
0318490	P50 - 983C - 75mm
60440207102	P60 - 983C - 75mm
0318552	P80 - 983C - 75mm
AC010582826	P120 - 983C - 75mm



# ABRASIVES

**3M**

## Scotch-Brite™ Roloc™ Light Grinding and Blending Discs (LGB)



- Light grinding and blending is accomplished with a single disc, potentially eliminating sanding steps prior to painting
- Impregnated mineral throughout the disc which extends disc life and provides a consistent finish
- HD CRS = Heavy Duty Coarse, SD CRS = Super Duty Coarse
- **Accessories:** 3M™ Roloc™ back-up pads (p/n 45095) 50mm x 1/4 in thread, (p/n 45092) 75mm x 1/4 in thread, (p/n 84999) 75mm x M14-2.0

Part Number	Description	Part Number	Description
61500292661	HD CRS – 50mm	61500292687	HD CRS – 75mm
61500292679	SD CRS – 50mm	61500292695	SD CRS – 75mm

**3M**

## Scotch-Brite™ Roloc™ Surface Conditioning Discs (SC-DR)



- Non-woven abrasive product used for cleaning, finishing, blending and deburring applications
- Provides a uniform finish
- Suitable for stainless steel, carbon steel and aluminium
- CRS = Coarse (Brown), MED = Medium (Maroon), VFN = Very Fine (Blue), SFN = Super Fine (Grey)
- **Accessories:** 3M™ Roloc™ back-up pads (p/n 45095) 50mm x 1/4 in thread, (p/n 45092) 75mm x 1/4 in thread, (p/n 84999) 75mm x M14-2.0

Part Number	Description	Part Number	Description
61500141736	CRS – 50mm	61500141801	CRS – 75mm
0262246	MED – 50mm	61500141793	MED – 75mm
0262238	VFN – 50mm	0262279	VFN – 75mm
0346205	SFN – 50mm	0262303	SFN – 75mm

**3M**

## Scotch-Brite™ Roloc™ Bristle Disc



- Able to clean and remove paints, rust and light scale from surfaces without actually abrading the underlying surface
- Unique Cubitron™ mineral provides high cut, while the flexible, plastic bristles conform to the work piece
- Safer than some traditional coating removal methods such as wire technology

Part Number	Description	Part Number	Description
0382283	50G 50mm	0382325	50G 75mm
0382291	80G 50mm	0382333	80G 75mm
0382309	120G 50mm	0382341	120G 75mm

## DISCS - SPEED-GRIP - ADALOX

**NORTON**



### Adalox Paper Backed Speed-Grip Discs

- Preparing primed and painted surfaces for finishing.
- Stripping primer and paint.
- Sanding of plastic and fibreglass.
- Light weld blending and deburring.
- Bare wood sanding.
- Finishing metal of all types.

Part Number	Size mm	Grade	Grit Size
To suit: Triton R.O.S., B&D 190			
CD343110	125 x Blank	H211	P40E
CD343129	125 x Blank	H211	P60E
CD343137	125 x Blank	H211	P80E
CD343145	125 x Blank	H211	P120E
CD343153	125 x Blank	H211	P180E
CD379662	125 x Blank	H211	P240E
To suit: Bosch PEX 125A, Makita BO5000, Metabo SXE 425, Hitachi FSV13Y, AEG, DeWalt DW421, B&D 190E			
CD300268	125 x 8 holes	H211	P40E
CD300276	125 x 8 holes	H211	P60E
CD300284	125 x 8 holes	H211	P80E
CD300288	125 x 8 holes	H211	P100E
CD300292	125 x 8 holes	H211	P120E
CD300306	125 x 8 holes	H211	P180E
CD336807	125 x 8 holes	H211	P240E

Other sizes available.

## DISC - SPEED-GRIP - NO-FIL

**NORTON**



### No-Fil Adalox A275 Paper Backed Speed-Grip Discs

- Premium P-graded, heat treated aluminium oxide abrasive for superior life, faster cut rate, consistent finish.
- Unique fibre-reinforced, B-wt latex-saturated backing for 50-60% improvement in tear strength. Flexible; can be used wet.
- Water-based stearate, non-pigmented, No-Fil coating provides maximum load resistance and extended life; no colour transfer to work.
- Openkote for finishing timber and painted surfaces.

Part Number	Size mm	Grade	Grit Size
CD353496	80 x Blank	A275	P80B
CD353497	80 x Blank	A275	P120B
CD353498	80 x Blank	A275	P150B
CD353499	80 x Blank	A275	P180B
CD353500	80 x Blank	A275	P240B
CD353501	80 x Blank	A275	P320B
CD353502	80 x Blank	A275	P400B
CD353503	80 x Blank	A275	P600B
CD353504	80 x Blank	A275	P800B
CD353505	80 x Blank	A275	P1200B
CD353506	80 x Blank	A275	P1500B
CD257516	150 x Blank	A275	P80B
CD257524	150 x Blank	A275	P100B
CD257532	150 x Blank	A275	P120B
CD257710	150 x Blank	A275	P150B
CD257540	150 x Blank	A275	P180B
CD257559	150 x Blank	A275	P240B
CD257567	150 x Blank	A275	P320B
CD377937	150 x Blank	A275	P600B



**NORTON**

## No-Fil Adalox A275 Paper Backed Speed-Grip Discs (cont.)



Part Number	Size mm	Grade	Grit Size
CD353566	150 x 6+1 Hole Vacuum	A275	P80B
CD353574	150 x 6+1 Hole Vacuum	A275	P120B
CD353582	150 x 6+1 Hole Vacuum	A275	P150B
CD353590	150 x 6+1 Hole Vacuum	A275	P180B
CD353604	150 x 6+1 Hole Vacuum	A275	P240B
CD353612	150 x 6+1 Hole Vacuum	A275	P320B
CD353620	150 x 6+1 Hole Vacuum	A275	P400B
CD368946	150 x 6+1 Hole Vacuum	A275	P500B
CD353639	150 x 6+1 Hole Vacuum	A275	P600B
CD354775	150 x 6+1 Hole Vacuum	A275	P800B
CD353647	150 x 6+1 Hole Vacuum	A275	P1200B
CD353655	150 x 6+1 Hole Vacuum	A275	P1500B

## DISC - SURFACE CONDITIONING



### CDR Type - Surface Conditioning

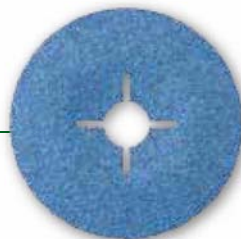
Fibre Discs for use on steel, non-ferrous metals, plastics, aluminium and wood.  
G = Coarse (Brown), M = Medium (Maroon), S = Fine (Blue)

Part Number	Description	Size
42781501	Non-Woven Discs CDR VRH 50 A Coarse	50mm (2")
42781502	Non-Woven Discs CDR VRH 50 A Medium	50mm (2")
42781504	Non-Woven Discs CDR VRH 50 A Very Fine	50mm (2")
42781751	Non-Woven Discs CDR VRH 75 A Coarse	75mm (3")
42781752	Non-Woven Discs CDR VRH 75 A Medium	75mm (3")
42781754	Non-Woven Discs CDR VRH 75 A Very Fine	75mm (3")

**3M**

### 581C Fibre Discs

- Provides good performance and consistent quality finish, at economical price
- Alumina Zirconia mineral, with a Vulcanized Fibre backing
- A Thermoformed shape and slotted centre hole means the disc conforms to the back up pad, maximising disc life and creating safer working conditions
- Accessories:** Back-Up Pads (p/n 07312) 100mm - M10-1.5 retaining nut. (p/n 09584) 125mm - both a M14-2.0 & 5/8 in retaining nut included. (p/n 09921) 180mm - both a M14-2.0 & 5/8 in retaining nut included



Part Number	Description
GC800984475	P24 100 x 16mm
GC800984608	P36 100 x 16mm
GC800984681	P60 100 x 16mm
GC800984723	P80 100 x 16mm
GC800984582	P24 125 x 22mm
GC800984632	P36 125 x 22mm
GC800984707	P60 125 x 22mm
GC800984749	P80 125 x 22mm
GC800984558	P120 125 x 22mm
GC800984590	P24 180 x 22mm
GC800984665	P36 180 x 22mm
GC800984731	P80 180 x 22mm
GC800984566	P120 180 x 22mm

**3M**

## Scotch-Brite™ Light Grinding and Blending Discs (LGB)



- Light grinding and blending is accomplished with a single disc, potentially eliminating sanding steps prior to painting
- Impregnated mineral throughout the disc which extends disc life and provides a consistent finish
- Use with Centre-Pin Contact Disc Pads for reduced tool vibration and risk of "disc fly-off"
- Accessories:** Centre-Pin Back-Up Pads (p/n 61677) 100mm - M10-1.5. (p/n 61680) 115mm - M14-2.0. (p/n 61681) 125mm x M14-2.0. (p/n 61682) 125mm x M14-2.0.

Part Number	Description	Part Number	Description
61500292497	HD CRS 100 x 16mm CH	61500292489	HD CRS 125 x 22mm CH
61500292505	SD CRS 100 x 16mm CH	61500292539	SD CRS 125 x 22mm CH
61500292448	HD CRS 115 x 22mm CH	61500292596	HD CRS 180 x 22mm CH
61500292455	SD CRS 115 x 22mm CH	61500292562	SD CRS 180 x 22mm CH

**3M**

## Scotch-Brite™ Surface Conditioning Discs (SC-DH)



- Non-woven abrasive product used for cleaning, finishing, blending and deburring applications
- Provides a uniform finish
- Suitable for stainless steel, carbon steel and aluminium
- Use with Centre-Pin Contact Disc Pads for reduced tool vibration and risk of "disc fly-off"
- CRS = Coarse (Brown), MED = Medium (Maroon), VFN = Very Fine (Blue), SFN = Super Fine (Grey)
- Accessories:** Centre-Pin Back-Up Pads (p/n 61677) 100mm - M10-1.5. (p/n 61680) 115mm - M14-2.0. (p/n 61681) 125mm x M14-2.0. (p/n 61682) 125mm x M14-2.0.

Part Number	Description	Part Number	Description
61500291838	CRS - 125 x 22mm CH	61500291853	CRS - 180 x 22mm CH
61500291820	MED - 125 x 22mm CH	61500291507	MED - 180 x 22mm CH
61500291812	VFN - 125 x 22mm CH	61500291846	VFN - 180 x 22mm CH
61500291895	SFN - 125 x 22mm CH	61500291903	SFN - 180 x 22mm CH

## DISCS - FIBRE - COMBI CLICK



### Combi Click Fibre Discs

**Alox** - For general purpose grinding work from coarse to fine grinding in industry and trades.

**Ceramic Cool** - For high performance

**CC-Grind** - For grinding applications

Part Number	Description	Size
64190103	Abr. Disc CC-FS 125 A 36	125mm (5")
64190106	Abr. Disc CC-FS 125 A 60	125mm (5")
64190108	Abr. Disc CC-FS 125 A 80	125mm (5")
64190112	Abr. Disc CC-FS 125 A 120	125mm (5")
64193106	Abr. Disc CC-FS 125 CO-COOL 60	125mm (5")
64193108	Abr. Disc CC-FS 125 CO-COOL 80	125mm (5")
64193112	Abr. Disc CC-FS 125 CO-COOL 120	125mm (5")
64183125	CC-Grind Disc 125 Steel	125mm (5")
44890150	Backing Pad CC-GT 115-125 M14	125mm (5")



# ABRASIVES

## FAN GRINDERS



### ALOX Fan Grinders

High stock removal rate due to aggressive abrasive materials. The textile elements wear off uniformly and without residue on the material surface.

Part Number	Description	Size
44400086	Fan Grinder F 2010/6 A 80	20 x 10
47800090	Fan Grinder F 2515/6 A 60	25 x 15
44410086	Fan Grinder F 2525/6 A 80	25 x 25
44402066	Fan Grinder F 3010/6 A 60	30 x 10
44402086	Fan Grinder F 3010/6 A 80	30 x 10
47801092	Fan Grinder F 4020/6 A 60	40 x 20
44408086	Fan Grinder F 4020/6 A 80	40 x 20
44505066	Fan Grinder F 5010/6 A 60	50 x 10
44503066	Fan Grinder F 5030/6 A 60	50 x 30
44503086	Fan Grinder F 5030/6 A 80	50 x 30
44509046	Fan Grinder F 6030/6 A 40	60 x 30
44509066	Fan Grinder F 6030/6 A 60	60 x 30
44509086	Fan Grinder F 6030/6 A 80	60 x 30
44516046	Fan Grinder F 8050/6 A 40	80 x 50

**Note:** A full range of Sizes and Grits is available.

## FLAP DISCS - ALUM OXIDE



### Premium SG Polifans - ALOX

Ideal for grinding use on bar, angle iron, flat bar, sheet steel, welds and tube.

Part Number	Description	Size
67604100	FLAP DISC PFF 100 A 40 SG	100mm (4")
67606100	FLAP DISC PFF 100 A 60 SG	100mm (4")
67608100	FLAP DISC PFF 100 A 80 SG	100mm (4")
67612100	FLAP DISC PFF 100 A 120 SG	100mm (4")
67704115	FLAP DISC PFC 115 A 40 SG	115mm (4 1/2")
67706115	FLAP DISC PFC 115 A 60 SG	115mm (4 1/2")
67708115	FLAP DISC PFC 115 A 80 SG	115mm (4 1/2")
67712115	FLAP DISC PFC 115 A 120 SG	115mm (4 1/2")
67704125	FLAP DISC PFC 125 A 40 SG	125mm (5")
67706125	FLAP DISC PFC 125 A 60 SG	125mm (5")
67708125	FLAP DISC PFC 125 A 80 SG	125mm (5")
67712125	FLAP DISC PFC 125 A 120 SG	125mm (5")
67702185	FLAP DISC PFC 180 A 24 SG	180mm (7")
67704185	FLAP DISC PFC 180 A 40 SG	180mm (7")
67706185	FLAP DISC PFC 180 A 60 SG	180mm (7")
67708185	FLAP DISC PFC 180 A 80 SG	180mm (7")
67712185	FLAP DISC PFC 180 A 120 SG	180mm (7")

**Note:** A full range of sizes and grits is available.

## FLAP DISCS - ALUMINIUM OXIDE



### Flap Discs - Aluminium Oxide

Manufactured in high quality Aluminium Oxide grain with glass fibre backing to give superior performance.

Part No.	Size mm	Grit	Specs	Max R.P.M.
9890040	100 x 16	40	A/O GFCA	15000
9890060	100 x 16	60	A/O GFCA	15000
9890080	100 x 16	80	A/O GFCA	15000
9890120	100 x 16	120	A/O GFCA	15000
9891040	115 x 22	40	A/O GFCA	13000
9891060	115 x 22	60	A/O GFCA	13000
9891080	115 x 22	80	A/O GFCA	13000
9893040	125 x 22	40	A/O GFCA	12000
9893060	125 x 22	60	A/O GFCA	12000
9893080	125 x 22	80	A/O GFCA	12000
9893120	125 x 22	120	A/O GFCA	12000
9892040	180 x 22	40	A/O GFCA	8600
9892060	180 x 22	60	A/O GFCA	8600
9892080	180 x 22	80	A/O GFCA	8600
9892120	180 x 22	120	A/O GFCA	8600

## FLAP DISC - BLAZE



### SG Blaze R980 Flap Discs

- New SG Blaze flap discs – demonstrated to last 50 to 200% longer on hard-to-grind materials.
- Featuring next generation SG® ceramic grain, designed to continually fracture during grinding to expose new cutting edges.

Part No.	Size mm	Grit	Specs	Max R.P.M.
12097	100 x 16	40	R980	15000
93211	100 x 16	60	R980	15000
12098	100 x 16	80	R980	15000
83487	115 x 22	40	R980	13000
83488	115 x 22	60	R980	13000
83489	115 x 22	80	R980	13000
90002	125 x 22	40	R980	12000
90003	125 x 22	60	R980	12000
90004	125 x 22	80	R980	12000
83495	180 x 22	40	R980	8600
83496	180 x 22	60	R980	8600
83497	180 x 22	80	R980	8600

## FLAP DISCS - CURVE



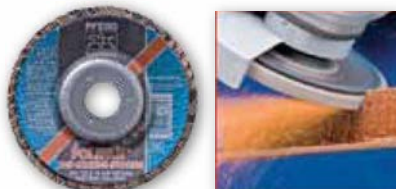
### NEW! Polifan Curve

The new POLIFAN CURVE SG-PLUS flap disc has an innovative radial shape to optimize fillet weld operations on steel and INOX workpieces. POLIFAN CURVE SG-PLUS flap discs are specially designed to provide fast, aggressive grinding with a very high rate of material removal.

Part Number	Description	Size
67689052	FLAP DISC PFR 125 Z 40 SGP-Curve-M	125mm (5")
67689062	FLAP DISC PFR 125 Z 40 SGP-Curve-L	125mm (5")
67689056	FLAP DISC PFR C060-Curve-M	125mm (5")
67689066	FLAP DISC PFR C060-Curve-L	125mm (5")



## FLAP DISCS - STRONG



### NEW! Polifans - Strong

The patented construction of the POLIFAN STRONG flap disc provides extraordinary stability. The extended flap length allows for continued aggressive grinding up to the last grain. Removes more material in less time than any grinding wheel or competitive flap disc on the market!

Part Number	Description	Size
67788015	FLAP DISC PFC 115 Z 36 SGP-Strong	115mm (4 1/2")
67788115	FLAP DISC PFC 115 Z 50 SGP-Strong	115mm (4 1/2")
67788025	FLAP DISC PFC 125 Z 36 SGP-Strong	125mm (5")
67788125	FLAP DISC PFC 125 Z 50 SGP-Strong	125mm (5")

## FLAP DISCS - ZIRCONIA



### Premium SG Polifans - Zirconia

- Ideal for grinding use on bar, angle iron, flat bar, sheet steel, welds and tube.

Part Number	Description	Size
67650104	FLAP DISC PFF 100 Z 40 SGP-SPECIAL	100mm (4")
67650106	FLAP DISC PFF 100 Z 60 SGP-SPECIAL	100mm (4")
67650108	FLAP DISC PFF 100 Z 80 SGP-SPECIAL	100mm (4")
67784115	FLAP DISC PFC 115 Z 40 SG	115mm (4 1/2")
67786115	FLAP DISC PFC 115 Z 60 SG	115mm (4 1/2")
67750208	FLAP DISC PFC 115 Z 80 SGP-SPECIAL	115mm (4 1/2")
67784125	FLAP DISC PFC 125 Z 40 SG	125mm (5")
67786125	FLAP DISC PFC 125 Z 60 SG	125mm (5")
67750308	FLAP DISC PFC 125 Z 80 SGP-SPECIAL	125mm (5")
67784185	FLAP DISC PFC 180 Z 40 SG	180mm (7")
67786185	FLAP DISC PFC 180 Z 60 SG	180mm (7")
67750408	FLAP DISC PFC 180 Z 80 SGP-SPECIAL	180mm (7")



### Zirconium Flap Discs

#### Garryson HEAVY DUTY Flap Discs

Garryson Heavy Duty Flap Discs are manufactured using reinforced glass fibre backs and zirconia grit. These flap discs are particularly suited to weld removal, grinding and clean up on steel, stainless steel and aluminium. Discs fit directly onto machine - no backing pads are needed.

Part Number	Diameter (mm)	Bore (mm)	Grit	Maximum Safe Speed (RPM)
FDBZ10016036	100	16	36	15,300
FDBZ10016040	100	16	40	15,300
FDBZ10016060	100	16	60	15,300
FDBZ10016080	100	22	80	15,300
FDBZ10016120	100	22	120	15,300
FDBZ11522036	115	22	36	13,300
FDBZ11522040	115	22	40	13,300
FDBZ11522060	115	22	60	13,300



### Zirconium Flap Discs cont.

Part Number	Diameter (mm)	Bore (mm)	Grit	Maximum Safe Speed (RPM)
FDBZ11522080	115	22	80	13,300
FDBZ11522120	115	22	120	13,300
FDBZ12722036	127	22	36	12,000
FDBZ12722040	127	22	40	12,000
FDBZ12722060	127	22	60	12,000
FDBZ12722080	127	22	80	12,000
FDBZ12722120	127	22	120	12,000
FDBZ18022036	180	22	36	8,600
FDBZ18022040	180	22	40	8,600
FDBZ18022060	180	22	60	8,600
FDBZ18022080	180	22	80	8,600
FDBZ18022120	180	22	120	8,600



### Megaline Blue Flap Discs - Zirconia

Manufactured in high quality Zirconia grain with glass fibre backing to give superior performance.



Part No.	Size mm	Grit	Specs	Max R.P.M.
9800040	100 x 16	40	Zirc GFCZ	15000
9800060	100 x 16	60	Zirc GFCZ	15000
9800080	100 x 16	80	Zirc GFCZ	15000
9800120	100 x 16	120	Zirc GFCZ	15000
9801040	115 x 22	40	Zirc GFCZ	13000
9801060	115 x 22	60	Zirc GFCZ	13000
9801080	115 x 22	80	Zirc GFCZ	13000
9801120	115 x 22	120	Zirc GFCZ	13000
9803040	125 x 22	40	Zirc GFCZ	12000
9803060	125 x 22	60	Zirc GFCZ	12000
9803080	125 x 22	80	Zirc GFCZ	12000
9803120	125 x 22	120	Zirc GFCZ	12000
9802040	180 x 22	40	Zirc GFCZ	8600
9802060	180 x 22	60	Zirc GFCZ	8600
9802080	180 x 22	80	Zirc GFCZ	8600
9802120	180 x 22	120	Zirc GFCZ	8600

## FLAP DISCS - ZIRCONIA - MEGALINE TWIN



### Flap Discs

#### Excellent grinding and finishing:

- Weld grinding
- Rust removal
- Surface preparation
- Deburring
- Blending
- Paint removal
- Edge grinding

#### Operator Friendly:

- Light pressure
- Light in weight
- Requires no back up pad.

#### Material Applications:

For aluminium, carbon steel, stainless steel, cast iron, plastics, bronze and brass.



### Megaline Twin Flap Discs - SG / Zirconia

Twin Flap Discs are the latest innovation of Flap Discs, they use 2 cloths and alternately place one after the other. This technology develops a premium flap disc with high stock removal, fast cutting and cool grinding whilst delivering an extended disc life. Ideal for use on stainless steel and other heat sensitive materials.



Part No.	Size mm	Grit	Specs	Max R.P.M.
9870040	100 x 16	40	SGZirc GFC	15000
9870060	100 x 16	60	SGZirc GFC	15000
9870080	100 x 16	80	SGZirc GFC	15000
9873040	125 x 22	40	SGZirc GFC	12000
9873060	125 x 22	60	SGZirc GFC	12000
9873080	125 x 22	80	SGZirc GFC	12000



# ABRASIVES

## FLAP WHEELS



### Garryson Flap Wheels

GARRYSON FLAP WHEELS offer a quick and economical solution to sanding on both flat and contoured surfaces. Garryson Flap Wheels are manufactured using the highest quality industrial cloth and the design of the wheels is such that, as the flaps wear down, new abrasive is continuously exposed extending the life of the wheel. This action also prevents clogging and gives a uniform, consistent finish throughout the life of the wheel. All flap wheels have a 6mm shaft and are suitable for portable air or electric tools such as die grinders, flexible shafts and hand drills. Ideal for removing rust, clean up of welds or other contaminants from stainless steel, wood, aluminium, ceramic or leather.

Diameter	Width	40 Grit	60 Grit	80 Grit
30mm	10mm	FW3010040	FW3010060	FW3010080
30mm	15mm	FW3015040	FW3015060	FW3015080
40mm	10mm	FW4010040	FW4010060	FW4010080
40mm	15mm	FW4015040	FW4015060	FW4015080
40mm	20mm	FW4020040	FW4020060	FW4020080
40mm	25mm	FW4025040	FW4025060	FW4025080
50mm	10mm	FW5010040	FW5010060	FW5010080
50mm	15mm	FW5015040	FW5015060	FW5015080
50mm	20mm	FW5020040	FW5020060	FW5020080
50mm	25mm	FW5025040	FW5025060	FW5025080
50mm	30mm	FW5030040	FW5030060	FW5030080
60mm	15mm	FW6015040	FW6015060	FW6015080
60mm	20mm	FW6020040	FW6020060	FW6020080
60mm	30mm	FW6030040	FW6030060	FW6030080
60mm	40mm	FW6040040	FW6040060	FW6040080
60mm	50mm	FW6050040	FW6050060	FW6050080
80mm	15mm	FW8015040	FW8015060	FW8015080
80mm	20mm	FW8020040	FW8020060	FW8020080
80mm	30mm	FW8030040	FW8030060	FW8030080
80mm	40mm	FW8040040	FW8040060	FW8040080
80mm	50mm	FW8050040	FW8050060	FW8050080

All sizes above are also available in 120, 240 and 300 grit. Josco carry a full range of carded and bulk premium flap wheels in Australia.

## FLAP WHEELS

NORTON

### Norton Flap Wheels

- Designed to deliver a consistent finish with a uniform rate of cut, flap wheels have a continual rate of wear which exposes a new abrasive. Their construction also makes them ideal for sanding contours and uneven surfaces.
- For metal fabrication, blending welds, deburring, cleaning and finishing.
- Also for machine sanding on paint and timber.
- Their construction also makes them ideal for sanding contours and uneven surfaces.



Part Number	Size mm	Grit
<b>3mm Spindle</b>		
CK382000	30 x 10	P60
CK382019	30 x 10	P80
CK382027	30 x 10	P120
CK382035	30 x 10	P150
CK382043	30 x 10	P240
CK382051	30 x 10	P320

NORTON

### Flap Wheels (cont.)

- Their construction also makes them ideal for sanding contours and uneven surfaces.

Part Number	Size mm	Grit
<b>6mm Spindle</b>		
CK382078	30 x 10	P60
CK382086	30 x 10	P80
CK382094	30 x 10	P120
CK382108	30 x 10	P150
CK382116	30 x 10	P240
CK382124	30 x 10	P320
<b>6mm Spindle</b>		
CK382132	30 x 15	P60
CK382140	30 x 15	P80
CK382159	30 x 15	P120
CK382167	30 x 15	P150
<b>6mm Spindle</b>		
CK382175	40 x 10	P60
CK382183	40 x 10	P80
CK382191	40 x 10	P120
CK382205	40 x 10	P150
CK382213	40 x 10	P240
CK382221	40 x 10	P320
<b>6mm Spindle</b>		
CK382248	40 x 15	P60
CK382256	40 x 15	P80
CK382264	40 x 15	P120
<b>6mm Spindle</b>		
CK382280	40 x 20	P60
CK382299	40 x 20	P80
CK382302	40 x 20	P120
<b>6mm Spindle</b>		
CK382353	50 x 20	P60
CK382361	50 x 20	P80
CK382388	50 x 20	P120
<b>6mm Spindle</b>		
CK382396	50 x 30	P60
CK382418	50 x 30	P80
CK382426	50 x 30	P120
CK382434	50 x 30	P150
CK382442	50 x 30	P240
<b>6mm Spindle</b>		
CK382450	60 x 15	P60
CK382469	60 x 15	P80
<b>6mm Spindle</b>		
CK382477	60 x 20	P60
CK382485	60 x 20	P80
CK382493	60 x 20	P120
<b>6mm Spindle</b>		
CK382515	60 x 30	P60
CK382523	60 x 30	P80
CK382531	60 x 30	P120
CK382558	60 x 30	P150
CK382566	60 x 30	P240
CK382574	60 x 30	P320
<b>6mm Spindle</b>		
CK382582	60 x 40	P60
CK382590	60 x 40	P80
CK382604	60 x 40	P120
<b>6mm Spindle</b>		
CK382612	60 x 50	P60
CK382620	60 x 50	P80
CK382639	60 x 50	P120



## FLAP WHEELS - SANITIZING

**NORTON**

### Satinex Wheels

- In production applications satinizing, blending and de-oxidizing of stainless steel is required for commercial kitchens and other related food equipment manufacturers.
- Satinex Wheels offer a quick, easy and inexpensive solution to these requirements.
- Also suitable for use on mild and carbon steels, copper, brass and aluminium.
- Satinex Wheels are 110mm x 100mm x 19mm with a keyway centre hole.



Part Number	Material Type	Grit Size
<b>Abrasive Cloth Flap Wheels</b>		
69354	R265	P80
56744	R265	P120
57191	R265	P180
<b>Bear-Tex Flap Wheels</b>		
57187	Alo	Medium
57189	Alo	Fine
56875	Sil	Fine
<b>Bear-Tex Interleaf Flap Wheel</b>		
56736	SiC	P80
56741	SiC	P150
<b>Bear-Tex Rapid Strip Wheel</b>		
57184	SiC	P80

## GRINDING DISCS

**3M**

### Green Corps™ Flexible Grinding Discs

- Constructed with 3M's premium Cubitron™ abrasive mineral
- Ideal for working on thinner gauged metal applications where controlled stock removal rates are required
- Inox discs are designed to provide superior cut rates and life
- Excellent alternative to rigid grinding discs when working on contoured surfaces
- Back-up Plate for use only used with flexible grinding disc



Part No.	Description	Part No.	Description
0387001	36G 125 x 3 x 22mm CH	0387027	60G 125 x 3 x 22mm CH
0387019	46G 125 x 3 x 22mm CH		

### Green Corps Back-up Pads

Part Number	Description
0387092	Green Corps™ Flexible Grinding Disc Back-up Plate 100mm
0387100	Green Corps™ Flexible Grinding Disc Back-up Plate 115/125mm
XC002032222	Green Corps™ Flexible Grinding Disc 80G 125 x 2 x 33mm CH
0176040	Green Corps™ Flexible Grinding Disc Back-up Plate 100mm

**3M**

### Green Corps™ Rigid Grinding Discs

- Constructed with 3M's premium Cubitron™ abrasive mineral
- Ideal for heavy-duty stock removal applications and grinders with higher torque ratings
- Used for removing excess welding bead before weld blending process step and post-weld cleanup



Part Number	Description	Part Number	Description
XC002057088	24G 100 x 6 x 16mm	XC002057393	24G 180 x 6 x 22mm
XC002058748	24G 115 x 6 x 22mm	XC002058714	24G 230 x 6 x 22mm
XC002058755	24G 125 x 6 x 22mm		

## GRINDING DISC - FLEXIBLE - CONCRETE

**flexOvit**

### Zec Grinding Discs - Silcon Carbide

- For rough grinding of all concrete and stone materials.
- Excellent finishing product.



Part Number	Size mm	Specification	Max R.P.M.
8310216	100 x 16	SC16	15000
8310224	100 x 16	SC24	15000
8310236	100 x 16	SC36	15000
8311516	115 x 22	SC16	13000
8311524	115 x 22	SC24	13000
8311536	115 x 22	SC36	13000
8312516	125 x 22	SC16	12000
8312524	125 x 22	SC24	12000
8312536	125 x 22	SC36	12000
8318016	180 x 22	SC16	8600
8318024	180 x 22	SC24	8600
8318036	180 x 22	SC36	8600

## GRINDING DISC - FLEXIBLE - STEEL

**flexOvit**

### Flexible Discs "AC" Specialty Grinding and Finishing Products

- AC series used for light weld grinding, blending and polishing. Excellent for low pressure applications. Finishing most metals. A special back up pad is included in each standard pack.



Part Number	Size mm	Specification	Max R.P.M.
8210236	100 x 3 x 16	AC36	15000
8210246	100 x 3 x 16	AC46	15000
8210260	100 x 3 x 16	AC60	15000
8210280	100 x 3 x 16	AC80	15000
8211536	115 x 3 x 22	AC36	13000
8211546	115 x 3 x 22	AC46	13000
8211560	115 x 3 x 22	AC60	13000
8212736	125 x 3 x 22	AC36	12000
8212746	125 x 3 x 22	AC46	12000
8212760	125 x 3 x 22	AC60	12000
8217836	180 x 3 x 22	AC36	8600
8217846	180 x 3 x 22	AC46	8600
8217860	180 x 3 x 22	AC60	8600

## GRINDING DISC - FLEXIBLE - STAINLESS

**flexOvit**

### Flexible Discs "WA" Specialty Grinding and Finishing Products

- For light weld grinding, blending and polishing of stainless steels and other hard alloy steels with minimal pressure.
- Free of iron.



Part Number	Size mm	Specification	Max R.P.M.
82310036	100 x 3 x 16	WA36	15000
82310046	100 x 3 x 16	WA46	15000
82310060	100 x 3 x 16	WA60	15000
82311546	115 x 3 x 22	WA46	13000
82312546	125 x 3 x 22	WA46	12000
82318046	180 x 3 x 22	WA46	8600



# ABRASIVES

## DISC - GRINDING - PLASTIC BACKED



### Zec Plastic Backed Grinding Discs

- For rough grinding of all concrete / stone materials.
- Excellent finishing product.

Part Number	Size mm	Specification	Max R.P.M.
831816PC	180 x 22	PC16	8600
831824PC	180 x 22	PC24	8600
831836PC	180 x 22	PC36	8600

## GRINDING WHEELS - DEPRESSED CENTRE - ALUM



### Premium Aluminium

- Achieves outstanding stock removal rates even at low contact pressure.
- Suitable for use on angle grinders of all out-put categories.

Part Number	Description	Size
62212622	E 125-7 A 24 N SG-ALU	125mm (5")
62217622	E 178-7 A 24 N SG-ALU	178mm (7")
62223700	E 230-7 A 24 N SG-ALU	230mm (9")

## GRINDING WHEEL - DEPR. CENTRE - FOUNDRY



### Foundry Wheels

These grinding wheels have proven to be outstanding on applications such as high-alloy steel, stainless steel, white iron castings, steel/nodular and grey cast iron.

**ZA24P Inox soft grade** - For harder metals and faster stock removal.

**ZA24R Inox soft grade** - For harder metals and longer wheel life.

**ZA203R medium grade** - For softer metals and longer wheel life.

Part Number	Size mm	Specification	Max R.P.M.
65110070	100 x 7.0 x 16	ZA24R-BF27 INOX	15300
65210070	100 x 7.0 x 16	ZA203R-BF27	15300
65112570	125 x 7.0 x 22	ZA24R-BF27 INOX	12250
65212570	125 x 7.0 x 22	ZA203R-BF27	12250
65118070	180 x 7.0 x 22	ZA24R-BF27 INOX	8500
65218070	180 x 7.0 x 22	ZA203R-BF27	8500
65123070	230 x 7.0 x 22	ZA24P-BF27 INOX	6650
65223070	230 x 7.0 x 22	ZA24R-BF27 INOX	6650
65323070	230 x 7.0 x 22	ZA203R-BF27	6650

## GRINDING WHEELS - DEPRESSED CENTRE - INOX



### INOX Grinding Wheels

- Grinding wheels provide fast stock removal and long service life for surface grinding, weld grinding and hard edge grinding on steel and other metals.

Part Number	Description	Size
62010620	E 100-6 A 30 N PSF-INOX	100mm (4")
62011631	E 115-7 A 30 M PSF-INOX	115mm (4 1/2")
62012631	E 125-7 A 30 M PSF-INOX	125mm (5")
62017631	E 178-7 A 30 M PSF-INOX	178mm (7")
62023631	E 230-7 A 30 M PSF-INOX	230mm (9")

## GRINDING WHEEL - DEPR. CENTRE - MEGA VIEW



### Mega View Speciality Grinding and Finishing

- Very fast stock removal on ferrous metal welds and structural steels.
- Suitable for stainless steel applications.
- Available in grits 36 for grinding and 60 grit for polishing.

Part Number	Size mm	Specification	Max R.P.M.
72511536	115 x 4 x 22	A36T-BF29	13300
72511560	115 x 4 x 22	A60T-BF29	13300
72512536	125 x 4 x 22	A36T-BF29	12250
72512560	125 x 4 x 22	A60T-BF29	12250

## GRINDING WHEELS - DEPRESSED CENTRE - METAL



### General Purpose Grinding Wheels

- General purpose tool.
- Aggressive grinding performance and long tool life.
- For use on steel and cast iron.

Part Number	Description	Size
69900126	E 100-6 A 30 P PSF	100mm (4")
62011634	E 115-7 A 30 P PSF	115mm (4 1/2")
62012634	E 125-7 A 30 P PSF	125mm (5")
62017634	E 178-7 A 30 P PSF	178mm (7")
62023634	E 230-7 A 30 P PSF	230mm (9")



## GRINDING WHEEL - DEPR. CENTRE - METAL



### Aluminium "ALU"

- Aluminium, soft bronze, brass, non-ferrous, load resistant grinding.
- 100mm to 230mm available.



### General Purpose

- For grinding ferrous metal welds and structural steels.
- Excellent performance and life.



Part Number	Size mm	Specification	Max R.P.M.
6305040	50 x 4.0 x 9.53	A30Q-BF27 I/F	24100
6310240	100 x 4.0 x 16	A30S-BF27	15300
6310260	100 x 6.0 x 16	A30S-BF27	15300
6311540	115 x 4.0 x 22	A30S-BF27	13300
6311560	115 x 6.0 x 22	A30S-BF27	13300
6012745	125 x 4.5 x 22	A24/30T-BF27	12250
6012768	125 x 6.8 x 22	A24/30T-BF27	12250
6015268	150 x 6.8 x 22	A24/30T-BF27	10200
6017845	180 x 4.5 x 22	A24/30T-BF27	8500
6017868	180 x 6.8 x 22	A24/30T-BF27	8500
6117868	180 x 6.8 x 22	A24/30P-BF27	8500
6017810	180 x 10 x 22	A24/30T-BF27	8500
6117810	180 x 10 x 22	A24/30P-BF27	8500
6023045	230 x 4.5 x 22	A24/30T-BF27	6650
6023068	230 x 6.8 x 22	A24/30T-BF27	6650
6123068	230 x 6.8 x 22	A24/30P-BF27	6650
6423068	230 x 6.8 x 22	A24Q-BF27	6650
6023010	230 x 10 x 22	A24/30T-BF27	6650
6123010	230 x 10 x 22	A24/30P-BF27	6650



### Masonry & Non-Ferrous Metals

- Grinding bricks, concrete, stone and masonry products.
- Grinding non-ferrous metals, brass, bronze, gunmetal.
- 100mm to 230mm available.



### Iron Free - Standard

- For grinding stainless steels and very hard ferrous materials.
- Free of iron.



Part Number	Size mm	Specification	Max R.P.M.
6710260	100 x 6 x 16	A30S-BF27 I/F	15300
6711560	115 x 6 x 22	A30S-BF27 I/F	13300
6812768	125 x 6.8 x 22	A24/30T-BF27 I/F	12250
6815268	150 x 6.8 x 22	A24/30T-BF27 I/F	10200
6817868	180 x 6.8 x 22	A24/30T-BF27 I/F	8500
6823068	230 x 6.8 x 22	A24/30T-BF27 I/F	6650

## GRINDING WHEEL - DEPR. CENTRE - STAINLESS



### Mega Inox - Premium

- For grinding stainless steels and very hard ferrous materials.



Part Number	Size mm	Specification	Max R.P.M.
7110270	100 x 7 x 16	A30Q-BF27 M/INOX	15300
7111570	115 x 7 x 22	A30Q-BF27 M/INOX	13300
7112770	125 x 7 x 22	A30Q-BF27 M/INOX	12250
7117870	180 x 7 x 22	A30Q-BF27 M/INOX	8500
7123070	230 x 7 x 22	A30Q-BF27 M/INOX	6650

## GRINDING WHEEL DRESSER



### Grinding Wheel Dresser

- Accurately and easily recondition grinding wheels to their original shape
- Rugged cast handle
- Corrugated high quality hardened steel cutters
- Spare wheels readily available - sizes 0, 1 and 2

Part No.	Description	Part No.	Description
62204	No. 1 Dresser - Complete	67188	Spare Wheels No. 0
62205	No. 2 Dresser - Complete	67189	Spare Wheels No. 1
		67190	Spare Wheels No. 2

## GRINDING WHEEL - DRESSERS - DIAMOND



### Economax Single Point Diamond Dressers

- Suitable for dressing conventional abrasives wheels



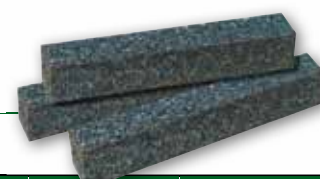
Part Number	Shank Diameter mm	Length mm	Carat Size
BD182664	12.7	150	0.50
BD182672	12.7	150	0.75
BD182699	12.7	150	1.00
BD376140	115 Knurled Handle T Bar		

## GRINDING WHEEL DRESSER - STICKS



### Unfinished Dressing Sticks

- High purity black silicon carbide abrasive.
- Ideal for dressing vitrified grinding wheels.



Part Number	Width mm	Thick mm	Length mm	Specification
BV208833	13	13	150	37C24SVK
BV208841	20	20	150	37C24SVK
BV208868	25	25	150	37C24SVK



# ABRASIVES

## GRINDING WHEEL - FOUNDRY - SNAGGING

**NORTON**

### Foundry / Portable Grinding Wheels

For Ferrous Metals - Aluminium Oxide

Type 1 - Straight Wheels

Part Number	Specification	Max. Op. Speed r.p.m.	Grit
<b>100 x 13 x 12.7mm</b>			
BN205389	A36QB	9550	Medium
<b>100 x 25 x 15.88mm</b>			
BN205397	A20QB	9550	Coarse
<b>100 x 25 x 20mm</b>			
BN201650	A20QB	9550	Coarse
<b>125 x 20 x 12.7mm</b>			
BN376450	A20QB	7520	Coarse
<b>125 x 20 x 12.7mm</b>			
BN205931	A30RB	7520	Medium
<b>125 x 25 x 20mm</b>			
BN376469	A20QB	7520	Coarse

**NORTON**

For Ferrous Metals - Aluminium Oxide  
Plug Wheels - Type 18 (Square End)

Part Number	Specification	Max. Op. Speed r.p.m.	Grit
<b>40 x 63mm x 3/8WHIT</b>			
BN205265	A36RB	23900	Medium
<b>40 x 63mm x M12</b>			
BN379387	A24RB	23900	Coarse

**NORTON**

For Ferrous Metals - Aluminium Oxide  
Plug Wheels - Type 18R (Round End)

Part Number	Specification	Max. Op. Speed r.p.m.	Grit
<b>40 x 63mm x 3/8WHIT</b>			
BN376779	A24RB	23900	Coarse
BN376787	AC24RB	23900	Coarse
<b>40 x 63mm x 3/8WHIT</b>			
BV379522	A36QV	15910	Medium
<b>40 x 63mm x 3/8UNF</b>			
BN376809	A24RB	23900	Coarse
<b>40 x 63mm x 3/8UNF</b>			
BV379530	A36QV	15910	Medium

**NORTON**

For Ferrous Metals - Aluminium Oxide  
Plug Wheels - Type 19 (Cone End)

Part Number	Specification	Max. Op. Speed r.p.m.	Grit
<b>40 x 63mm x 3/8WHIT</b>			
BV379549	A36QV	15910	Medium

**NORTON**

### Foundry / Portable Grinding Wheels

For Ferrous Metals - Aluminium Oxide  
and Norzon / Zirconia

Type 11 - Flaring Cup Wheels

Part Number	Specification	Max. Op. Speed r.p.m.	Grit
<b>Aluminium Oxide - 110/95 x 50mm x M14</b>			
BN376507	A16RB	8500	Coarse
<b>Aluminium Oxide - 125/108 x 50 x 22.23mm</b>			
BN201707	A16RB	7260	Coarse
<b>Aluminium Oxide - 125/108 x 50mm x M14</b>			
BN376523	A16RB	7260	Coarse
<b>NorZon/Zirconia (Premium) - 110/95 x 50 x 22.23mm</b>			
BN201693	NZ16UB	8500	Coarse
<b>NorZon/Zirconia (Premium) - 125/108 x 50 x 22.23mm</b>			
BN115312	NZ16SB	7260	Coarse

**NORTON**

For Masonry and Non Ferrous Metals - Silicon Carbide

Type 11 - Flaring Cup Wheels

Part Number	Specification	Max. Op. Speed r.p.m.	Grit
<b>110/95 x 50mm x M14</b>			
BN376590	C16QB	8500	Coarse
<b>125/108 x 50mm x 5/8W</b>			
BN376612	C16QB	7260	Coarse
<b>125/108 x 50mm x M14</b>			
BN376620	C16QB	7260	Coarse

## GRINDING WHEEL - GENERAL PURPOSE & TOOL ROOM

**NORTON**

### General Purpose Bench/Pedestal Grinding Wheels

Type 1 - Straight Wheels

- Aluminium Oxide for Ferrous Metals.

Part Number	Specification	Max. Op. Speed r.p.m.	Grit
<b>150 x 20 x 25.4mm</b>			
BV188222	A36PVBE	4140	Coarse
BV188230	A46MVBE	4140	Medium
BV188249	A60MVBE	4140	Fine
<b>150 x 25 x 25.4mm</b>			
BV188026	A36PVBE	4140	Coarse
BV188034	A46MVBE	4140	Medium
BV188042	A60MVBE	4140	Fine
<b>200 x 25 x 25.4mm</b>			
BV325929	A24QVBE	3105	Very Coarse
BV188069	A36PVBE	3105	Coarse
BV188085	A46MVBE	3105	Medium
BV188093	A60MVBE	3105	Fine
BV188524	A80MVBE	3105	Very Fine
<b>200 x 40 x 31.75mm</b>			
BV188575	A36PVBE	3105	Coarse
BV188583	A46MVBE	3105	Medium
BV188591	A60MVBE	3105	Fine

Other sizes available.



#### Type 5 - Recessed Wheels

- Aluminium Oxide for Ferrous Metals.

Part Number	Specification	Max. Op. Speed r.p.m.	Grit
<b>200 x 40 x 25.4mm Rec 1/S 105 x 18mm</b>			
BV188559	A46MVB	3105	Medium
BV188567	A60MVB	3105	Fine

**NORTON**

### General Purpose & Toolroom Grinding Wheels

Bench, Surface, Tool and Cutter Wheels in Green Silicon Carbide for Tungsten Carbide.

#### Type 1 - Straight Wheels

Part Number	Specification	Max. Op. Speed r.p.m.	Grit
<b>75 x 25 x 19.05mm</b>			
BV325651	39C80JVK	8280	Fine
<b>150 x 13 x 31.75mm</b>			
BV204072	39C60JVK	4140	Medium
BV200093	39C100JVK	4140	Fine
<b>150 x 20 x 25.4mm</b>			
BV200115	39C60JVK	4140	Medium
BV204099	39C100JVK	4140	Fine
<b>150 x 25 x 25.4mm</b>			
BV200123	39C60JVK	4140	Medium
BV204110	39C80JVK	4140	Fine
BV200131	39C100JVK	4140	Very Fine
BV375152	39C120JVK	4140	Very Fine
<b>180 x 13 x 31.75mm</b>			
BV200182	39C60JVK	3600	Medium
BV325716	39C80JVK	3600	Fine
<b>200 x 25 x 25.4mm</b>			
BV200190	39C60JVK	3105	Medium
BV204137	39C80JVK	3105	Fine
BV200204	39C100JVK	3105	Very Fine
BV325724	39C120JVK	3105	Very Fine
BV131873	39C60K8VKPL	3105	Medium

#### Type 5 - Recessed Wheels

Part Number	Specification	Max. Op. Speed r.p.m.	Grit
<b>200 x 40 x 25.4mm Rec 1/S 105 x 20mm</b>			
BV200212	39C60JVK	3105	Medium
BV204234	39C80JVK	3105	Fine
BV200220	39C100JVK	3105	Very Fine

#### Type 11 - Flaring Cup Wheels

Part Number	Specification	Max. Op. Speed r.p.m.	Grit
<b>100/76 x 40 x 31.75mm ME19237</b>			
BV201855	39C60JVK	5730	Medium
<b>150/96 x 63 x 31.75mm ME4685</b>			
BV384755	39C36JVK	3820	Medium

**NORTON**

### General Purpose Pedestal Grinding Wheels in Black Silicon Carbide

#### Type 1 - Straight Wheels

Part Number	Specification	Max. Op. Speed r.p.m.	Grit
<b>150 x 25 x 25.4mm</b>			
BV388505	37C24PVK	4140	Coarse
<b>200 x 25 x 25.4mm</b>			
BV388513	37C24PVK	3105	Coarse
<b>300 x 50 x 50.8mm</b>			
BV374911	37C24RVK	2070	Coarse
<b>350 x 50 x 50.8mm</b>			
BV374938	37C24RVK	1770	Coarse
<b>450 x 50 x 50.8mm</b>			
BV374946	37C24RVK	1380	Coarse

**NORTON**

### Toolroom Grinding Wheels

Surface and OD Wheels in Aluminium Oxide for Tool Steel.

#### Type 1 - Straight Wheels

Part Number	Specification	Max. Op. Speed r.p.m.	Grit
<b>100 x 13 x 19.05mm</b>			
BV200506	38A60JVBE	6210	Medium
<b>150 x 6 x 31.75mm</b>			
BV200514	38A60JVBE	4140	Medium
<b>150 x 13 x 31.75mm</b>			
BV068519	38A46KVBE	4140	Coarse
BV068543	38A60KVBE	4140	Medium
BV200573	38A80KVBE	4140	Fine
BV203440	38A120KVBE	4140	Very Fine
<b>150 x 20 x 31.75mm</b>			
BV326224	38A60JVBE	4140	Medium
BV375039	38A120KVBE	4140	Very Fine
<b>150 x 25 x 31.75mm</b>			
BV203459	38A46MVB	4140	Coarse
BV384348	38A46KVBE	4140	Coarse
BV200611	38A60JVBE	4140	Medium
BV326232	38A80KVBE	4140	Fine
BV326240	38A120KVBE	4140	Very Fine



# ABRASIVES

**NORTON**

## Toolroom Grinding Wheels



Surface and OD Wheels in Aluminium Oxide for Tool Steel.

### Type 1 - Straight Wheels

Part Number	Specification	Max. Op. Speed r.p.m.	Grit
<b>180 x 13 x 31.75mm</b>			
BV200654	38A46JVBE	3600	Coarse
BV200670	38A60JVBE	3600	Medium
<b>200 x 6 x 31.75mm</b>			
BV326305	38A60KVBE	3105	Medium
<b>200 x 13 x 31.75mm</b>			
BV200743	38A46JVBE	3105	Coarse
BV384364	38A46KVBE	3105	Coarse
BV203475	38A60JVBE	3105	Medium
BV384372	38A60KVBE	3105	Medium
BV326313	38A80KVBE	3105	Fine
<b>200 x 20 x 31.75mm</b>			
BV200751	38A46JVBE	3105	Coarse
BV200778	38A60JVBE	3105	Medium
BV259942	38A60KVBE	3105	Medium
<b>200 x 20 x 50.8mm</b>			
BV200786	38A46JVBE	3105	Coarse
<b>200 x 25 x 31.75mm</b>			
BV114847	38A46KVBE	3105	Coarse
BV114863	38A60KVBE	3105	Medium
BV326372	38A80KVBE	3105	Fine
BV326380	38A120KVBE	3105	Very Fine

Other sizes available.

Surface and OD Wheels in Aluminium Oxide for Tool Steel

### Type 5 - Recessed Wheels

Part Number	Specification	Max. Op. Speed r.p.m.	Grit
<b>150 x 40 x 12.7mm Rec 1/S 105 x 15mm</b>			
BV388645	Classic 46	4140	Medium
<b>180 x 25 x 31.75mm Rec 1/S 90 x 12mm</b>			
BV200697	38A46JVBE	3600	Coarse
BV200719	38A60JVBE	3600	Medium
<b>200 x 40 x 31.75mm Rec 1/S 105 x 18mm</b>			
BV326585	38A46MVBE	3105	Coarse
BV326593	38A60MVBE	3105	Medium
<b>200 x 40 x 15.88mm Rec 1/S 105 x 15mm</b>			
BV388653	Classic 46	3105	Medium
<b>300 x 40 x 127mm Rec 1/S 200 x 12mm</b>			
BV200832	38A46JVBE	2070	Coarse
BV203572	38A60JVBE	2070	Medium
<b>350 x 40 x 127mm Rec 1/S 200 x 12mm</b>			
BV203602	38A46JVBE	1775	Coarse
BV326607	38A46H12VBEP	1775	Coarse
BV200948	38A60JVBE	1775	Medium

### Type 12 - Dish Wheels

Part Number	Specification	Max. Op. Speed r.p.m.	Grit
<b>100 x 13 x 19.05mm ME19226</b>			
BV200468	38A60KVBE	6210	Fine
<b>150 x 13 x 31.75mm ME19229</b>			
BV200484	38A60JVBE	4140	Fine

Surface and OD Wheels in Aluminium Oxide for Tool Steel

### Type 6 - Straight Cup Wheels

Part Number	Specification	Max. Op. Speed r.p.m.	Grit
<b>100 x 50 x 31.75mm 13 Rim and 13 Back</b>			
BV200271	38A46JVBE	5730	Coarse
BV200298	38A60JVBE	5730	Medium
BV384410	38A60KVBE	5730	Medium
BV203696	38A80JVBE	5730	Fine
<b>125 x 40 x 31.75mm</b>			
BV200328	38A46JVBE	4585	Coarse
BV326623	38A60JVBE	4585	Medium
<b>125 x 63 x 31.75mm 13 Rim and 16 Back</b>			
BV200344	38A46F12VBEP	4585	Coarse
<b>150 x 50 x 31.75mm 13 Rim and 13 Back</b>			
BV203912	38A46F12VBEP	3820	Coarse
BV200352	38A46JVBE	3820	Coarse
BV384437	38A40KVBE	3820	Coarse
BV326631	38A60JVBE	3820	Medium
<b>150 x 63 x 31.75mm 13 Rim and 16 Back</b>			
BV326658	38A46F12VBEP	3820	Coarse
<b>165 x 80 x 31.75mm 16 Rim and 20 Back</b>			
BV380814	38A46F12VBEP	3400	Coarse
<b>180 x 80 x 82.6mm 16 Rim and 20 Back</b>			
BV200360	38A46F12VBEP	3275	Coarse
<b>250 x 100 x 50.8mm 25 Rim &amp; Back</b>			
BV115428	38A36HVBE	2100	Coarse

SG Surface and OD Wheels for Hard to Grind Tool Steels

### Type 1 - Straight Wheels

Part Number	Specification	Max. Op. Speed r.p.m.	Grit
<b>180 x 6 x 31.75mm</b>			
BV328081	SGB80KVH	3600	Fine
<b>180 x 13 x 31.75mm</b>			
BV297240	3SG46JVH	3600	Coarse
BV297259	3SG60JVH	3600	Medium
BV328103	SGB46JVH	3600	Coarse
<b>200 x 13 x 31.75mm</b>			
BV328162	SGB46JVH	3105	Coarse
BV328170	SGB60JVH	3105	Medium
BV388556	3SG46JVH	3105	Coarse
BV388564	3SG60JVH	3105	Medium
<b>200 x 20 x 31.75mm</b>			
BV328189	SGB46JVH	3105	Coarse
BV328197	SGB60JVH	3105	Medium
BV388572	3SG46JVH	3105	Coarse
BV388580	3SG60JVH	3105	Medium

Other sizes available.



**NORTON**

## Toolroom Grinding Wheels

Surface and OD Wheels  
in Aluminium Oxide for Tool Steel  
Type 11 - Flaring Cup Wheels



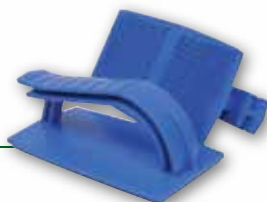
Part Number	Specification	Max. Op. Speed r.p.m.	Grit
<b>100/76 x 40 x 31.75mm ME19237</b>			
BV200395	38A46JVBE	5730	Medium
BV203939	38A46KVBE	5730	Medium
BV375292	88A46/54KVBE	5730	Medium
BV203947	38A60KVBE	5730	Fine
<b>125/100 x 63 x 31.75mm AME6068</b>			
BV326666	38A46F12VBEP	4585	Medium
<b>150/114 x 50 x 31.75mm ME19241</b>			
BV259977	38A46kVBE	3820	Medium
BV375322	88A46/54KVBE	3820	Medium

## HOLDER

**NORTON**

### Bear-Tex Hand Pad Holder

Part Number: 47583



## HAND PADS

**NORTON**

### BEARTEX Hand Pads

- For Cleaning, Scouring and Polishing.

Part Number	Description
<b>White - 456</b>	
CX227412	Non abrasive cleaning pad for cleaning glass, fibreglass, porcelain and stainless steel. Use with detergent.
<b>Gold - Aluminium Oxide Grit Equal to 1200 and Finer</b>	
95914	Micro Fine - The Gold Hand Pad is for fine finishing on pearl and metallic paints without too much scratching, delivering a super fine finish.
<b>Grey - 748 Silicon Carbide Grit 1000 - 1200</b>	
CX298638	Micro Fine (final shine pad). Finest abrasive grit in the Bear-Tex range, highest quality surface finish. Produces a fine sheen when cleaning up overspray on wood parts. Finishing areas for blending on car bodies.
<b>Grey - 635 Silicon Carbide Grit 600</b>	
CX310808	Ultra Fine (Clean and Finishing Pad). Light cleaning and finishing metal, plastic, wood and fibreglass surfaces. Finishing aluminium doors and frames. Cleaning fibreglass partitions. Deburring plastic surfaces. Blending and scuffing acrylics.
<b>Green - 796 Aluminium Oxide Grit 240 - 360</b>	
CX298646	Very fine, tough and economical. Ideal for cleaning and finishing. Removing persistent marks and stains. Applying finishes on non-ferrous metals. Removing rust. Preparing surfaces for painting.

**NORTON**

### Bear-Tex Hand Pads (cont.)

Part Number	Description
<b>Maroon - 747 Aluminium Oxide Grit 240 - 360</b>	
CX298654	General Purpose. Tough and economical. Ideal for cleaning and finishing. Removing persistent marks and stains. Applying finishes on non-ferrous metals. Removing rust. Preparing surfaces for painting.
<b>Maroon - 777 Aluminium Oxide Grit 240 - 360</b>	
CX310824	Very Fine. Use where a stiff aggressive cutting action is required. Longer lasting than 747. High abrasive content for longer life. Cleaning and deburring. Removing excessive deposits of corrosion, oxidation, and scale. Solvent Resistant
<b>Grey - 746 Silicon Carbide Grit 100 - 150</b>	
CX310816	Blending pad, extremely resilient and conformable to irregular surfaces. This pad is the choice for a variety of operations. Excellent for removing blueing marks on stainless steel welds etc. Blending around welds. Removing rust on mild or carbon steel. Satin finishing aluminium. Cleaning glass moulds.
<b>Dark Tan - 740 Aluminium Oxide Grit 100 - 150</b>	
CX310832	Medium (Heavy Duty Pad) designed for heavy duty industrial welding, deburring and cleaning jobs. Use as a replacement for steel wool, wire brushes, coated abrasive sheets. Rust removal, weld blending and deburring.

**3M**

### Scotch-Brite™ Hand Pads

- Useful on most blending, cleaning, deburring, finishing or scuffing applications for timber, plastic and metal
- Excellent alternative to steel wool or wire brushes
- Use by hand or with the No. 952 hand block
- Can be used both wet or dry



Part Number	Description
0378545	7447 Scotch-Brite™ General Purpose Hand Pad 230 x 150mm
0378554	7448 Scotch-Brite™ Ultra-Fine Hand Pad 230 x 150mm
61500295508	7446 Scotch-Brite™ Blending Hand Pad 230 x 150mm
0401752	7440 Scotch-Brite™ Heavy Duty Hand Pad 230 x 150mm
0274399	Insta-lok™ Hand Block 952

## SANDING SPONGES

**NORTON**

### Soft Touch Sanding Sponge

- Designed for contour sanding they can be used on a variety of materials including, wood, metal, fibreglass, composites and plastics as well as on primer, stained, sealed or painted surfaces. They are washable and can be used wet or dry.
- Norton Soft Touch Sponges give flexibility for hand sanding and finishing.
- Their conformability allows you to generate a superior finish in hard to reach areas on wood and metal furniture.



Part Number	Grit
140 x 115 x 5mm	
03074	Medium - P180/P120
03075	Fine - P400/P320
03076	Super Fine - P600/P500
03077	Ultra Fine - P1000/P800
03078	Micro Fine - P1500/P1200



# ABRASIVES

## MOUNTED POINTS



### ALOX Mounted Points

Polinox Mounted Points are a non-woven nylon layered material in which the abrasive grain is embedded. The flexible structure of the material gives an exceptionally fine finish.

Part Number	Description	Size
44654080	PNZ 4020/6 A 100	40 x 20
44654088	PNZ 4020/6 A 180	40 x 20
44656080	PNZ 6050/6 A 100	60 x 50
44656088	PNZ 6050/6 A 180	60 x 50
44658080	PNZ 8050/6 A 100	80 x 50
44658088	PNZ 8050/6 A 180	80 x 50
44690080	PNZ 10050/6 A 100	100 x 50
44690088	PNZ 10050/6 A 180	100 x 50
44654100	PNL 4020/6 A 100	40 x 20
44654180	PNL 4020/6 A 180	40 x 20
44654280	PNL 4020/6 A 280	40 x 20
44655100	PNL 5030/6 A 100	50 x 30
44655180	PNL 5030/6 A 180	50 x 30
44655280	PNL 5030/6 A 280	50 x 30
44666100	PNL 6050/6 A 100	60 x 50
44666180	PNL 6050/6 A 180	60 x 50
44666280	PNL 6050/6 A 280	60 x 50
44658100	PNL 8050/6 A 100	80 x 50
44658180	PNL 8050/6 A 180	80 x 50
44658280	PNL 8050/6 A 280	80 x 50
44669100	PNG 10050/6 A 100	100 x 50
44669180	PNG 10050/6 A 180	100 x 50
44669280	PNG 10050/6 A 280	100 x 50



**NORTON**

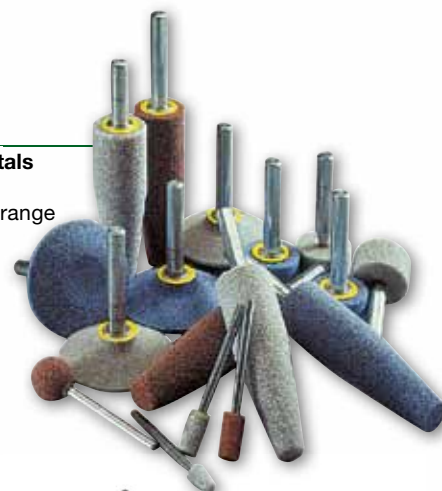
## General Purpose Mounted Points

### Aluminium Oxide for Ferrous Metals

Norton offers high quality vitrified mounted points, available in a full range of standard shapes and spindles.

Typical Applications:

- Blending contours
- Deburring moulded parts
- Mould finishing
- ID grinding
- Offhand bench grinding



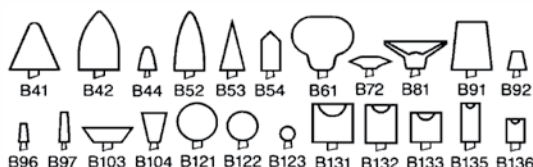
### A Shape

Part Number	Shape	Diam. mm	Thick mm	Max. Op. Speed r.p.m.	Grit
BV376205	A1	20	65	19800	36
BV208965	A1	20	65	19800	60
BV376213	A2	25	30	25000	60
BV208981	A3	25	70	16100	60
BV209007	A3	25	70	16100	36
BV209015	A4	30	30	20000	60
BV209023	A5	20	28	30000	60
BV209031	A11	22	45	19800	60
BV209074	A11	22	45	19800	30
BN376248	A11	22	45	19800	A36RB
BV209112	A12	18	30	30000	60
BV209120	A13	28	28	25000	60
BV209139	A14	18	22	35000	60
BV209155	A15	6	25	72750	60
BV209163	A21	25	25	25000	60
BV209201	A24	6	20	76500	60
BV209228	A25	25	-	25000	60
BV209236	A26	16	-	30000	60
BV209309	A31	35	25	18000	60
BV209317	A32	25	20	26000	60
BV209341	A36	40	10	16000	60
BV209376	A38	25	25	25000	60
BV376256	A38	25	25	25000	37C60PV
BV209406	A39	20	20	34000	60

All spindles are 6.35mm diameter & approximately 35 to 40mm long. Speeds shown are for 12mm overhang (lower m.o.s. for greater overhang.)







**NORTON**

## General Purpose Mounted Points - B Shape

Part Number	Shape	Dia. mm	Thick mm	Max. Op. Speed r.p.m.	Grit
BV209414	B41	16	16	25000	60
BV209422	B42	13	20	25000	60
BV209457	B44	5.6	8	61000	90
BV209503	B52	10	20	41000	60
BV209546	B53	8	16	54000	90
BV209589	B54	6	18	50000	60
BV209600	B61	20	13	38250	60
BV209643	B72	13	3	73500	90
BV209651	B81	20	5	47000	90
BV209708	B96	3	6	90000	90
BV209716	B97	3	10	90000	90
BV209759	B104	8	10	50000	90
BV209848	B121	13	-	45370	60
BV209856	B122	10	-	50000	60
BV209880	B131	13	13	34500	60
BV209899	B132	10	13	41000	90
BV209929	B135	6	13	50000	90
BV209937	B136	6	8	54000	90

All spindles are 6.35mm diameter & approximately 35 to 40mm long. Speeds shown are for 12mm overhang (lower m.o.s. for greater overhang.)

**NORTON**



## General Purpose Mounted Points - W Shape

Part Number	Shape	Dia. mm	Thick mm	Max. Op. Speed r.p.m.	Grit
BV209953	W144	3	6	90000	90
BV210013	W153	5	10	70000	90
BV210102	W160	6	6	61000	90
BV210145	W163	6	13	54000	90
BV210196	W164	6	20	45900	90
BV210234	W176	10	13	45370	60
BV376272	W182	13	3	61000	60
BV210366	W186	13	20	26250	60
BV210439	W188	13	40	24000	60
BV210447	W189	13	50	24000	60
BV210498^	W200	20	3	40000	90
BV210552	W205	20	25	32000	60
BV210625^	W216	25	6	38200	60
BN376310	W218	25	13	30000	A36QB
BV210668	W218	25	13	30000	60
BN376329	W220	25	25	25500	A36RB
BV210676	W220	25	25	25500	60
BV210692	W220	25	25	25500	37C60PV
BV210781	W230	30	30	17000	60
BN376345	W236	40	13	20000	A36QB
BV210838	W236	40	13	20000	60
BV376353	W236	40	13	20000	37C60PV
BN376361	W237	40	25	19000	A36RB
BN376388	W242	50	25	16000	A36RB
BV210889	W242	50	25	16000	60

W142 to W187 - All spindles are 3.18mm diameter and approx. 35 to 40mm long.  
W188 to W242 - All spindles are 6.35mm diameter and approx. 35 to 40mm long.  
^Note: These items have a 3.18mm diameter spindle.  
Speeds shown are for 12mm overhang (lower m.o.s. for greater overhang).

## POLISHING - MOPS

**JOSCO**

### Polishing Buffs




All buffs have tapered centre bores and may be mounted on the left or right of your grinder using a tapered spindle. Josco carry a full range of tapered spindles.

Always select the correct buff for your job ...

- a sisal buff for "cutting back" with FASTCUT compound,
- a stitched rag buff for general purpose work and,
- a loose leaf calico buff for high gloss polishing using either SS, SSX or MULTISHINE compounds.

For best results, never use different compounds on one buff, keep a separate buff for each compound. Josco carry a full range of buffs from 3" to 12" in Australia.



	Part Number	Diameter	Width
 Loose Leaf	MLL0401	4" (100mm)	50 Fold
	MLL0402	4" (100mm)	100 Fold
	MLL0601	6" (150mm)	50 Fold
	MLL0602	6" (150mm)	100 Fold
	MLL0801	8" (200mm)	50 Fold
	MLL0802	8" (200mm)	100 Fold
 Stitched Sisal	MST0401	4" (100mm)	1 Section
	MST0402	4" (100mm)	2 Section
	MST0601	6" (150mm)	1 Section
	MST0602	6" (150mm)	2 Section
	MST0801	8" (200mm)	1 Section
	MST0802	8" (200mm)	2 Section
 Stitched Rag	MSZ0401	4" (100mm)	1 Section
	MSZ0402	4" (100mm)	2 Section
	MSZ0601	6" (150mm)	1 Section
	MSZ0602	6" (150mm)	2 Section
	MSZ0801	8" (200mm)	1 Section
	MSZ0802	8" (200mm)	2 Section

## POLISHING - COMPOUNDS

**JOSCO**

### Polishing Compounds

Different metals have varying characteristics and to achieve the best possible results it is essential that the correct compound and polishing buff is selected to do the job. Josco Compounds are available in bulk or carded.



Part Number	Description
<b>SS Compound</b>	(white) for high quality finish on aluminium and aluminium alloys - use with a loose leaf calico buff.
<b>SSX Compound</b>	(light green) for high gloss finish on copper, brass and stainless steel - use with a loose leaf calico buff.
<b>MULTISHINE</b>	(light blue) for high gloss finish on most plastics, silver, gold and die cast articles - use with loose leaf calico buff.
<b>TRIPOLI</b>	(brown) general purpose compound for copper, brass, aluminium and most metals - use with a stitched rag or loose leaf calico buff.
<b>FASTCUT</b>	(dark grey) use to "cut back" light scratch marks on copper, brass, stainless steel prior to polishing with the correct polishing compound - always use with a stitched rag buff.



# ABRASIVES

## POLISHING - SPINDLES



### Tapered Spindles

Josco Tapered Spindles are available in left hand or right hand designs and imperial or metric threads to suit most bench grinders.



Part Number	Description
JTS580L	5/8" Left Hand
JTS580R	5/8" Right Hand
JTS120L	1/2" Left Hand
JTS120R	1/2" Right Hand

## ROLLS - ADALOX PAPER



### Adalox Rolls

- Aluminium oxide with tough paper backing.
- For rough feather edging, removing burrs and disc scratch from metal and cutting back plastic fillers.
- Hand or machine sanding on wood, paint and metal and plastic.
- Ideal for automotive refinishing.

Part Number	Size mm	Material Type	Grit Size
CE233226	70 x 50000	G216	P36E
CE233234	70 x 50000	G216	P40E
CE177431	70 x 50000	G216	P60E
CE177423	70 x 50000	G216	P80E
CE860010	70 x 50000	G216	P100E
CE300101	70 x 50000	G216	P120E
CE381489	100 x 50000	G216	P40E
CE381497	100 x 50000	G216	P60E
CE381500	100 x 50000	G216	P80E
CE381519	100 x 50000	G216	P100E
CE381527	100 x 50000	G216	P120E
CE196614	115 x 50000	G216	P36E
CE088080	115 x 50000	G216	P40E
CE078212	115 x 50000	G216	P60E
CE084360	115 x 50000	G216	P80E
CE074004	115 x 50000	G216	P100E
CE134260	115 x 50000	G216	P120E

## ROLLS - ADALOX SPEEDGRIP



### Adalox Speed-Grip Roll

- Aluminium oxide with tough paper backing.
- The Norton speed-grip dustless system allows for a cleaner dust free work environment.

Part Number	Size mm	Material Type	Grit Size
CE369942	115 x 25000	G216	P36E
CE369950	115 x 25000	G216	P40E
CE369969	115 x 25000	G216	P80E
CE369977	115 x 25000	A297	P120C
CE369985	115 x 25000	A297	P180C
CE369993	115 x 25000	A297	P240C
CE369999	115 x 25000	A297	P320C

## ROLLS - HANDY - CLOTH



### Metalite Cloth Handy Rolls

- Closekote for dry metal surface preparation.
- Aluminium oxide grain on flexible cloth for use in general engineering applications on a variety of materials.

Part Number	Size mm	Material Type	Grit Size
CE100188	25 x 50000	K227	P40J
CE099864	25 x 50000	K227	P60J
CE110892	25 x 50000	K227	P80J
CE110922	25 x 50000	K227	P100J
CE111104	25 x 50000	K227	P120J
CE111113	25 x 50000	K227	P150J
CE111422	25 x 50000	K227	P180J
CE111384	25 x 50000	K227	P240J
CE111333	25 x 50000	K227	P320J
CE100153	40 x 50000	K227	P40J
CE099937	40 x 50000	K227	P60J
CE110914	40 x 50000	K227	P80J
CE110949	40 x 50000	K227	P100J
CE111090	40 x 50000	K227	P120J
CE111023	40 x 50000	K227	P150J
CE111414	40 x 50000	K227	P180J
CE111341	40 x 50000	K227	P240J
CE111325	40 x 50000	K227	P320J
CE100161	50 x 50000	K227	P40J
CE099929	50 x 50000	K227	P60J
CE110906	50 x 50000	K227	P80J
CE110930	50 x 50000	K227	P100J
CE111066	50 x 50000	K227	P120J
CE111007	50 x 50000	K227	P150J
CE111406	50 x 50000	K227	P180J
CE111376	50 x 50000	K227	P240J
CE111317	50 x 50000	K227	P320J



Use a light machine oil with Handy Rolls as a lubricant for finer finishes and quicker cut.



## ROLLS - MASTER PAINTERS

**NORTON**

### Bear Master Painters Sandpaper Rolls Perforated and Bar Coded at 1 metre Lengths



- Specifically developed for professional paint preparation.
- Strong enough to withstand machine sanding but flexible enough for easy hand sanding.
- Consistent, dependable sanding with durable aluminium oxide grain.

Part Number	Size mm	Material Type	Grit Size
CE113867	100 x 25000	V/Coarse	P40
CE113891	100 x 32000	Coarse	P60
CE113883	100 x 36000	Medium	P80
CE113875	100 x 40000	Fine	P120
CE015946	115 x 25000	V/Coarse	P40
CE015954	115 x 32000	Coarse	P60
CE015962	115 x 36000	Medium	P80
CE015970	115 x 40000	Fine	P120
CE113948	150 x 25000	V/Coarse	P40
CE113913	150 x 32000	Coarse	P60
CE113905	150 x 36000	Medium	P80
CE113921	150 x 40000	Fine	P120

**NORTON**

### Bear Master Painters Sandpaper Rolls - 10 metre Rolls



Part Number	Size mm	Grade	Grit Size
CE147621	100 x 10000	V/Coarse	P40
CE143766	100 x 10000	Coarse	P60
CE143758	100 x 10000	Medium	P80
CE143731	100 x 10000	Fine	P120
CE059145	115 x 10000	V/Coarse	P40
CE059153	115 x 10000	Coarse	P60
CE059161	115 x 10000	Medium	P80
CE059188	115 x 10000	Fine	P120

## ROLLS - NO-FIL ADALOX

**NORTON**

### No-Fil Adalox Rolls Perforated Paper Backed Rolls at 1 metre Lengths



Part Number	Size mm	Material Type	Grit Size
CE258202	115 x 25000	A259	P60C
CE220922	115 x 25000	A259	P80C
CE258210	115 x 25000	A219	P100C
CE220949	115 x 25000	A219	P120C
CE258229	115 x 25000	A219	P150C
CE220744	115 x 25000	A219	P180B
CE258237	115 x 25000	A239	P240B
CE258245	115 x 25000	A239	P320B

**NORTON**

### No-Fil Adalox Rolls

- Openkote for light sanding of painted surfaces where loading is a problem.
- Preparing primed and painted surfaces.
- Sanding plastic and fibreglass.
- Bare wood sanding.
- Ideal for hand/portable sanders.



Part Number	Size mm	Material Type	Grit Size
CE862740	70 x 50000	A297	P80C
CE862844	70 x 50000	A297	P120C
CE862987	70 x 50000	A297	P180C
CE862701	115 x 50000	H233	P40E
CE862727	115 x 50000	H233	P60E
CE862766	115 x 50000	A297	P80C
CE862831	115 x 50000	A297	P100C
CE862883	115 x 50000	A297	P120C
CE862961	115 x 50000	A297	P150C
CE863013	115 x 50000	A297	P180C
CE863130	115 x 50000	A297	P240C
CE863208	115 x 50000	A297	P320C
CE863260	115 x 50000	A297	P400C

## ROLLS - SANDING - FOAM

**NORTON**

### Rotolo-Foam Rolls Norton Max (A295) on Foam

- A world innovation for hand-sanding!
- Excellent abrasive quality.
- Hand sanding more comfortable for the user especially in grooves and intricate surfaces.
- Handy dispenser box – use cut sheets according to needs.



Part Number	Size mm	Material Type	Grit Size
CE369460	115 x 25000	A295	P180
CE369462	115 x 25000	A295	P240
CE369470	115 x 25000	A295	P280
CE369489	115 x 25000	A295	P320
CE369500	115 x 25000	A295	P400
CE369519	115 x 25000	A295	P500
CE369523	115 x 25000	A295	P600
CE369527	115 x 25000	A295	P800



# ABRASIVES

## SHEETS - NO-FIL PAPER



**NORTON**

### No-Fil Adalox Paper Sheets (Dry Rub)

- Openkote for timber and painted surfaces.
- Stearated (No-Fil) for reduced loading.

Part Number	Size mm	Material Type	Grit Size
CC268259	230 x 280	A259	P60C
CC268267	230 x 280	A259	P80C
CC268275	230 x 280	A219	P100C
CC268283	230 x 280	A219	P120C
CC268291	230 x 280	A219	P150C
CC268305	230 x 280	A219	P180B
CC268313	230 x 280	A219	P220B
CC268321	230 x 280	A239	P240B
CC268348	230 x 280	A239	P280B
CC268356	230 x 280	A239	P320B
CC268364	230 x 280	A239	P360B
CC268372	230 x 280	A239	P400B

**NORTON**

### No-Fil Sanding Sheets - Premium Quality

Part Number	Size mm	Material Type	Grit Size
CC371391	230 x 280	A275	P80B
CC371392	230 x 280	A275	P100B
CC371393	230 x 280	A275	P120B
CC371394	230 x 280	A275	P150B
CC355933	230 x 280	A275	P180B
CC357499	230 x 280	A275	P220B
CC355941	230 x 280	A275	P240B
CC366684	230 x 280	A275	P280B
CC370932	230 x 280	A275	P320B
CC370940	230 x 280	A275	P400B
CC368253	230 x 280	A275	P500B
CC370959	230 x 280	A275	P600B
CC370967	230 x 280	A275	P800B
CC370968	230 x 280	A275	P1000B
CC370969	230 x 280	A275	P1200B
CC370970	230 x 280	A275	P1500B

## SHEETS - TUFBAK WATERPROOF



**NORTON**

### Tufbak Durite Waterproof Paper Sheets

- Closekote for wet or dry sanding of metal or acrylic painted surfaces.
- Extremely flexible and fast cutting with excellent finish in wet applications.

Part Number	Size mm	Material Type	Grit Size
CC268070	230 x 280	T423	P60C
CC268089	230 x 280	T423	P80C
CC268097	230 x 280	T423	P100C
CC268100	230 x 280	T423	P120C
CC268119	230 x 280	T423	P150C
CC268127	230 x 280	T426	P180A
CC268135	230 x 280	T426	P220A
CC268143	230 x 280	T421	P240A
CC268151	230 x 280	T421	P280A
CC268178	230 x 280	T421	P320A
CC268186	230 x 280	T421	P360A
CC268194	230 x 280	T421	P400A
CC268208	230 x 280	T421	P500A
CC268216	230 x 280	T421	P600A
CC268224	230 x 280	T421	P800A
CC268232	230 x 280	T421	P1000A
CC268240	230 x 280	T421	P1200A
CC381373	230 x 280	T421	P1500A
CC381381	230 x 280	T421	P2000A

## SURFACE FINISHING WHEELS - BEARTEX

**NORTON**

### Bear-Tex Convolute Wheels

- Removing rust and oxides.
- Blending weld areas on stainless steel to #4 finish.



Part Number	Size mm / Description	Max R.P.M.
<b>Surface Finishing Convolute Wheels</b>		
CX372617	150 x 25 x 25.4 A/O Medium	6,000
CX372676	150 x 25 x 25.4 SiC Medium	6,000
CX372641	150 x 50 x 25.4 A/O Medium	6,000
CX372633	150 x 50 x 25.4 SiC Medium	6,000
CX372684	150 x 25 x 25.4 SiC Coarse	6,000
CX372649	150 x 50 x 25.4 SiC Coarse	6,000
<b>Clean and Finish Convolute Wheels</b>		
CX110116	S/C 150 x 50 x 25.4 Fine	3,000
CX110159	S/C 150 x 25 x 25.4 Medium	3,000
CX110140	S/C 150 x 50 x 25.4 Medium	3,000
CX110167	S/C 200 x 50 x 76.2 Medium	2,500
<b>Metal Finishing Convolute Wheels</b>		
CX372625	A/O 150 x 25 x 25.4 Medium 5A	6,000
CX372668	A/O 150 x 50 x 25.4 Medium 5A	6,000
<b>Deburring / Blending and Polishing Wheels</b>		
CX227625	150 x 25 x 25.4 S/C 7F	4,500
CX235091	200 x 25 x 76.2 S/C 7F	6,000



## SHARPENING STONE

**NORTON**

### Axestone - Coarse / Fine

- The axe stone is popular with timbermen and campers. It quickly puts a keen edge onto axes, tomahawks, hatchets, machetes, and sheath knives.



Part Number	Cat	Grit	Thick mm	Width mm	Length mm
BE205524	196C	Comb	16	75	Diameter

**NORTON**

### Fine Sharpening Combination Bench Stones

One side fine abrasive the other side coarse abrasive.

- For craftsmen - to sharpen high quality steel tools when the keenest edge is required.

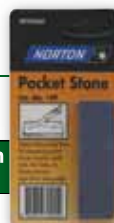


Part Number	Cat	Thick mm	Width mm	Length mm
<b>Aluminium Oxide - Oil filled</b>				
BE173304	IB8	25	50	200
BE173312	IB6	25	50	150
<b>Aluminium Oxide - Non Oil</b>				
BE376981	IB8	25	50	200
BE377007	IB6	25	50	150

**NORTON**

### Pocket Stone

- Rapid cutting pocket stone for sharpening pocket knives, scissors, small tools, fish hooks, etc.



Part Number	Cat	Grit	Thick mm	Width mm	Length mm
BE205664	149C	Fine	10	22	80

**NORTON**

### Quick Sharpening Combination Bench Stones

One side fine abrasive the other side coarse abrasive.

- For speedy sharpening to give a keen edge on chisels, plane irons and knives.



Part Number	Cat	Thick mm	Width mm	Length mm
<b>Silicon Carbide - Oil filled</b>				
BE173266	KS100	30	80	230
BE173274	108	25	50	200
BE173282	109	25	50	150
<b>Silicon Carbide - Non Oil</b>				
BE146587	KS100	30	80	230
BE146544	108	25	50	200
BE377015	109	25	50	150

## SHARPENING STONE - OIL

**NORTON**

### Diamond Sharpening Stone Oil

For use on natural and synthetic oil stones.

- Natural highly refined mineral oil.
- Recommended for faster and easier sharpening.
- Safe for kitchen use.

Part Number	Specification
<b>Professional Quality</b>	
87940	130ml (4½ ounces)



## WEDGE BLOCK - CONCRETE

**NORTON**

### Concrete Wedge Blocks



Part Number	Specification	Part Number	Specification
BB380393	16 Wedge	BB380423	80 Wedge
BB380407	24 Wedge	BB380431	120 Wedge
BB380415	36 Wedge		

## WIRE BRUSHES

**Dixbro**

### Scratch Brushes

Ideal for general cleaning or rust, paint, etc. and light deburring.



Part Number	Description
225509	4 Row Scratch Brush - Wooden handle
224324	4 Row Scratch Brush - Plastic handle

**Dixbro**

### Twist Knot Cup Brushes

For heavy duty cleaning, burr, rust, weld or paint removal or surface roughening using high speed electric and air tool and drill presses.



Part Number	Description	Ø mm	MSFS (RPM)
28787255	TC75 10 x 1.50 26G	75	12,000
28787355	TC75 14 x 2.0 26G	75	12,000

**Dixbro**

### Twist Knot Bevel Brushes

Particularly suitable for working in hard to reach areas such as edges and internal corners.



Part Number	Description	Ø mm	MSFS (RPM)
28504555	HSK100 10 x 1.50 26G	100	15,000
28504355	HSK100 14 x 2.0 26G	100	15,000

**Dixbro**

### Wheel Brushes

For general cleaning using bench machines or portable hand tools. Supplied with multi-bore adaptors to fit arbors from 12 - 25.4mm.



Part Number	Description	Ø mm	MSFS (RPM)
28769155	W150 x 19mm x Multi 28G	150	6,000
28035655	W200 x 19mm x Multi 28G	200	4,600

**Dixbro**

### End Brushes

For working in hard-to-reach areas such as cleaning of engines, dies and tools.



Part Number	Description	Stem length mm	Brush Ø mm	Ø mm	(RPM)
28791255	D2 Flat End 30G	19	11	13	3,000
28794355	D13 Pencil Flat End 30G	125	8	10	3,000
28794555	D14 Pencil Pointed End 30G	50	8	10	3,000



# HAND TOOLS



## ANGLE METER

**Starrett**

### Angle Meter

- Magnetic base and back



Part Number	Description
AM-2	125mm/5in x 125mm/5in - Magnetic base and back

## BARS - CROW



### Goose Neck Bar

- Used for levering and moving objects into place with a lift and swivel motion
- Forged from tough high tensile carbon manganese steel
- Diamond point and gooseneck ends for flexibility of use
- Gooseneck set for improved leverage
- Hexagon bar profile for greater control
- Correctly heat treated to best suit product application
- \* Warning wear safety goggles user and bystander

Part Number	Size	Weight
5GNB180030	1800 x 30mm	11.10kg

## BARS - BREAKER

**FAMOUS TOLEDO**  
EXCELLENCE BY DESIGN



### Professional Breaker Bars

- Drop forged alloy steel, square drive
- Long for extra leverage

Part Number	Size	Length
301245	1/2" sq drive	610mm (24")
301246	3/4" sq drive	610mm (24")

## BARS - CROW



### Power Bar

Ideal for digging, levering and tree roots. The Cyclone Power Bar features a triangular pivot system that uses leverage to generate maximum power. The unique see-saw action makes it easy to dig deep holes, break up tree roots and lift pavers.

- A key advantage is that the leverage point is part of the tool and works against the base of the wall. The action continues to be effective as the hole becomes deeper and the integrity of the entrance is maintained.
- Force is multiplied up to 6 times using leverage from the back of blade
- An integrated tool that does the work of a crow bar, spade and mattock

Product Code	Type	Width	Sec	Length
604508	HEX	70mm	25mm	1875mm



### Crowbars - Hexagon / Round

- Used for digging holes, breaking clay, rock and concrete
- Forged from tough high tensile carbon manganese steel
- Ground and sharpened diamond point end for easier digging, especially in rocky ground
- Long and sharper tapered ends heat treated full length for better performance
- Choose hexagon profile for greater control or round profile for comfort
- Anti-corrosive primer and enamel finish
- Correctly heat treated to best suit product application
- \* Warning wear safety goggles user and bystander

Part Number	Size	Weight	Type
5CB150025	1500 x 25mm	6.12kg	Hexagon
5CB150030	1500 x 30mm	8.60kg	Hexagon
5CB165025	1650 x 25mm	6.70kg	Hexagon
5CB165030	1650 x 30mm	9.50kg	Hexagon
5CB180025	1800 x 25mm	7.35kg	Hexagon
5CB180030	1800 x 30mm	10.45kg	Hexagon
5CBR180022	1800 x 22mm	5.50kg	Round
5CBR180025	1800 x 27mm	7.75kg	Round
5CBR180030	1800 x 30mm	9.70kg	Round



## BARS - FENCE

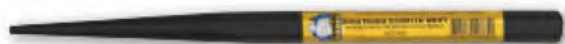


### Fence Bars - Hexagon / Round

- Used for fencing including digging holes, breaking clay and tamping posts tight
- Forged from tough high tensile carbon manganese steel
- Long and sharper tapered blade heat treated full length for better performance
- Knob forged on bar, not welded, made to optimum size for tamping
- Choose hexagon profile for greater control or round profile for comfort
- Correctly heat treated to best suit product application
- \* Warning wear safety goggles user and bystander

Part Number	Size	Weight	Type
5FB150025	1500 x 25mm	6.50kg	Hexagon
5FB150030	1500 x 30mm	9.25kg	Hexagon
5FB165025	1650 x 25mm	7.01kg	Hexagon
5FB165030	1650 x 30mm	10.15kg	Hexagon
5FB180025	1800 x 25mm	7.77kg	Hexagon
5FB180030	1800 x 30mm	11.05kg	Hexagon
5FBR165025	1650 x 27mm	7.55kg	Round
5FBR180025	1800 x 27mm	8.18kg	Round
5FBR180030	1800 x 30mm	10.25kg	Round

## BARS - HEXAGON

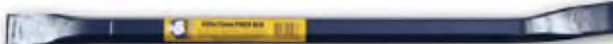


### Starter Drifts

- Used for aligning work, holes etc. in heavy construction
- Forged from tough high tensile carbon-manganese steel
- Designed for driving with hammer
- Taper is forged, not turned, for finer grain, giving greater tensile strength
- Will not score edge when driven hard
- Hex profile for better control
- Correctly heat treated to best suit product application
- \* Warning wear safety goggles user and bystander

Part No.	Size	Weight	Part No.	Size	Weight
5SDL30016	300 x 16mm	0.44kg	5SDL45025	450 x 25mm	1.58kg
5SDL45020	450 x 20mm	1.03kg	5SDL45030	450 x 30mm	2.16kg

## BARS - PINCH



### Pinch Bars

- Used for levering and moving objects into place with a lift and swivel motion
- Forged from high tensile carbon manganese steel for maximum strength
- Heel offset to 40° for optimum lifting
- Hexagon bar profile for greater control and reduces bar roll
- Heat treated blade ends for maximum toughness
- Correctly heat treated to best suit product application
- \* Warning wear safety goggles user and bystander

Part Number	Size	Weight
5PB150025	1500 x 25mm	6.15kg
5PB150030	1500 x 30mm	8.90kg
5PB165025	1650 x 25mm	6.81kg
5PB165030	1650 x 30mm	9.94kg
5PB180025	1800 x 25mm	7.63kg
5PB180030	1800 x 30mm	11.02kg
5PB45016	450 x 16mm	0.72kg
5PB60020	600 x 20mm	1.53kg
5PB60025	600 x 25mm	2.41kg
5PB75025	750 x 25mm	3.04kg
5PB90025	900 x 25mm	3.65kg

## BARS - PODGER



### Podger Bars

- Used for levering and aligning
- Forged from tough high tensile carbon-manganese steel
- Heel set to 40° for optimum levering, blade ground to 30° for easy entry between surfaces
- Taper is forged, not turned, for maximum strength
- Hex profile bar used for greater control and to minimise bar roll
- Correctly heat treated to best suit product application
- \* Warning wear safety goggles user and bystander

Part Number	Size	Weight
5POB37516	375 x 16mm	0.55kg
5POB37520	375 x 20mm	0.83kg
5POB45016	450 x 16mm	0.68kg
5POB45020	450 x 20mm	1.03kg
5POB60020	600 x 20mm	1.43kg
5POB90020	900 x 20mm	2.20kg



### Podger Pins

- Used for aligning holes and expanding holes in mild steel
- Forged from tough high tensile carbon manganese steel
- Forged, not turned, long tapered point for ease of aligning
- For added safety forged head prevents pin being driven right through hole and falling
- Hex shaft allows spanner to be used to assist removal
- Can be carried on belt
- Correctly heat treated to best suit product application
- \* Warning wear safety goggles user and bystander

Part Number	Size	Weight
5POP25	25mm	1.48kg
5POP30	30mm	2.04kg

## BARS - PRY



### Aligning Pry Bars

- Ideal for accurate positioning work
- Line up end for aligning and adjusting metals or woods
- Angled chisel end gives greater leverage when prying
- Manufactured from the highest quality alloy and carbon steel
- Fully heat treated shank for maximum strength and durability

Part No.	Length (mm)	Part No.	Length (mm)
40000	355	40002	508
40001	405	75004	760

Plumb



### Double Action Pry Bar

- Designed for strength and durability
- Makes pulling nails, prying, lifting and scraping easier
- Forged high-carbon steel for increased strength and durability
- Nail slots at both ends for easy nail removal and goose neck at one end
- 356mm/14" x 35mm/1 3/8"

Material No. 11889



# HAND TOOLS



## Dominator Pry Bar – Curved Screwdriver Type

- All new steel capped end with composite ergonomically designed handle designed to allow the user to strike the pry bar with a hammer without damaging the head
- Curved blade for extra leverage with corrosion resistant finish
- Made from the highest quality alloy and carbon steel, hardened and tempered the full length of the bar

Part No.	O.A. Length (mm)	Part No.	O.A. Length (mm)
60137	250	40146	635
40140	305	40162	1475
40144	432	40164	1120
61355	3 Piece Set		



## Indexing Pry Bar

Four sizes on the one wrench, each with its own reversing lever



Part No.	Size	Feature
82208	200mm	Smooth thin profile
82210	250mm	Smooth profile
82216	400mm	Smooth profile
82224	600mm	Grooved profile for added traction
82233	825mm	Grooved profile for added traction
82300	Set of 2, 200 & 400mm	Includes 200mm & 400mm pry bars



## Indexing Pry Bar - Extendable

Part No.	Size	Feature
82220	450-725mm	Extendable, knurled grip & grooved profile
82248	710-1220mm	Extendable, knurled grip & grooved profile



## Indexing Nail Puller

Part No.	Size	Feature
82212	300mm	Nail puller with indexable head



## Pry Bar

- Used for prying, separating flanges and aligning holes
- Forged from tough high tensile carbon manganese steel
- Thin finely ground curved chisel end for ease of entry between surfaces
- Forged, not turned long tapered point for maximum strength
- Hexagon bar profile for greater control
- Correctly heat treated to best suit product application

\* Warning wear safety goggles user and bystander

Part Number	Size	Weight
5PRBP45016	450 x 16mm	0.76kg



## Rolling Head (Lady Foot) Pry Bars

- Ideal for accurate positioning work
- Unique curved end enables better leverage in small confined areas
- Opposite end is designed for aligning work
- Manufactured from the highest quality alloy and carbon steel
- Fully heat treated shank for maximum strength and durability

Part No.	Length (mm)	Part No.	Length (mm)
40150	300	40154	530
40152	400		
60150	3 Piece Set		



## Screwdriver Type Pry Bars

- Manufactured from the highest quality alloy and carbon steel
- Fully heat treated shank for maximum strength and durability
- Corrosive resistant black oxide finish
- Available in straight or curved blade for extra leverage

Part No.	Length (mm)	Part No.	Length (mm)
40108	635	40112	635
40113	785	40109	785
40110	300	40123	1035
40111	430		
61350	3 Piece Set		
61450	3 Piece Set		



## Pry Bar Set - 4 Piece

- Blades hardened and tempered
- Blade length (approx.) 200mm, 300mm, 450mm, 600mm

Part Number: K090001





### 4 Piece Pry Bar Set

High quality heat treated CRV steel blades. Oversized Tang Thru, dual compound Comfort Grip handles. Ideal for prying cylinder heads, manifolds, gearbox components etc. Supplied in moulded tray.

Part Number: 70610



### Pry Bar Set

- Top quality alloy steel for strength and durability
- Square shanked bars with angled heads
- Suitable for maintenance on engine mountings, cylinder heads and manifolds, exhaust systems, steering linkage, door locks body panels etc.

Part Number	Sizes
301083	200mm, 300mm, 450mm, 600mm

## BARS - SPOON



### Spoon Bars

- Used for levering, prying between surfaces and aligning holes
- Forged from resilient 4140 (axle) steel
- Thin finely ground blade end for ease of entry between surfaces
- Forged, not turned long tapered point ideal for aligning
- Full length heat treatment of shaft for best performance
- Correctly heat treated to best suit product application

\* Warning wear safety goggles user and bystander

Part Number	Size	Weight
5SB30010	300 X 10mm	0.16kg
5SB45016	450 x 16mm	0.60kg
5SB60020	600 x 20mm	1.23kg
5SB75022	750 x 22mm	2.00kg
5SB115025	1150 x 25mm	4.42kg
5SB135025	1350 x 25mm	4.80kg

## BARS - UTILITY



### Tweaker

- Unique multipurpose tool is the 'best friend' of carpenters, mechanics, framers, roofers, electricians, plumbers, concrete and demolition workers
- Tweaking lumber, adjusting studs, joists or rafter positions
- Pulling nails
- Wedging
- Stripping
- Can be used as a powerful wrecking bar

Part Number: 41500

## BARS - WRECKING



### BARbarian Extendable Pry Bar/Demolition Tool

- Full strength 36" pry bar collapses to 24" to fit in tool box
- Rips, Pries and Pulls
- Double-ended, Gooseneck and straight, nail slots both ends, adjusts for ultimate in versatility and leverage
- Meets ASME specifications - 227kg static loading strength
- 600mm/24" - 850mm/34"

Material No. PBAR36

## Plumb



### Wrecking Bars

- Forged high carbon steel for extra strength
- Heat treated for toughness
- 16mm x 30mm cross section thickness for strength and comfort
- Polished tips for performance
- Bevelled claw and chisel end, and slotted gooseneck end, both ends polished
- The ends have a Rockwell hardness - HRC42-48 according to the US Federal standard
- The Steel is case hardened steel, equal to 65Mn (Manganese), which is railway grade steel

Material No.	Description
PWB18	18"/450 x 30 x 16mm
PWB24	24"/610 x 30 x 16mm
PWB30	30"/760 x 30 x 16mm



### Wrecking Bars - Gooseneck

- Ideal for prying, removing nails and opening boxes
- Extra wide claw
- Chisel end for lifting and prying

Part No.	O/All Length (mm)	Part No.	O/All Length (mm)
41000	300	41003	750
41001	450	41004	900
41002	600		



### Wrecking Bars

- Used for construction, demolition and wrecking work
- Forged from tough high tensile carbon manganese steel
- Finely ground ends for good lead in, makes demolition work easier and quicker
- Open bend to get behind larger timbers, hex profile for greater control
- Wide and thin ends less likely to damage timbers when removing for restoration
- Correctly heat treated to best suit product application

\* Warning wear safety goggles user and bystander

Part Number	Size/Description	Weight
5WB30016	300 x 16mm	0.60kg
5WB45016	450 x 16mm	0.97kg
5WB60020	600 x 20mm	1.80kg
5WB75020	750 x 20mm	2.23kg
5WB90020	900 x 20mm	2.60kg
5WBU	Utility Wrecking Bar - Flat	0.60kg



# HAND TOOLS

## BENDERS - TUBE



### Tube Benders

- Quality tube benders manufactured in Spain.
- Suitable for bending copper, aluminium or steel tubes to 180°.

Part Number	Description	Capacity
7610200	'Minibender' suits 3 small tube sizes	1/4", 5/16", 3/8" O.D.
7600100	'Universal' Tube Bender	1/4" O.D.
7600800	'Universal' Tube Bender	5/16" O.D.
7600200	'Universal' Tube Bender	3/8" O.D.
7670500	'Proband' Tube Bender	1/2" O.D.
7601600	'Universal' Tube Bender	5/8" O.D.
7677500	'Universal' Tube Bender	3/4" O.D.

## BEVELS - SLIDING



### Bevel - Sliding T - 205mm

- Premium all metal construction
- Stainless steel blade
- Unique locking mechanism
- Made in Japan

Product Code: EG-100

## BLADES - COPING SAW



### Coping Saw Blades

Size per inch: 163mm x 15TPI.  
\*Extra narrow blade for sharp surrounding cuts.

Part Number: 15.061

## BLADES - HACKSAW



### Junior Hacksaw Blades

Length: 160mm. To suit 20.405. Card of 5.

Part Number: 15.905



### Blade - Hacksaw Plus 30 Bi-metal HSS

- Manufactured from M2 high speed cutting steel welded to flex alloy back
- Ideally suited for all metal working trades
- All hard cutting teeth and flexible blade which will not shatter
- Improved wear resistance increases blade life
- Available in 3 tooth configurations

Product Code	Tooth Configuration
EC-AA3045E	18T
EC-AA3046V	24T
EC-AA3047R	32T



### Bi-Metal Unique™ - Safe Flex Blades

- Multi-edge, Split Chip Advantage®, longer blade life and faster cutting
- Unbreakable during normal use

Part Number	Description	Length	TPI
BS1218	Bi-Metal Unique	300mm / 12"	18
BS1224	Bi-Metal Unique	300mm / 12"	24
BS1232	Bi-Metal Unique	300mm / 12"	32



### HSS All Hard Blades

- Uniformly hardened blade holds the edge when cutting hard-to-machine alloys, maintaining the straightness of the cut

Part Number	Description	Length	TPI
RS1218	All Hard	300mm / 12"	18
RS1224	All Hard	300mm / 12"	24
RS1232	All Hard	300mm / 12"	32



All Hard HSS



Bi Metal



### Cutting - Powersaw Blades

**All Hard HSS** - Manufactured from top quality High Speed Steel and hardened throughout, these blades are capable of cutting even the most difficult materials with great accuracy and combine consistent high performance and long life.

**Bi Metal HSS** - These blades are manufactured from High Speed Steel, electro beam welded to a spring steel back and are capable of withstanding heavy feed pressure, resulting in an economical and high cutting rate. Because they are virtually unbreakable under normal working conditions, and offer a high level of safety.

Size mm	Teeth	Pin Hole Centres	All Hard HSS Blue Blade	Bi Metal HSS Orange Blade
12 x 1	10	300mm	120768	120898
12 x 1	14	300mm	120775	120904
14 x 1	10	350mm	120782	120911
14 x 1	14	350mm	120799	120928
14 x 1.25	6	350mm	120805	120935
14 x 1.25	10	350mm	120812	120942
14 x 1.25	14	350mm		120959
16 x 1.25	6	400mm	120836	120966
16 x 1.25	10	400mm	120843	120973
16 x 1.25	14	400mm	120829	
18 x 1.25	6	450mm	120850	120980
18 x 1.25	10	450mm	120867	120997
18 x 1.50	6	450mm	120874	
18 x 1.50	10	450mm	120881	

\* Pin hole diameters 8.2mm





## Cutting - Hacksaw Blades

**All Hard HSS** - Each blade is hardened throughout its entire width to give a strong, rigid back, ensuring a perfectly straight cut.

**Flexible HSS** - This is an edge hardened shatterproof blade and virtually unbreakable. It offers flexibility and safety but less wear resistance than an all hard or bimetal blade.

**Bi Metal HSS** - Virtually unbreakable blade for superb cutting performance, wear resistance and safety.

Description	Order QTY	Teeth Inch	All Hard Blue Blade	Flexible Red Blade	Bi-Metal HSS Orange Blade
<b>Hacksaw Blades</b>					
12" (300mm)	100	14T	175690		
	100	18T	119939	119908	119960
	100	24T	119946	119915	119977
	100	32T	119953	119922	119984

## CARPENTER'S PENCILS



**Lufkin®**

### Carpenters Pencil Flat

Material No.	Description
CP1	Medium Bulk (Red Pencil)
CP2H	Hard Bulk (Green Pencil)

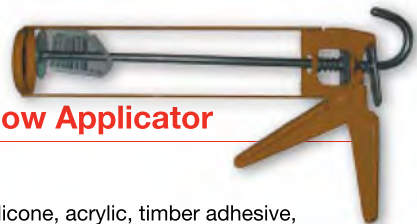
## CAULKING GUNS



### Caulking Guns

For ease of use when applying fillers.

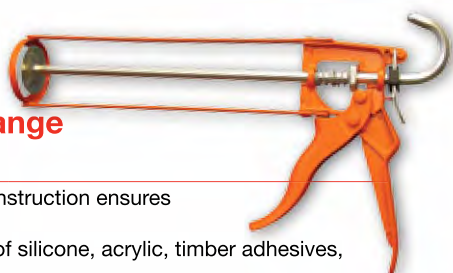
Part Number	Description	Size
10372	Standard Caulking Gun	Standard
10389	Heavy Duty Caulking Gun	Heavy Duty



### Trade Gun 125mm Yellow Applicator

- Trade gun suitable for handyman
- Trade and professional users
- Dispenses 300ml cartridges of silicone, acrylic, timber adhesive, mastic and caulk

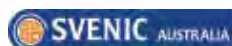
**Product Code: SV608SAE**



### Pro Gun 215mm Orange Sealant Applicator

- Strong, lightweight, metal construction ensures reliability and minimal waste
- Dispenses 300ml cartridges of silicone, acrylic, timber adhesives, mastic and caulk
- Polyurethane and high viscosity materials

**Product Code: SV616SAE**



### Frame Gun Heavy Duty 215mm Applicator

- Top of the range, professional quality applicator
- Easily dispenses hard or difficult sealants, caulks and adhesives, due to its high mechanical advantage.

**Product Code: SV620SAE**



### Jumbo Gun 320mm Sealant Applicator

- Top of the range, professional quality applicator, suits 850ml jumbo cartridges
- Operator efficiency is enhanced by effortless trigger action allowing full smooth strokes

**Product Code: SV625SAE**



### Barrel (Plastic) Gun 370mm w/o Nozzle Hold

- Ideal for dispensing sealants and adhesives packed in sausages

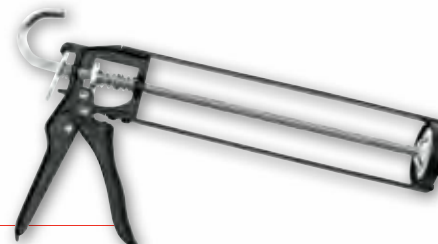
**Product Code: SV655SAE**



### Caulking Gun

- Suits standard size cartridges
- Dispenses sealant, silicone and tube cartridges

**Part Number: 301655**



## CHALK LINES AND REELS



### FatMax® Xtreme™ Chalk Line Reel

Patented ChalkView™ case – can see amount of chalk inside. Die cast. Quick gear release.



Part Number	Description	Size
47.480	Chalk Line Reel	30m
47.482	Chalk Line Reel Set - Blue Chalk	30m
47.483	Chalk Line Reel Set - Blue Chalk	30m



### FatMax® Chalk Line Reel

3:1 gear drive for faster rewind. Holds up to a 4 oz bottle of Stanley® Chalk. Chalk line has two times the tensile strength of traditional lines. Locking button holds string in place.



Part Number	Description	Size
47.140	Reel	30m
47.681	3 Piece Set	30m



# HAND TOOLS

**STANLEY**

## 30m Metal Chalk Line Reel

Durable, heavy-duty die cast body for extra long life. Long wearing felt gasket. Can be used as plumb bob.

Part Number: 47.099



**STANLEY**

## 30m Replacement Chalk Lines

High quality replacement line, 100 ft. (30m) on reel.

Part Number: 47.101

For Xtreme chalklines use item:

Part Number: 47.1012



**STANLEY**  
**FatMax**  
**XTREME**

## FatMax® Xtreme™ Chalk

Available in Red and Black, 8oz or 5lb bulk. Waterproof chalk snaps longer lasting lines on wet surfaces.

Part Number	Description	Size
47.821	Red	8oz/227g
47.822	Black	8oz/227g
47.827	Red	5lb/2.27kg
47.828	Black	5lb/2.27kg



**STANLEY**

## Stanley® Chalk Refills

High grade non permanent chalk. Packed in plastic canisters with easy-pouring spout. Plastic bottle twist-to-open cap.

Part Number	Description	Size
47.403	Chalk Refills - Blue	4oz/113g
47.803	Chalk Refills - Blue	8oz/227g



## CHISELS - COLD

**SIDCHROME**

### Cold Chisels



Part Number	Description	Size
27330	Cold Chisel	150mm x 12mm
27331	Cold Chisel	175mm x 16mm
27332	Cold Chisel	200mm x 19mm
27333	Cold Chisel	230mm x 22mm
27334	Cold Chisel	250mm x 25mm



### Alloy Cold Chisels - Premium

- Used for cutting high tensile steels and welds, as well as most other metals, concrete and stone
- Forged from chrome alloy steel to give a harder blade with great resilience
- Blade will not shatter
- Softer head is designed to mushroom, not chip
- Accurately ground to the optimum 60° angle for cutting
- Oval section for comfortable grip
- Correctly heat treated to best suit product application

\* Warning wear safety goggles user and bystander

Part Number	Size	Weight
5AC15013	150 x 13mm	0.10kg
5AC17516	175 x 16mm	0.20kg
5AC20020	200 x 20mm	0.28kg
5AC23022	230 x 22mm	0.46kg
5AC25025	250 x 25mm	0.68kg
5ACSET5	SET OF 5 - 13,16,20,22 and 25mm	2kg



### Alloy Cold Chisels - Premium

- Australian made from tough chrome moly steel
- Made to BS3066:1995
- Precision ground to optimum angle
- Hardened and tempered

\* Warning eye protection and gloves must be worn when using this product.

Part Number	Size	Weight
4CA10PP	10mm	0.07kg
4CA12PP	12mm	0.10kg
4CA16PP	16mm	0.15kg
4CA19PP	19mm	0.25kg
4CA22PP	22mm	0.34kg
4CA25PP	25mm	0.41kg
4CASET3	3 Piece Set	0.81kg
4CASET5	5 Piece Set	1.30kg

## CHISEL - BRICK



### Brick Bolster

- Used for cutting bricks and concrete
- Forged from one piece of tough high tensile carbon manganese steel
- Hardened 113mm blade will also cut through bolts
- Finely ground to give a straight cutting edge
- Fitted with protective hand grip for safety
- Correctly heat treated to best suit product application

\* Warning wear safety goggles user and bystander

Part Number	Description	Weight
5BBO	Brick Bolster c/w Protective Grip	0.90kg





## Cold Chisels

- Used for general cutting including mild steel, bolts and concrete
- Forged from tough high tensile carbon manganese steel
- Blade correctly hardened and tempered so that it will not shatter
- The head is left softer to mushroom, not chip, for safety
- Cutting edge ground to the optimum angle for best performance and durability
- Correctly heat treated to best suit product application

\* Warning wear safety goggles user and bystander

Part Number	Size	Weight
5CCPP15010	150 x 10mm	0.09kg
5CCPP15013	150 x 13mm	0.15kg
5CCPP17516	175 x 16mm	0.20kg
5CCPP20020	200 x 20mm	0.33kg
5CCPP23022	230 x 22mm	0.58kg
5CCPP25025	250 x 25mm	0.63kg
5CCSET5	Set of 5 - 13,16,20,22 & 25mm	1.90kg



## Chisel Bars

- Used with heavy hammer for masonry and demolition work
- Forged from tough high tensile carbon manganese steel
- Blade correctly hardened and tempered so that it will not shatter when driven hard
- The head is left softer to mushroom, not chip, for safety
- Ground and sharpened long tapered blade for better performance
- Correctly heat treated to best suit product application

\* Warning wear safety goggles user and bystander

Part Number	Size	Weight
5CCB30025	300 x 25mm	1.00kg
5CCB37525	375 x 25mm	1.33kg
5CCB45025	450 x 25mm	1.67kg

## CHISELS - COLD - SET



### 5 Piece Cold Chisel Set

Cold Chisels: 12, 16, 19, 22, 25mm

Part Number: 27305

## CHISELS - ELECTRICIAN



### Electrician Bolster

- Used for chasing plaster and other renovation work
- Forged from one piece of tough high tensile carbon manganese steel
- Hardened 63mm blade will also cut through bolts
- Finely ground to give a straight cutting edge
- Fitted with protective hand grip for safety
- Correctly heat treated to best suit product application

\* Warning wear safety goggles user and bystander

Part Number	Description	Weight
5EB	Electricians Bolster c/w Protective Grip	0.59kg

## CHISELS - MASONRY



### Alloy Masonry Chisel - Premium

- Used for masonry and renovation work, stripping tiles, etc. & other general cutting
- Forged from tough chrome alloy steel
- Long finely tapered and ground blade, ground to the optimum 60° angle for cutting
- Head is normalized, designed to mushroom, not chip, for safety.
- Correctly heat treated to best suit product application

\* Warning wear safety goggles user and bystander

Part Number	Size	Weight
5CM25025	250 x 25mm	0.57kg
5CM25032	250 x 32mm	0.58kg
5CM25038	250 x 38mm	0.59kg
5CM25050	250 x 50mm	0.62kg

## CHISEL - PLUGGING



### Plugging Chisels

- Used for cutting mortar joints
- Forged from tough high tensile carbon manganese steel
- Reverse tapered blade to avoid jamming
- Accurately ground and sharpened cutting edge
- Correctly heat treated to best suit product application

\* Warning wear safety goggles user and bystander

Part Number	Size	Weight
5PC	16mm - 7mm Blade	0.33kg

## CHISELS - RIPPING

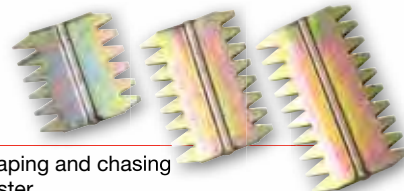


### Ripping Chisels

- Can be used for lifting, prying and removing nails
- Extra wide claw and cutting edge
- Bevelled nail slots

Part Number	Description	Size mm
41200	Single End	450
41201	Double End	450

## CHISELS - SCUTCH COMB



### Scutch Combs

- Used with holder for cleaning, shaping and chasing masonry, including stone and plaster
- Made from high tensile steel, hardened and tempered for strength and durability
- Quality English product made to exacting standards
- Plated to prevent rusting, double-sided for double life
- Correctly heat treated to best suit product application

\* Warning wear safety goggles user and bystander

Part Number	Size	Weight
5SC25	25mm	0.01kg
5SC38	38mm	0.02kg
5SC50	50mm	0.03kg



# HAND TOOLS



## Scutch Comb Holders

- Used for cleaning, shaping and chasing masonry, including stone and plaster
- Large head forged with sufficient material to support comb for added strength
- Supplied with hardened English-made replaceable comb
- Machined slot for accurate blade fitting
- Great for renovation, removing cement to replace tiles, cleaning bricks, etc.
- Correctly heat treated to best suit product application

\* Warning wear safety goggles user and bystander

Part Number	Size	Weight
5SHWC25	25mm Scutch Holder c/w Comb	0.54kg
5SHWC38	38mm Scutch Holder c/w Comb	0.60kg
5SHWC50	50mm Scutch Holder c/w Comb	0.70kg

## CHISELS – THRU TANG - SETS

**STANLEY**

**FatMax**

### FatMax® 5 Piece Thru-Tang Chisel Set

Contains:

- 5-16-251 (6mm)
- 5-16-254 (12mm)
- 5-16-258 (18mm)
- 5-16-261 (25mm)
- 5-16-263 (32mm)

Part Number: 5-16-269



**STANLEY**

**FatMax**

### FatMax® 6 Piece Thru-Tang Butt Chisel Set

Contains

- 16.973 (6mm)
- 16.977 (18mm)
- 16.979 (32mm)
- 16.975 (12mm)
- 16.978 (25mm)
- 16.980 (38mm)

Part Number: 16.971



## CHISEL – THRU TANG

**STANLEY**

**FatMax**



### FatMax® Thru-Tang Chisels

Bevel edge chisels for the professional or craftsman. Full size bi-material Cellulose Acetate Buterate (CAB) and TPE handle provides superior grip and comfort. Steel striking cap allows the chisel to withstand blows from a steel hammer. Thru-Tang design increases strength and durability by 50% - Laboratory Tested.

Part Number	Width	Part Number	Width
5-16-251	6mm	5-16-260	22mm
5-16-252	8mm	5-16-261	25mm
5-16-253	10mm	5-16-262	30mm
5-16-254	12mm	5-16-263	32mm
5-16-255	14mm	5-16-264	35mm
5-16-256	15mm	5-16-265	38mm
5-16-257	16mm	5-16-266	40mm
5-16-258	18mm	5-16-267	50mm
5-16-259	20mm		

**STANLEY**

**FatMax**



### FatMax® Thru-Tang Butt Chisels

Short series blade for strength and control. Hardened and tempered high chrome carbon alloy steel blade for edge retention. Cutting edge is finely ground and ready for use. Thru-Tang design provides 50% more strength and durability.

Part Number	Width	Part Number	Width
16.973	6mm	16.978	25mm
16.975	12mm	16.979	32mm
16.977	18mm	16.980	38mm

## CHISEL SETS - WOODWORKING



### 6 Piece Chisel Set Nylon Zipper Case + Stone & Honing Guide

Two component handle. Protective holster included. Precision ground blade for maximum sharpness. Hardened and tempered for long lasting performance. Honed and ready to use.

Part Number	Description	Size
424P-S6-ZC	6 Piece Chisel Set + Stone & Honing Guide	6-32mm



### 6 Piece Splitproof Chisel Set in Wooden Case

Splitproof handle. Two component ergonomic non-slip grip. Protective holster included. Precision ground blade for maximum sharpness. Hardened and tempered for long lasting performance. Honed and ready to use. Polished blade for rust resistance. Safety guard with rounded shoulders. Tailored for demanding carpentry and construction jobs.

Part Number	Description	Size
434-S6-EUR	6 Piece Splitproof Chisel Set in Wooden Case	6-32mm





## CHISELS - WOODWORKING



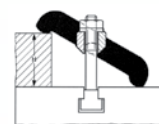
Roughing Gouge

### Wood Turning Tools

P&N woodturning tools are manufactured in Australia from high quality M2 high speed steel and painstakingly machined into a comprehensive range of gouges, chisels, parting and scraping tools. The handles are turned from selected Australian hardwood and specially shaped to fit naturally into your hand.

Type		Part Number	
Spindle Gouge			
Size	Flute Length	Handled	Unhandled
6	60	7600006	7605006
8	95	7600008	7605008
10	125	7600010	7605010
12	150	7600012	7605012
16	150	7600016	7605016
19	150	7600019	7605019
Bowl Gouge		Part Number	
6	60	7600106	7605106
8	95	7600108	7605108
10	125	7600110	7605110
12	150	7600112	7605112
16	150	7600116	7605116
Supa Gouge		Part Number	
16	185	7600118	7605117
22	185	7600120	7605118
Roughing Gouge		Part Number	
25	147	7600125	7605125
32	147	7600135	7605135
Detail Gouge		Part Number	
8	150	7600809	7605809
10	150	7600818	7605818
12	150	7600827	7605827
16	150	7600836	7605836
Skew Chisel		Part Number	
12 x 6	175	7600212	7605212
18 x 6	170	7600218	7605218
24 x 8	165	7600224	7605224
30 x 8	160	7600230	7605230
Parting Off Tool		Part Number	
3 x 12	175	7600303	7605303
6 x 12	175	7600306	7605306
Scraper - Square End		Part Number	
12 x 8	175	7600312	7605312
18 x 8	170	7600318	7605318
24 x 8	165	7600324	7605324
30 x 8	160	7600330	7605330
Beading Tool		Part Number	
10 x 10	172	7600410	7605410

## CLAMPS - BUTTRESS



### Buttress Clamps

- Holds press tools on all types of power presses
- Clamps work up to 75mm deep to drilling machines and lathe faceplates
- Constant clamping force ratio between workpiece and table
- Self aligning captive pivot
- 4 point contact resists tendency for workpiece to rotate
- Available in standard, medium or heavy duty

## CLAMPS - BAR - QUICK ACTION

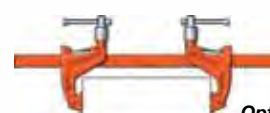


### Quick Change Bar Clamps - XP

- Superior clamping force of up to 250kg - suitable for work cramping
- Non explosive release mechanism from smooth, one-handed release
- Clamp can be converted to a spreader - no tools needed
- Throat depth 94mm

Part Number	Description	Size
2021406	Quick Change Bar Clamp - XP	150mm
2021450	Quick Change Bar Clamp - XP	1270mm

## CLAMPS - BAR



Optional Connector

### Bar Clamps

- For tough engineering jobs (fabrication, welding, machining, maintenance, toolroom)
- Extra heavy duty applications
- Spring loaded jaw stays in position when pressure is removed
- Jaw moves to securely clamp angled surfaces
- Tightening action does not rotate workpiece
- Available:
  - standard, medium and heavy duty
  - standard or long reach
  - clamping forces from 565 to 2700 daN
  - sizes from 150 to 2700mm jaw clamping

## CLAMPS - G



### G Clamps

- Malleable iron
- Heavy ribbed frame for strength and durability
- Corrosion resistant zinc plated Whitworth threaded screw, sliding bar handle and swivel pad

Part No.	Size Jaw Opening (mm)	Part No.	Size Jaw Opening (mm)	Part No.	Size Jaw Opening (mm)
Super Grade		Forged		One Handed Clamps	
61152	75	61166	75	DW73040	100
61153	100	61167	100	DW73060	150
61155	150	61168	150	DW73080	200
61156	200	61169	200		
61157	250				
61158	300				



# HAND TOOLS

**IRWIN**  
**Record**

## Medium Duty G-Clamps - Cast Iron

- I-braced design, cast from strong S.G. ductile iron
- Adjustable steel swivel shoe
- Fast and smooth action twin start acme cold rolled thread
- Fused handle designed to bend if overloaded
- Recommended for general purpose work



Part Number	Description	Size
120/3	Medium Duty G-Clamp - Cast Iron	75mm
120/12	Medium Duty G-Clamp - Cast Iron	300mm

**ECLIPSE**

## Clamps - G

- Unbreakable malleable cast iron frame
- Steel ball joint swivel pad
- Fast action twin start rolled acme thread
- Tommy bar will bend before frame becomes over stressed



Product Code	Size
EC-E20-3	3"
EC-E20-4	4"
EC-E20-6	6"
EC-E20-8	8"
EC-E20-10	10"
EC-E20-12	12"

## CLAMPS - HOSE CLAMP TOOL



## Radiator Hose Clamp Tool

Strong flexible shaft allows access to hard to get at positions.  
Supplied with 3 sockets - 1/4" (6mm), 9/32" (7mm) and 5/16" (8mm)

Part Number: 70679

## CLAMPS - LATCH

**elesa-GANTER**



## Latch Clamp with Pulling Action

Part Number	Description
GN851-160-T2	Latch Clamp with Pulling Action
GN851-320-T2	Latch Clamp with Pulling Action
GN851-700-T2	Latch Clamp with Pulling Action

## CLAMPS - LEVER

**DAWN**  
Quality Tools  
Vices & Clamps



## All Steel Heavy Duty Lever Clamp

- Designed for safe fast and easy operation
- Steel bar
- Clamping arm and pressure pad are hardened, heat treated and zinc plated
- Ergonomically designed handle and release lever
- Wear resistant ratchet design which prevents self loosening even under vibration
- Will exert pressure to 7000N

Part Number	Opening Width mm	Depth mm
43436	200	100
43437	300	140
43438	400	120
43439	600	120
43440	800	120
43441	1000	120

**BESSEY**



## Clamp and Spreader One Handed

- Parallel jaws grip along whole surface area
- Design allows access to small and confined spaces
- Pressure can be applied from any direction up to 1,200N
- Made from glue and solvent resistant materials

Part Number	Size
DUO16-6	160mm
DUO30-6	300mm
DUO16-8	160mm
DUO30-8	300mm
DUO45-8	450mm
DUO65-8	650mm

## CLAMPS - PLUNGER

**elesa-GANTER**



## Plunger Clamp Heavy Duty

- Plunger clamps for push-pull clamping

Part Number	Description	Bolt Size
GN842-70-AS	Plunger Clamp Heavy Duty	M6
GN842-160-AS	Plunger Clamp Heavy Duty	M6
GN842-360-AS	Plunger Clamp Heavy Duty	M8
GN842-550-AS	Plunger Clamp Heavy Duty	M8
GN842-1100-AS	Plunger Clamp Heavy Duty	M10
GN842-2100-AS	Plunger Clamp Heavy Duty	M12
GN842-3100-AS	Plunger Clamp Heavy Duty	M14





## Plunger Clamp

- Plunger clamps for push-pull clamping
- Also available in Stainless Steel



Part Number	Description	Bolt Size
GN843.1-80-ASW	Plunger Clamp	M6
GN843.1-165-ASW	Plunger Clamp	M8
GN843.1-340-ASW	Plunger Clamp	M10

## CLAMPS - PNEUMATIC



## Pneumatically Operated Clamp

Part Number	Description	Bolt Size
GN860-125-AP3	Pneumatically Operated Clamp	M6
GN860-200-AP3	Pneumatically Operated Clamp	M8
GN860-300-AP3	Pneumatically Operated Clamp	M10
GN860-400-AP3	Pneumatically Operated Clamp	M12



## Pneumatically Operated Clamp

- Pneumatically operated clamps with heavy duty mounting bracket

Part Number	Description	Bolt Size
GN862-200-AP3	Pneumatically Operated Clamp	M8
GN862-300-AP3	Pneumatically Operated Clamp	M10



## Pneumatically Operated Clamp

- Pneumatically operated plunger clamp for push/pull applications

Part Number	Description	Bolt Size
GN890-70-SP3	Pneumatically Operated Clamp	M6
GN890-360-SP3	Pneumatically Operated Clamp	M8
GN890-1100-SP3	Pneumatically Operated Clamp	M10



## CLAMPS - QUICK ACTION



## Quick Action Clamps

- Serrations on 6 edges for maximum slip resistance
- Ergonomically designed soft touch two composite plastic handle with Tommy bar facility
- Corrosion resistant zinc plated screw, bar and swivel pad
- ACME thread
- Clamping pressure to 5000N



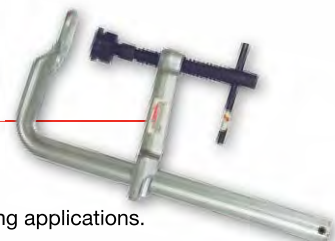
Part Number	Opening Width (mm)	Depth (mm)
61173	150	80
61174	200	80
61175	250	120
61176	300	120
61177	400	120
61178	500	120

Part No.	Opening Width (mm)	Depth (mm)
61179	600	120
61180	800	120
61181	1000	120
61182	1250	120
61183	1500	120
61184	2000	120



## Steel Clamps

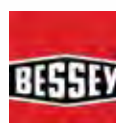
- Hardened and treated steel bar
- ACME thread
- Corrosion resistant black oxide T-handle,
- Suited for welding and general engineering applications.
- Available versions:
  - All Steel General Purpose = 7000N capacity,
  - All Steel Fitters = 12000N capacity
  - All Steel Heavy Duty = 22000N capacity



Part No.	Opening Width (mm)
<b>All Steel General Purpose Metal Work Clamps</b>	
43113	150
43114	200
43115	250
43116	300
43117	400
43118	500
43119	600
43120	800
43121	1000
43122	1250

Part No.	Opening Width (mm)
<b>All Steel Fitter Clamps</b>	
43224	250
43225	300
43226	500
43227	800
43228	1000
43229	1250

Part No.	Opening Width (mm)
<b>All Steel Heavy Duty Fitter Clamps</b>	
43330	300
43331	400
43332	500
43333	600
43334	800
43335	1000



## Clamps Quick Action General Purpose

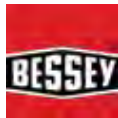
- Fully heat treated serrated profile rail for safe and secure clamping well into the future
- Reinforced sliding jaw with a non-slip device



Part Number	Description	Size
TG16-2K	MCI Jaws	160mm
TG20-2K	MCI Jaws	200mm
TG25-2K	MCI Jaws	250mm
TG30S12-2K	MCI Jaws	300mm
TG40S12-2K	MCI Jaws	400mm
TG50S12-2K	MCI Jaws	500mm
TG20K	MCI Jaws w/Tommy Bar Handle	200mm
TG25K	MCI Jaws w/Tommy Bar Handle	250mm
TG30S12K	MCI Jaws w/Tommy Bar Handle	300mm
TG40S12K	MCI Jaws w/Tommy Bar Handle	400mm
TG60S12K	MCI Jaws w/Tommy Bar Handle	600mm



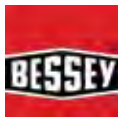
# HAND TOOLS



## Clamps Quick Action Heavy Duty

- Fully heat treated profile rail for safe and secure clamping well into the future
- New profile\* delivers 20% more pressure per spindle rotation (where applicable)
- Heavy duty sintered steel pressure pad insert for trouble free smooth operation (where applicable)

Part Number	Description	Size
GZ20K	All Steel w/Tommy Bar Handle	200mm
GZ25K	All Steel w/Tommy Bar Handle	250mm
GZ30K	All Steel w/Tommy Bar Handle	300mm
GZ40K	All Steel w/Tommy Bar Handle	400mm
GM20ZK	Omega All Steel w/Tommy Bar Handle	200mm
GM30ZK	Omega All Steel w/Tommy Bar Handle	300mm
GM50ZK	Omega All Steel w/Tommy Bar Handle	500mm
GZ60K	All Steel w/Tommy Bar Handle	600mm
SG30M	All Steel Heavy Duty w/Tommy Handle	300mm
SG50M	All Steel Heavy Duty w/Tommy Handle	500mm
SL20M	All Steel Heavy Duty w/Tommy Handle	200mm
SL30M	All Steel Heavy Duty w/Tommy Handle	300mm
SL40M	All Steel Heavy Duty w/Tommy Handle	400mm
SL60M	All Steel Heavy Duty w/Tommy Handle	600mm
STB30M	All Steel Extra Heavy Duty w/Tommy Handle	300mm
STB40M	All Steel Extra Heavy Duty w/Tommy Handle	400mm
STB50M	All Steel Extra Heavy Duty w/Tommy Handle	500mm
STB60M	All Steel Extra Heavy Duty w/Tommy Handle	600mm

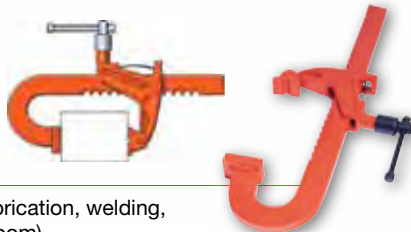


## Clamps Quick Action Lever Handle

- Fully heat treated profile rail for safe and secure clamping well into the future
- Forged sliding arm with a vibration resistant lever handle
- 50% faster applying pressure than screw clamps

Part No.	Description	Size	Part No.	Description	Size
GH16	All Steel	160mm	GH40	All Steel	400mm
GH20	All Steel	200mm	GH50	All Steel	500mm
GH25	All Steel	250mm	GH60	All Steel	600mm
GH30	All Steel	300mm			

## CLAMPS - RACK



### Carver Rack Clamps

- For tough engineering jobs (fabrication, welding, machining, maintenance, toolroom)
- Extra heavy duty applications
- Spring loaded jaw stays in position when pressure is removed
- Jaw moves to securely clamp angled surfaces
- Tightening action does not rotate workpiece
- Available:
  - standard, medium and heavy duty
  - standard or long reach
  - clamping forces from 565 to 2700daN
  - sizes from 150 to 1350mm jaw clamping

## CLAMPS - SASH



### Clamps - Sash

- Heavy duty cold drawn steel bar
- Ductile iron head and slide with tapered jaws
- Evenly spaced locating holes
- Flat bottomed head and slide and precision machined slides

Product Code	Size	Product Code	Size	Product Code	Size
EC-ESC24	24"	EC-ESC42	42"	EC-ESC54	54"
EC-ESC30	30"	EC-ESC48	48"	EC-ESC66	66"
EC-ESC36	36"				

## CLAMPS - T BAR



### Clamps - T Bar

- T-bar section for maximum stability and clamp pressure
- Heavy duty cold drawn steel bar with precision machined slides
- Ductile iron head and slide with tapered jaws
- Evenly spaced locating holes flat bottomed head with drilled feet

Product Code	Size	Product Code	Size
EC-ETBR42	42"	EC-ETBR66	66"
EC-ETBR48	48"	EC-ETBR78	78"
EC-ETBR54	54"		

## CLAMPS - T BAR



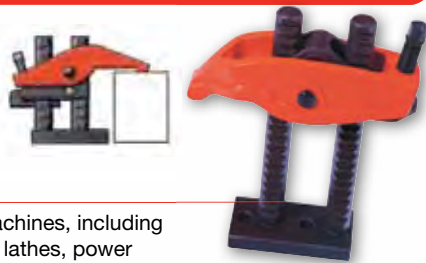
### T Bar (Sash) Cramps Clamps

- Designed for cramping large section work pieces for joint glueing and general applications
- Jaws and nuts are made from ductile iron
- Corrosion resistant zinc plated Acme threaded screw.

Part No.	Size - Jaw Opening (mm)	Part No.	Size - Jaw Opening (mm)	Part No.	Size - Jaw Opening (mm)
Light Tee (Alloy)		Heavy Tee (Alloy)		Steel	
61213	750	61230	750	61615	750
61214	1000	61231	1000	61616	1050
61215	1250	61323	1250	61617	1350
61216	1500	61233	1500	61618	1650
61217	1750	61234	1750	61611	2000
61218	2000	61235	2000	61612	2500
61220	2500	61237	2500		
61221	3000	61238	3000		
61222	3500	61239	3500		



## CLAMPS - T SLOT



### T Slot Clamps

- Hold work securely on many machines, including boring machines, planers, mills, lathes, power presses and radial drills
- Quicker, more efficient and safer than using packers and bolts – no loose pieces
- Can be used at any angle
- Head creates a 'push' action when reversed,
- Alternative positions for fulcrum pin
- Available:
  - standard, medium and heavy duty,
  - standard or long reach
  - clamping forces from 1600 to 3630 daN,
  - sizes from 100 to 1500mm hold down height.

## CLAMPS - TOGGLE



### Dawn Toggles

- Suitable for numerous holding operations in industrial jigs and fixtures where components must be clamped precisely and securely
- Variety of designs and styles with differing clamping pressure ratings, handle designs and placements, and clamping contacts
- Tremendous force multiplication
- Over-centre toggle locking principle
- Four basic toggle actions available:
  - **Hold Down Action** – holds workpiece with a downward clamping action
  - **Latch (Hook) Action** – operates with a pulling action for closing door lids, etc.
  - **Plunger Action** – straight line clamp that can be locked in a pull or push action
  - **Squeeze (Plier) Action** – holds parts with a pinching action between 2 jaws



### Vertical Toggle Clamp

- Vertical clamps with horizontal base
- Also available in Stainless Steel

Part Number	Description	Bolt Size
GN810-70-A	Vertical Toggle Clamp	M5
GN810-125-A	Vertical Toggle Clamp	M6
GN810-200-A	Vertical Toggle Clamp	M8
GN810-300-A	Vertical Toggle Clamp	M10
GN810-400-A	Vertical Toggle Clamp	M12
GN810-500-A	Vertical Toggle Clamp	M12



### Horizontal Toggle Clamp

- Horizontal clamps with horizontal base
- Also available in Stainless Steel

Part Number	Description	Bolt Size
GN820-25-M	Horizontal Toggle Clamp	M4
GN820-75-M	Horizontal Toggle Clamp	M5
GN820-130-M	Horizontal Toggle Clamp	M6
GN820-230-M	Horizontal Toggle Clamp	M8
GN820-355-M	Horizontal Toggle Clamp	M10
GN820-455-M	Horizontal Toggle Clamp	M12

## CLAMPS - WELDERS

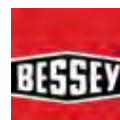


### Welding Clamps

- Heat treated forged steel for maximum durability
- Nickel and chrome plating for high corrosion resistance

Part Number	Span x Depth	Force
<b>General Duty</b>		
ECG16CS	160 x 80mm	250kg Pressure
ECG20CS	200 x 100mm	350kg Pressure
ECG25CS	250 x 120mm	600kg Pressure
ECG30CS	300 x 140mm	650kg Pressure
ECG40CS	400 x 120mm	750kg Pressure
ECG40CS	400 x 175mm	700kg Pressure
ECG60CS	600 x 120mm	750kg Pressure
ECG60CS	600 x 175mm	700kg Pressure
ECG80CS	800 x 175mm	700kg Pressure
<b>Heavy Duty</b>		
ECGS30C	300 x 140mm	1200kg Pressure
ECGS50C	500 x 140mm	1200kg Pressure
ECSS30C	300 x 175mm	2200kg Pressure
<b>Quick Action</b>		
ECG20L	200 x 100mm	350kg Pressure
ECG30L	300 x 140mm	500kg Pressure

We have a very wide range of clamps available, with many different styles and sizes to suit a diverse range of applications.



### Clamps Welder's Angle

- Pivoting jaw quickly aligns to securely clamp materials of the same or varying thickness.
- Copper coated spindle resists welding splatter adhesion

Part No.	Size	Part No.	Size
WSM9	60x90mm	WSM12	120x120mm



# HAND TOOLS

## CRIMPING TOOLS

**Crescent®**



### Insulated & Non Insulated Terminals

- Adjustment wheel for adjusting crimping pressure
- Multiple crimp sizes
- Co-moulded ergonomic handle for improved comfort and extra length for one or two handed operation

Material Number	Description
<b>CCT10</b>	Insulated: 22-10AWG (0.05-6mm <sup>2</sup> )
<b>CCT8</b>	Non Insulated: 22-8AWG (0.05-10mm <sup>2</sup> )

## CUTTERS - BOLT



**Crescent®**

### Centre Cut and Mini Bolt Cutters

Material Number	Description
<b>CJ14</b>	Centre Cut Blades, not insulated 350mm/14"
<b>CJ18</b>	Centre Cut Blades, not insulated 450mm/18"
<b>CJ24</b>	Centre Cut Blades, not insulated 600mm/24"
<b>CJ30</b>	Centre Cut Blades, not insulated 750mm/30"
<b>CJ36</b>	Centre Cut Blades, not insulated 900mm/36"
<b>PWC9</b>	Mini Bolt Cutter 216mm/8 1/2"

**Proxene®**

### Bolt Cutters

- General purpose
- Suitable for general cuts applicable from soft to medium hard materials

Product Code	Size	Product Code	Size
<b>PXBC12</b>	300mm / 12"	<b>PXBC30</b>	750mm / 30"
<b>PXBC14</b>	350mm / 14"	<b>PXBC36</b>	900mm / 36"
<b>PXBC18</b>	450mm / 18"	<b>PXBC42</b>	1050mm / 42"
<b>PXBC24</b>	600mm / 24"		

**RIDGID®**

### Bolt Cutters

Designed for cutting rod, mesh, concrete ties, cable and bolts. Slim head permits cutting close to surface. Jaws are made of hi-tensile steel.

Part No.	Description	Capacity	Part No.	Description	Capacity
<b>14213</b>	R14S	5mm	<b>14228</b>	R30S	10mm
<b>14218</b>	R18S	6mm	<b>14233</b>	R36S	11mm
<b>14223</b>	R24S	8mm	<b>14238</b>	R42S	13mm

**KNIPPEX®**  
MADE IN GERMANY



### 'Cobalt' Compact Bolt Cutters

- With precision blades for soft, hard and piano wire
- Cuts material like bolts, nails, rivets, etc. up to 5.2mm diam.
- Exceptional cutting performance with minimum effort
- Cutting edges additionally hardened

Part Number	Style	Handles	Length
<b>71 01 200</b>	0 ▶◀	Plastic Coated	200mm

**HIT®**

### Bolt Cutters



- Premium quality, made in Japan
- Features include heat treated manganese vanadium steel jaws, adjusting bolts located at the jaw strap to keep cutting edges parallel during use and to provide better cutting performance
- Comfortable rubber handles for gripping firmly and safely

Jaw Type	Part Number	Length	Cutting Capacity	
			Soft Metal	Hard Metal
<b>Standard Black Jaw</b>				
Side Cut	<b>HITNBC0300</b>	300mm (12")	5mm	4mm
	<b>HITNBC0350</b>	350mm (14")	7mm	5mm
	<b>HITNBC0450</b>	450mm (18")	8mm	6mm
Centre Cut	<b>HITNBC0600</b>	600mm (24")	10mm	8mm
	<b>HITNBC0750</b>	750mm (30")	13mm	9mm
	<b>HITNBC0900</b>	900mm (36")	16mm	10mm
	<b>HITNBC1050</b>	1050mm (42")	19mm	11mm

### High Tensile Red Jaw

Jaw Type	Part Number	Length	Soft Metal	Hard Metal
Side Cut	<b>HITNBC0300H</b>	300mm (12")	5mm	4mm
	<b>HITNBC0350H</b>	350mm (14")	7mm	5mm
	<b>HITNBC0450H</b>	450mm (18")	8mm	6mm
Centre Cut	<b>HITNBC0600H</b>	600mm (24")	10mm	8mm
	<b>HITNBC0750H</b>	750mm (30")	13mm	9mm
	<b>HITNBC0900H</b>	900mm (36")	16mm	10mm
	<b>HITNBC1050H</b>	1050mm (42")	19mm	11mm

**ECLIPSE®**

### Bolt Cutters - Forged



- Precision machined drop forged jaws
- Solid forged handles for maximum force between the jaws
- Non slip comfort soft grips with adjustable arms
- Built-in stops for added safety

Product Code	Size	Product Code	Size
<b>EC-EFBC14</b>	14"	<b>EC-EFBC30</b>	30"
<b>EC-EFBC18</b>	18"	<b>EC-EFBC36</b>	36"
<b>EC-EFBC24</b>	24"	<b>EC-EFBC42</b>	42"

## CUTTERS - CABLE

**Crescent®**

### Ratcheting Cable Cutter



- For clean and easy cutting of copper and aluminium cable with an outer diameter of up to 45mm diameter
- Specially sharpened and hardened blades for clean cuts
- Ratcheting mechanism allows easy one handed operation
- Locking blade with blade release allows blade to be opened in mid cut
- Quick adjustment allowed by pushing handles apart
- Blade lock

Material No. CRCC1

## CUTTERS - CEMENT SHEET

**SPEAR & JACKSON®**

### Fibro Cement Sheet Cutter



- Tubular steel handles with rubber hand grips
- Ideal for cutting cement sheet for tile underlay
- Heavy duty double action cut up to 10mm

Product Code: SJ-FCC



## CUTTERS - CONDUIT

**Crescent®**

### Conduit Cutter

- Heavy duty tool
- Heat treated cutting blade for cutting P.V.C. pipe and water hose up to 42mm diameter
- Cuts cleanly without the need for de-burring
- Heavy duty design and construction
- Bright red colour for easy standout in the tool box and workplace
- Jaw insert enables cutting of additional profiles, including square

Material No. CCC42



## CUTTERS - HOSE



### Large Hose Cutters

For cutting plastic, rubber and nylon hose. Razor sharp blade. One handed operation. Large Cutter 1/8" (3mm) to 1" (25mm)

Part Number: 70597

## CUTTERS - PIPE

**Wiss**

### Ratchet Pipe Cutters

- Cut brass, copper, aluminium, PVC and other thin walled conduit materials
- Adjustable ratcheting mechanism provides increased convenience and less effort
- 360° ratcheting design allows pipe cutting in tight and hard to reach places
- Ideal for corners, floor/ceiling joists, crawl spaces and basements



Material No.	Description
WRPCSM	Small Cuts Pipe 3mm to 13mm
WRPCMD	Medium Cuts Pipe 6mm to 23mm
WRPCLG	Large Cuts Pipe 8mm to 29mm



### Steel Pipe Cutters

- Wide rollers for secure guiding of cutter wheel on pipe, giving a square cut.
- Manufactured in Spain.

Part Number	Capacity
7010100	1/8" - 1 1/4" N.B. Pipe (10 - 42mm)
7010200	1/8" - 2" N.B. Pipe (10 - 60mm)
7010400	2" - 4" N.B. Pipe (60 - 115mm)



### 1-A Heavy Duty Pipe Cutter

Fast, clean pipe cutting by hand. Extra long shank protects adjustment threads. Can be converted to 3 wheel cutter. Cuts gal, steel and cast-iron pipe. Other types of pipe cutters also available.

Part Number: 32810



### 42-A Heavy Duty 4 Wheel Pipe Cutter



Designed for work in areas where a complete turn is impossible. Comes equipped with four heavy duty wheels.

Part Number: 32870

## CUTTERS - PLASTIC



### Plastic Cutters

Easy to use scissor type plastic cutters for a variety of materials. Different models cut varying materials. Check with the manufacturer for the best model to suit your needs.

Part Number	Description	Capacity
23498	Model RC-1625 Plastic Cutter	12-42mm
23493	Model RC-1375 Plastic Cutter	3-35mm
23488	Model RC-1250 Plastic Cutter	3-42mm

## CUTTERS - POCKET



### Pocket Cutters

- Light weight, general purpose
- Special alloy hardened and tempered cutting blade
- Comfortable grip with spring action permitting one hand operation
- Lockable handles

Part Number	Description	Length	Max. Cutting Capacities		
			Mild Steel	Hard Steel	Piano Wire
HITPC200	Hand Cutter	200mm	4mm	2mm	-
HITPE200	End Cutter	200mm	3.5mm	2mm	-
HITPH200	Wire Cutter	200mm	4mm	3mm	2.5mm

## CUTTERS - REBAR / BENDER



### Rebar Cutter And Bender

- Maximum capacity 16mm
- Rugged contractors tool
- Shear-cut blades
- Mounts easily on most flat surfaces to enhance leverage

Material No. 0590RBJN



# HAND TOOLS

## CUTTERS - SOIL

**RIDGID**

### 246 Soil Pipe Cutter

Cuts 1 1/2" - 6" clay, cast-iron or cement pipe and 4" class 22 water main. Ratchet action handle parallel to pipe allows for application in minimum width trenches. Complete with hand guard to protect operator's knuckles when cutting.

**Part Number: 32900**



**GENERAL**

### General Tubing Cutters

- **Standard** - Rollers allow tubing to be cut close to the flared end. Hardened steel reamer slides and locks in place.
- **Heavy Duty** - Largest capacity cast frame cutter. Twin hardened flare groove rollers. Double retractable tool steel reamer.

Part Number	Description	Size
GEN120	Tube Cutter with Rollers - Standard	3-29mm
GEN125	Tube Cutter with Rollers - Heavy Duty	6-38mm



## CUTTERS - THREADED ROD

**HIT**

### Threaded Rod Cutters

- A must for construction sites where threaded rods are used to secure pipe, conduit sprinkler systems, duct work, lighting, ceiling and many other construction applications
- Cuts fast, clean, with precision and eliminates grinding, filing and thread restoring
- Forged alloy steel head with heat-treated cutting dies
- Lasts up to 3000 cuts, life of the die can be extended by changing to alternate side

Style	Part Number	Length	Capacity	
			Diameter	Pitch
Single Head	HITTRC6	740mm (29")	6mm	1.00
	HITTRC8	740mm (29")	8mm	1.25
	HITTRC10	740mm (29")	10mm	1.50
	HITTRC1/4	740mm (29")	1/4"	20tpi
	HITTRC5/16	740mm (29")	5/16"	18tpi
	HITTRC3/8	740mm (29")	3/8"	16tpi
Double Head	HITTRC1210	850mm (33")	10mm	1.50
			12mm	1.75



## CUTTERS - WIRE ROPE

**HIT**

### Heavy Duty Wire Rope Cutters

- For cutting wire rope, piano wire, steel wire, ACSR cable and aircraft cable
- Forged aluminium handles

Part Number	Length	Max. Cutting Capacities			
		Wire Rope	Piano Wire	Steel Wire	ACSR Cable
HITHWC09	335mm	9mm	4mm	6mm	25mm <sup>2</sup>
HITHWC12	520mm	12mm	4.5mm	7mm	58mm <sup>2</sup>
HITHWC16	650mm	16mm	5mm	9mm	120mm <sup>2</sup>



## ETCHERS

**WB PRECISION TOOLS**

### Metal Etching Pen

Light duty etching pen suitable for ferrous and some non-ferrous metals. Works in conjunction with the Scope power supply unit P/No. PSU

**Part Number: MEP**



Metal Etching Pen shown with optional PSU

**WB PRECISION TOOLS**

### Heavy Duty Electric Etcher

Provides a clear legible etch in steel and other ferrous metals. Also suitable for some non-ferrous metals. Robust construction for heavy duty and a long life. Three switch controlled settings - light, medium and heavy.

**Part Number: 720000**



## CUTTERS - TUBE

**SUPER EGO**

### Tube Cutters

- Quality tube cutters with wide rollers and HSS cutter blades.
- Manufactured in Spain.

Part Number	Description	Capacity
7221000	Minicut 2000 - For work in tight spaces	6 - 22 mm
7250000	Traditional Design - with reamer & spare wheel	3 - 30 mm
7260000	Traditional Design - with reamer & spare wheel	12 - 50 mm
7350000	Telescopic Action - gives smaller working radius	6 - 35 mm
74200ZB	Telescopic Action - gives smaller working radius	6 - 42 mm





# ENGINEERS Black Book

## The ultimate ENGINEERS reference book...

A wealth of up-to-date, useful, information within the matt laminated grease proof pages. Wire bound to stay flat on workbench when reading and is ideal for engineers, trades people, apprentices, machine shops, tool rooms, technical colleges.

Engineers Black Book - 057110  
Comes with FREE Drill Sharpening Guide  
NEW Fasteners Black Book - 057134  
Comes with FREE Thread Pitch Gauge



**NEW**  
inch / metric  
equivalents, standard  
dimensions, fastener  
grades, reference  
tables & more...

### FEELER GAUGES



#### Master Mechanic Feeler Gauge

37 precision blades from 0.0015" (.038mm) to 0.035" (.889mm). Includes 6 brass blades. Double etched with inches and mm sizes.

Part Number: 70119



#### Feeler Gauge Sets - Precision

- Standard: DIN 2275
- All blades are hardened, tempered and polished
- Nominal thickness marked on each blade



Product Code	Size
MW-387M	75mm - Range 0.03-0.50mm
MW-388M	100mm - Range 0.03-0.50mm
MW-394M	150mm - Range 0.05-1.00mm
MW-398M	150mm - Range 0.05-1.00mm

### FILE BRUSH

Nicholson®

#### Hand File Brush

- For cleaning hand files, ensuring longer life and much improved performance of the file
- Comfortable wooden handle with handy hang up hole
- Each brush is individually stickered and barcoded
- Size: 230mm

Material No. 21458

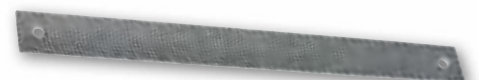


### FILES - CAR BODY

Sykes-Pickavant.

#### Premium Body Blades

- Easy cutting and extended life
- Each tooth cut individually for accuracy
- Chamfered edges to avoid damage to body



Part Number	Description
057111	Standard Flat Cut
057112	Fine Flat Cut
057115	Plasticut Flat



# HAND TOOLS

## FILES - ENGINEERING

**Nicholson®**



### Cabinet Rasp - Half Round Regular

Size mm/"	With Handle	Bulk - No Handle
200/8	917616AU	17615N
250/10	917684AU	17683N
300/12		17751N

### Chainsaw File

Size mm/"	With Handle	No Handle Pack of 3
200 X 4.0	901716AU	02228B
200 X 4.8	901765AU	02229B
200 X 5.6	901888AU	02230B

### Contact Point File - No Handle Included

Size mm/"	Carded	Bulk - No Handle
133/5¼	921985AU	921905AU

### Flat Bastard

Size mm/"	With Handle	Bulk - No Handle
150/6	903468AU	T03467
200/8	903567AU	T03566
250/10	903666AU	T03665
300/12	903765AU	T03764
350/14		T03863

### Flat Second Cut

Size mm/"	With Handle	Bulk - No Handle
100/4		T03401
150/6	903501AU	T03500
200/8	903600AU	T03599
250/10	903699AU	T03698
300/12	903798AU	T03797
350/14		T03896

### Flat Smooth

Size mm/"	With Handle	Bulk - No Handle
150/6		T03533
200/8		T03632
250/10	903732AU	T03731
300/12		T03830
350/14		T03929

### Farmers Own 1SE - No Handle Included

Size mm/"	Carded	Bulk - No Handle
250/10		T06668
350/14	18155N	

### Half Round Bastard

Size mm/"	With Handle	Bulk - No Handle
100/4		04695N
150/6	904796AU	04795NN
200/8	904897AU	04896NN
250/10	904996AU	04995N
300/12	905095AU	05094N
350/14		05194N

### Half Round Second Cut

Size mm/"	With Handle	Bulk - No Handle
100/4		04729N
150/6	904829AU	04828NN
200/8	904928AU	04927NN
250/10	905027AU	05026N
300/12		05125N
350/14		05225N

### Half Round

Size mm/"	Smooth	Hand Smooth 1SE
100/4	04762N	
150/6	04861N	T05804
200/8	04960N	T05919
250/10	05059N	T06034
300/12	05158N	T06150

### Hand - 2nd & Bastard Cut

Size mm/"	Hand 2nd Cut 1SE - Bulk - No Handle	Hand Bastard 1SE - Bulk - No Handle
150/6	T05771	T05738
200/8	T05886	T05853
250/10	06001N	T05968
300/12	T06117	T06084

### Handy File

Size mm/"	1SE	Horse Rasp without Tang # Winner
200/8	T06601	17903N

### Long Angle Lathe Fine Cut, 2SE - 2 Safe Edges

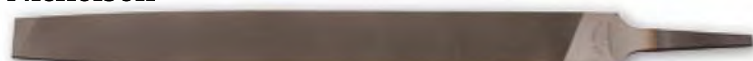
Size mm/"		Bulk - No Handle
300/12		T07851

### Millsaw File - (Regular) 2SE Bastard

Size mm/"	With Handle	Buld - No Handle
150/6	908355AU	T08354
200/8	908498AU	T08497
250/10	908643AU	T08642
300/12	908738AU	T08737
350/14		T08832



## Nicholson®



### Millsaw File 2SE Square Edge Second Cut

Size mm/"	With Handle	Bulk - No Handle
250/10	908674AU	T08673
300/12		T08768



### Millsaw Files (Regular) 1 RE Bastard

Size mm/"	With Handle	Bulk - No Handle
200/8	909100AU	T09099
250/10	909180AU	T09179
300/12	909228AU	T09227



### Round Bastard

Size mm/"	With Handle	Bulk - No Handle
100/4	911526AU	11526N
150/6	911717AU	11716
200/8	911905AU	11904
250/10	912020AU	12019
300/12	912135AU	12134



### Round Second Cut

Size mm/"	With Handle	Bulk - No Handle
150/6	911749AU	11748N
200/8	911937AU	11936
250/10	912052AU	12051
300/12		12166



### Round Smooth

Size mm/"	With Handle	Bulk - No Handle
150/6		11781N
200/8		11969
250/10		12084
300/12		12199



### Square Bastard

Size mm/"	With Handle	Bulk - No Handle
150/6	912968AU	12967
200/8	913082AU	13081
250/10	913197AU	T13196
300/12		13310

### Square Second Cut

Size mm/"	Bulk - No Handle	Bulk - No Handle
150/6	13000N	13033
200/8	13114	13147
250/10	13229	13262
300/12	13343	



### Taper - Slim

Size mm/"	With Handle	Bulk - No Handle
100/4	914107AU	14106M
125/5	914163AU	14162M
150/6	914225AU	14224M
175/7	914256AU	14255M
200/8	914291AU	14290M



### Taper - Extra Slim

Size mm/"	With Handle	Bulk - No Handle
100/4	914548AU	14547M
150/6	914666AU	14665M



### Three Square Second Cut

Size mm/"	With Handle	Bulk - No Handle
150/6		15958N
200/8		16069N
250/10		16180N



### Warding Bastard

Size mm/"	With Handle	Bulk - No Handle
100/4	916508AU	16507
150/6	91664AU	16663
200/8	916762AU	16761



### Warding Second Cut

Size mm/"	Bulk - No Handle	Bulk - No Handle
100/4	16540	16573
150/6	T16696	16729
200/8	16794	16827



### Woodcraft Rasp - Half Round Bastard

Size mm/"	With Handle	Bulk - No Handle
200/8	919395AU	19394N
250/10	919428AU	19427N
300/12	919461AU	19460N
350/14		19493N



# HAND TOOLS



## Hand Tools - Files

**Bastard Cut** - For faster removal of material

**Second Cut** - For a medium coarse finish

**Smooth Cut** - For the most polished finish

Files Handled			
Size Inch	Size mm	File Cut	Part Number
<b>Engineers File Flat</b>			
8	200	Bastard	300AC1081
10	250	Bastard	300AC1101
10	250	2nd Cut	300AC1102
10	250	Smooth	300AC1103
<b>Engineers File Half Round</b>			
8	200	Bastard	300AE1081
8	200	2nd Cut	300AE1082
8	200	Smooth	300AE1083
10	250	Bastard	300AE1101
<b>Engineers File Square</b>			
6	150	Bastard	300AJ1061
8	200	Bastard	300AJ1081
10	250	Bastard	300AJ1101
<b>Engineers File Round</b>			
6	150	Bastard	300AG1061
8	200	Bastard	300AG1081
10	250	Bastard	300AG1101
12	300	Bastard	300AG1121
<b>Warding File</b>			
6	150	Bastard	300AH1061
<b>Saw File Slim Taper</b>			
4	100	Bastard	300BE1040
6	150	Bastard	300BE1060
8	200	Bastard	300BE1080
<b>Saw File 2-Square Edge Mill</b>			
6	150	Bastard	300CA1061
8	200	Bastard	300CA1081
10	250	Bastard	300CA1101
12	300	Bastard	300CA1121
<b>Saw File 1 Round Edge Mill</b>			
8	200	Bastard	300CC1081
10	250	Bastard	300CC1101
12	300	Bastard	300CC1121
<b>Wood Rasp Half Round</b>			
8	200	Bastard	300EA1081
10	250	Bastard	300EA1101
12	300	Bastard	300EA1121
<b>Cabinet Rasp</b>			
8	200	Bastard	300EC1081
10	250	Bastard	300EC1101
<b>Chainsaw File</b>			
8	200	5/32	300DA1580
8	200	3/16	300DA1680
8	200	7/32	300DA1780
8	200	1/4	300DA1880

Wood Rasps Unhandled					
Size Inch	Size mm	Pack QTY	Half Round Bastard	Cabinet Bastard	Horse Rasp
8	200	12	300EA0081	300EC0081	
10	250	12	300EA0101	300EC0101	
12	300	12	300EA0121		
14	350	6			300EH0141

Files Unhandled					
Size Inch	Size mm	Pack QTY	Bastard	2nd Cut	Smooth
<b>Engineers Flat Files</b>					
6	150	12	300AC0061	300AC0062	300AC0063
8	200	12	300AC0081	300AC0082	300AC0083
10	250	12	300AC0101	300AC0102	300AC0103
12	300	6	300AC0121	300AC0122	300AC0123
14	350	6	300AC0141		
<b>Engineers File Half Round</b>					
6	150	12	300AE0061	300AE0062	300AE0063
8	200	12	300AE0081	300AE0082	300AE0083
10	250	12	300AE0101	300AE0102	300AE0103
12	300	6	300AE0121	300AE0122	
14	350	6	300AE0141	300AE0142	
<b>Engineers File Square</b>					
6	150	12	300AJ0061	300AJ0062	
8	200	12	300AJ0081	300AJ0082	
10	250	12	300AJ0101	300AJ0102	
<b>Engineers File Round</b>					
4	100	12	300AG0041	300AG0042	300AG0043
6	150	12	300AG0061	300AG0062	300AG0063
8	200	12	300AG0081	300AG0082	300AG0083
10	250	12	300AG0101	300AG0102	300AG0103
12	300	6	300AG0121	300AG0122	300AG0123
14	350	6	300AG0141	300AG0142	
<b>Warding Files</b>					
6	150	12	300AH0061	300AH0062	300AH0063
8	200	12	300AH0081	300AH0082	300AH0083
<b>Mill Long Angle Lathe Files</b>					
12	300	6	300AL0121		
<b>Saw Files</b>					
<b>3 Square</b>					
6	150	12	300BA0061	300BA0062	300BA0063
8	200	12	300BA0081	300BA0082	300BA0083
10	250	12	300BA0101	300BA0102	300BA0103
<b>Slim Taper</b>					
4	100	12	300BE0040		
6	150	12	300BE0060		
8	200	12	300BE0080		
<b>2 Square Edge Mill</b>					
6	150	12	300CA0061		
8	200	12	300CA0081		
10	250	12	300CA0101	300CA0102	300CA0103
12	300	12	300CA0121	300CA0122	
<b>1 Round Edge Mill</b>					
8	200	12	300CC0081		
10	250	12	300CC0101		
12	300	6	300CC0121		

Chainsaw Files Unhandled				
Size Inch	Size mm	Pack QTY	Part Number	
8	200	12	300DA0580	
8	200	12	300DA0680	
8	200	12	300DA0780	
8	200	12	300DA0880	



## FILES - ENGINEERS SETS

### Nicholson

#### File Sets

- Manufactured from hardened and tempered carbon steel
- Precision cut teeth ensure fast material removal and highest performance standards
- 3 and 5 piece set come in hard wearing zippered carry case



Material No.	Description
NFS310	3 Piece 10" File Set, Flat Bast, 1/2 Rnd 2nd Cut, Rnd Bast
NFS38	3 Piece 8" File Set, Flat Bast, 1/2 Rnd 2nd Cut, Rnd Bast
NFS510	5 Piece 10" File Set, Flat Bast, 1/2 Rnd 2nd Cut, Rnd Bast, Millsaw Bast, Sq 2nd cut
NFS58	5 Piece 8" File Set, Flat Bast, 1/2 Rnd 2nd Cut, Rnd Bast, Millsaw Bast, Sq 2nd Cut
NPFS6	6 Piece Precision File Set

## FILES - NEEDLE SETS



### Needle Files - Sets

All purpose needle files are used for trimming, sharpening, slotting, and cleaning metal, plastic or wood.



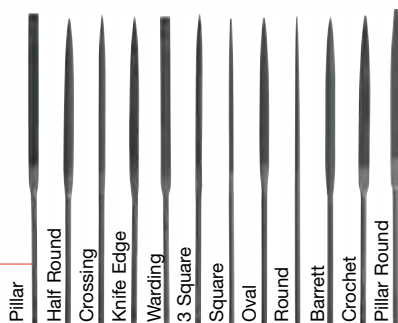
Needle File Sets	Contents	Pieces	Part Number
M020	In plastic wallet 1 ea: M001 M002 M006 M007 M008 M010	6	M305 M020
M060	In plastic box 1 ea: M001 M002 M003 M005 M006 M007 M008 M009 M010 M011 M015 M016	12	M305 M060

## FILES - NEEDLE



### Needle Files

Ideally used for shaping and filing



Shape	Code	Style	L <sub>1</sub>	Part Number
<b>With integrated, round handle</b>				
	M001	Pillar	160	M305 M001
	M002	Half Round	160	M305 M002
	M003	Crossing	160	M305 M003
	M005	Knife Edge	160	M305 M005
	M006	Warding	160	M305 M006
	M007	Three Square	160	M305 M007
	M008	Square	160	M305 M008
	M009	Oval	160	M305 M009
	M010	Round	160	M305 M010
	M011	Barrett	160	M305 M011
	M015	Crochet	160	M305 M015
	M016	Pillar (Round Edges)	160	M305 M016

## FILES - SURFORM & BLADES

### STANLEY

#### Surform® Flat File

Superb for use as rasp on wood, plastic, soft metals and many other materials. Metallic grey, die-cast alloy body. High impact polymer handle. Fitted with replaceable 250mm blade. Length 440mm

Part Number: 21.295



### STANLEY

#### Surform® Plane

Resilient enough for use on materials that would dull a traditional bench plane blade. Metallic grey, die-cast alloy body. High impact polymer handle. Fitted with replaceable 250mm blade. Length 310mm

Part Number: 21.296

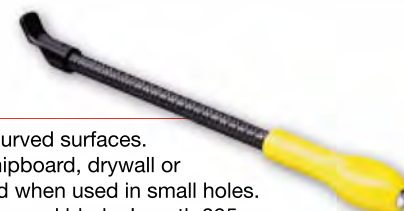


### STANLEY

#### Surform® Round File

For enlarging holes and smoothing curved surfaces. Ideal for pipe installations in MDF, chipboard, drywall or laminates. Front grip can be removed when used in small holes. Fitted with replaceable (10"/250mm) round blade. Length 395mm

Part Number: 21.297

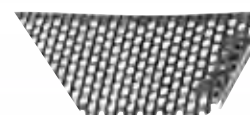


### STANLEY

#### Surform® Standard Cut Replacement Blade

All purpose blade – use on wood, vinyl, plaster, thermalite, fibreglass and linoleum. Teeth flush to the blade edge for working into edges. Length 250mm

Part Number: 21.293

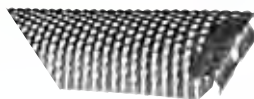




# HAND TOOLS

**STANLEY**

## Surform® Half Round Replacement Blade

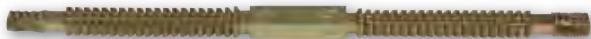


Half round convex blade for faster stock removal and shaping curved surfaces. Ideal for work on fibreglass and removing filler (for cars and boats). Length 250mm.

Part Number: 21.299

## FILES - THREAD

**FAMOUS TOLEDO**  
EXCELLENCE BY DESIGN



### Thread Files

- Restoration tool for damaged or corroded threads
- Repairs almost any diameter bolt or stud
- Handles left or right handed threads

Part Number	Description	Pitch Size
301065	Metric	0.80, 1.00, 1.25, 1.5, 1.75, 2.00 & 3.00
301066	SAE	24-20-18-16-14-12-11-10

## FLARING TOOLS

**SUPER EGO**



### Tube Flaring Kits

Quality flaring tools for producing 45° flares on copper, brass, aluminium and steel tube.

Part Number	Description	Capacity
22601SE	Universal self adjusting single flaring	3/16" - 5/8"
4910300	Double Flaring set c/w tube cutter	3/16" - 5/8"
R222402SE	HD flaring tool with bearings & eccentric cone	1/8" - 3/4"

**GENERAL**

### General Flaring Tool

- Cast iron yolk



Part Number	Description
GEN151	Flaring Tool 3/16" - 5/8" Capacity

## FOX WEDGE



### Fox Wedges

- Used for splitting mating surfaces
- Also used for packing machinery and structures level before fixing
- Forged and ground blade with fine edge for easy entry
- Correctly heat treated to best suit product application
- Also available in selected other sizes and stainless steel on request

\* Warning wear safety goggles user and bystander



Part Number	Size	Weight
5FW07538	75 x 38 x 12mm	0.16kg
5FW10025	100 x 25 x 8mm	0.10kg
5FW17550	175 x 50 x 12mm	0.46kg

## GARAGE STOOL

**KINCROME**  
PROFESSIONAL QUALITY TOOLS

### Garage Stool - Double Ring

- Swivel padded seat
- Seat 350mm diameter x 85mm thick
- Chrome plated frame
- Heavy duty construction
- Ready to assemble
- H: 750mm Capacity: 150kg

Part Number: K120005



## GAUGES - ANGLE

**imex**

### Imex Digital Angle Gauge

- Measure 0 - 180°
- 0.1° Resolution
- Large LCD display
- German made
- 350, 517, 750 or 1050mm models



Part Number	Description
002-498035	350mm
002-495050	517mm
002-495075	750mm
002-495105	1050mm

## GAUGES - PROFILE

**FAMOUS TOLEDO**  
EXCELLENCE BY DESIGN

### Profile Gauges

- Quick and easy way to copy difficult shapes for cutting and shaping
- Ideal for installing carpet, vinyl and laminate flooring, tiling and wall paper



Part Number	Length
301890	125mm
301891	250mm



## GEARED RATCHET SPANNER

**KC TOOLS**  
PROFESSIONAL



### One Way Gear Ratchet Spanner

Part Number	Size	Part Number	Size
A13561	8mm	A13551	5/16"
A13562	9mm	A13552	3/8"
A13563	10mm	A13553	7/16"
A13564	11mm	A13554	1/2"
A13565	12mm	A13555	9/16"
A13566	13mm	A13556	5/8"
A13567	14mm	A13557	11/16"
A13568	15mm	A13558	3/4"
A13569	16mm		
A13576	17mm		
A13577	18mm		

**KC TOOLS**  
PROFESSIONAL



### Reverse Gear Ratchet Spanner

Part Number	Size	Part Number	Size
A13608	8mm	A13751	5/16"
A13609	9mm	A13752	3/8"
A13610	10mm	A13753	7/16"
A13611	11mm	A13754	1/2"
A13612	12mm	A13755	9/16"
A13613	13mm	A13756	5/8"
A13614	14mm	A13757	11/16"
A13615	15mm	A13758	3/4"
A13616	16mm		
A13617	17mm		
A13618	18mm		
A13619	19mm		

**KC TOOLS**  
PROFESSIONAL



### One Way Gear Ratchet Flex Head Spanner

Part Number	Size	Part Number	Size
A13781	8mm	A13791	5/16"
A13782	10mm	A13792	3/8"
A13783	12mm	A13793	7/16"
A13784	13mm	A13794	1/2"
A13785	14mm	A13795	9/16"
A13786	17mm	A13796	5/8"
A13787	19mm	A13797	3/4"

## GEARED RATCHET SPANNER - SET

**KC TOOLS**  
PROFESSIONAL



### 7 Piece One Way Gear Ratchet Spanner Sets

Part No.	Description
A13560	Metric: 8, 10, 12, 13, 14, 17 and 19mm • CR-V
A13550	AF: 5/16, 3/8, 7/16, 1/2, 9/16, 5/8 and 3/4" • CR-V

**KC TOOLS**  
PROFESSIONAL



### 7 Piece Reverse Gear Ratchet Spanner Sets

Part No.	Description
A13600	Metric: 8, 10, 12, 13, 14, 17 and 19mm • CR-V
A13750	AF: 5/16, 3/8, 7/16, 1/2, 9/16, 5/8 and 3/4" • CR-V

**KC TOOLS**  
PROFESSIONAL



### 7 Piece One Way Gear Ratchet Flex Head Spanner Sets

Part No.	Description
A13780	Metric: 8, 10, 12, 13, 14, 17 and 19mm • CR-V
	AF: 5/16, 3/8, 7/16, 1/2, 9/16, 5/8 and 3/4" • CR-V

**KINCROME**  
PROFESSIONAL QUALITY TOOLS

### Reverse Gear Spanner Set

- 7 piece
- Metric: 8, 10, 12, 13, 14, 17, 19mm
- Ratcheting mechanism needs only 5° of sweep to move a fastener

Part Number: K030003



**KINCROME**  
PROFESSIONAL QUALITY TOOLS

### Reverse Gear Spanner Set

- 14 Piece
- Metric and imperial
- Forged from Chrome Vanadium Steel
- Offset at 45°
- Increased Torque capacity
- Thinner head for hard to reach fasteners
- For heavy duty application

Part Number: K3014





# HAND TOOLS



## Reverse Gear Spanner Set

- 15 piece
- Metric
- Forged from Chrome Vanadium Steel
- Offset at 45°
- Increased Torque capacity
- Thinner head for hard to reach fasteners
- For heavy duty application

Part Number: K3015



## Flex Lock Gear Spanner Set

- 7 Piece
- Metric: 8, 10, 12, 13, 14, 17, 19mm
- Flexible head can lock at the desired angle
- The locking mechanism ensures the head will not deflect from the required working angle
- Provides outstanding Torque bearing capacity while working in confined areas
- Ratcheting mechanism needs only 5° of sweep to move a fastener

Part Number: K030025



## 3 Piece Ratchet Spanner Set 12 Sizes in 3

4 sizes in each spanner. Dynamic drive profile. Double ended, double sided.

Part Number	Description	Size
S4RM/3T	Ratchet Spanner Set	8-19mm



## GEARED WRENCH - COMBINATION



## GearWrench® Ratcheting Combination Wrench

All metal construction. Lifetime warranty. Fine ratcheting arc will turn a fastener with only 5° of sweep.

Part Number	Size	Part Number	Size
9105	5.5mm	9008	1/4"
9106	6mm	9010	5/16"
9107	7mm	9011	11/32"
9108	8mm	9012	3/8"
9109	9mm	9014	7/16"
9110	10mm	9016	1/2"
9111	11mm	9018	9/16"
9112	12mm	9020	5/8"
9113	13mm	9022	11/16"
9114	14mm	9024	3/4"
9115	15mm	9026	13/16"
9116	16mm	9028	7/8"
9117	17mm	9030	15/16"
9118	18mm	9032	1"
9119	19mm	9034	1-1/16"
9120	20mm	9036	1-1/8"
9121	21mm	9038	1-1/4"
9122	22mm	9060	1-5/16"



## GearWrench® Ratcheting Combination Wrench cont.

Part Number	Size	Part Number	Size
9124	24mm	9062	1-3/8"
9125	25mm	9040	1-7/16"
9127	27mm	9042	1-1/2"
9130	30mm	9044	1-9/16"
9132	32mm	9046	1-5/8"
9134	34mm	9048	1-11/16"
9136	36mm	9050	1-3/4"
9141	41mm	9052	1-13/16"
9146	46mm	9054	1-7/8"
9150	50mm	9056	2"

## GEARED WRENCH - FLEX HEAD



## GearWrench® Flex-Head

Features a 180° degree pivoting head to provide greater access to difficult to reach fasteners.

Part Number	Size	Part Number	Size
9908	8mm	9705	5/16"
9909	9mm	9704	11/32"
9910	10mm	9706	3/8"
9911	11mm	9707	7/16"
9912	12mm	9708	1/2"
9913	13mm	9709	9/16"
9914	14mm	9710	5/8"
9915	15mm	9711	11/16"
9916	16mm	9712	3/4"
9917	17mm	9713	13/16"
9918	18mm	9714	7/8"
9919	19mm	9715	15/16"
9921	21mm	9716	1"
9922	22mm		
9924	24mm		

## GEARED WRENCH - OFFSET



## GearWrench® Offset Reversible

15° offset with easy change recessed reversing lever for maximum clearance

Part Number	Size	Part Number	Size
9608	8mm	9525	5/16"
9609	9mm	9521	11/32"
9610	10mm	9526	3/8"
9611	11mm	9527	7/16"
9612	12mm	9528	1/2"
9613	13mm	9529	9/16"
9614	14mm	9530	5/8"
9615	15mm	9531	11/16"
9616	16mm	9532	3/4"
9617	17mm	9534	13/16"
9618	18mm	9538	7/8"
9619	19mm	9539	15/16"
9621	21mm	9540	1"
9622	22mm		
9624	24mm		
9625	25mm		



## GEARED WRENCH - SET



### Combination GearWrench® Set



Part Number	Size
9417	7 Piece Metric Set - 8, 10, 12, 13, 14, 15, 18mm
9412	12 Piece Metric Set - 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
9416	16 Piece Metric Set - 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24mm
9317	7 Piece SAE Set - 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4"
9312	13 Piece SAE Set - 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1"



### Flex-Head GearWrench® Set



Part Number	Size
9900	7 Piece Metric Set - 10, 12, 13, 14, 15, 17, 19mm
9901	12 Piece Metric Set - 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
9902	16 Piece Metric Set - 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 25mm
9700	7 Piece SAE Set - 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"
9702	13 Piece SAE Set - 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1"



### Double Box GearWrench® Set



Part Number	Size
9260	6 Piece Metric Set - 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 18, 17 x 19mm
9240	4 Piece Imperial Set - 5/16 x 3/8, 7/16 x 1/2, 9/16 x 5/8, 11/16 x 3/4

Individual sizes also available



### Offset Reversible GearWrench® Sets



Part Number	Size
9543	8 Piece Metric Set - 8, 10, 12, 13, 14, 15, 17, 19mm
9620	12 Piece Metric Set - 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
9602	16 Piece Metric Set - 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 25mm
9533	8 Piece SAE Set - 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"
9509	13 Piece SAE Set - 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1"



### Stubby Combination GearWrench® Set



Part No.	Size
9520	10 Piece Metric Set - 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
9507	7 Piece Imperial Set - 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"

Individual sizes also available



### Quad Box GearWrench®

Four sizes on the one wrench, each with its own reversing lever



Part Number	Size
85211	8, 10, 12, 13mm
85212	16, 17, 18, 19mm
85201	5/16, 3/8, 7/16, 1/2"
85202	9/16, 5/8, 11/16, 3/4"



# HAND TOOLS



## Geared Wrench Set - Metric 10 Piece

10 Metric Wrenches - Reversible  
10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm  
Part Number: 22202



## Geared Wrench Set - AF 7 Piece

7 AF Wrenches - Reversible  
3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"  
Part Number: 22402



## HACKSAW FRAMES



## Hacksaw Frame - Heavy Duty 300mm 12"

- Quick change blade mechanism
- Traditional style with an adjustable chrome plated frame
- Frame has 2 sets of spigots which allows for straight or 45 degree cutting
- Supplied with blade
- Bonus Kincrome utility knife

Part Number: 400



## 212 Pro-Arc Aluminium Hack Saw

Rugged professional saw with a lightweight aluminium frame and comfort rubberized hand grips fore and aft for better control and power. The high strength bow is designed to resist twisting. Accepts 12" blade either at 45° or 90° cut angles.

Part Number: 20238



## Ergo Hacksaw Frame

Ergonomically designed with very high blade tension for straight, accurate and exact kerfs. Centred blade for correct balance and spring tensioned.

Part Number	Description	Size
325	Ergo Hacksaw Frame	300mm



## Hi-Viz Hacksaw Frame

Strong yet light steel frame that is covered with a protective dual component plastic. Comfortable, non-slip handle and front grip ensures a secure grip. Tensioning mechanism is integrated into the handle so no obstructions.

Part Number	Description	Size
319	Hi-Viz Hacksaw Frame	300mm



## Professional Hacksaw Frame

Frames are at least twice as rigid as conventional tubular frames. Chrome plated, rectangular section steel with die cast aluminium handle and front grip.

Part Number	Description	Size
225-S	Professional Hacksaw Frame	300mm



## Hacksaw - Pro Plus - Soft Grip 400mm

- Strong lightweight Italian made frame
- Comfort soft grip handle
- Fast blade tensioning up to 85kgs
- Fitted with premium plus 30 bi-metal 24t blade

Product Code: EC-70-22TR



## Hacksaw - Square Frame - Soft Grip 400mm

- Square box section frame for increased rigidity
- Comfort soft grip handle
- Blade tensioning knob on handle
- Adjustable blade angle 55° and 90°

Product Code: EC-422

Also available in Fluorescent Orange

Product Code: EC-424



## FatMax® High Tension Hacksaw

Length: 305mm.  
One piece durable body for prolonged life, allowing for extra high tension.  
Part Number: 20.531



## Stanley® Box Hacksaw

Length: 305mm. Aluminium handle with rubber grip for greater grip for greater comfort and control.  
Part Number: 15.166



## Mini Hacksaw

Length: 254mm. Ergonomic grip with thumb rest for maximum comfort.  
Part Number: 20.807





**STANLEY**


### Junior Hacksaw

Length: 350mm. General purpose, lightweight hacksaw for cutting nails and bolts. Good for modelling.

Part Number: 20.405

**Starrett**

### Hacksaw Frame No. 145

- Heavy duty high tension frame
- Ergonomic design
- Easy blade tension action



Part Number	Description
145	Heavy Duty High Tension Frame



### Professional Hacksaw - Soft Grip

- Heavy duty high tension frame
- Ergonomic design
- Easy blade tension action

Part Number	Description
419947	Professional Hacksaw - Soft Grip

**GROZ**


### Handyman Hacksaw

- An adjustable hacksaw frame with outstanding design and superior quality
- A perfect combination of rigidity and balance
- The saw is adjustable for 250 – 300mm blades, the blade cuts at 90° angle and can also be set at 45°

Part Number	Length	Height	Depth of Bow
30010	430mm	130mm	106mm

## HAMMERS - BALL PEIN

**Plumb**


### Fibreglass Handle Ball Pein Hammers

- Rust resistant, forged black head
- Fibreglass handle with PermaBond cushion grips
- Polished poles and peins

Material No.	Description
11426	450gm/16oz
11428	680gm/24oz
T11429	910gm/32oz

**Plumb**


### Hickory Handle Ball Pein Hammers

- Polished poles and peins
- Ground black head

Material No.	Description
11496	225gm/8oz
11497	340gm/12oz
11499	566gm/20oz
T11520	680gm/24oz

**Plumb**


### Hickory Handle Ball Pein Hammers

- Polished poles and peins
- Ground Black head

Material No.	Description
11521	910gm/32oz
11522	1132gm/40oz

**KC TOOLS**  
PROFESSIONAL


### Ball Pein Hammers

Part Number	Description		
14090	Ball Pein Hammer	225g	300mm
14091	Ball Pein Hammer	350g	300mm
14092	Ball Pein Hammer	450g	350mm
14093	Ball Pein Hammer	650g	400mm
14094	Ball Pein Hammer	900g	400mm
14095	Ball Pein Hammer	1300g	410mm

**KC TOOLS**  
PROFESSIONAL


### Ball Pein Hammers

Part Number	Description		
15010	Ball Pein Hammer	450g	310mm
15011	Ball Pein Hammer	650g	340mm
15012	Ball Pein Hammer	900g	360mm
15013	Ball Pein Hammer	1300g	400mm

**KINCROME**  
PROFESSIONAL QUALITY TOOLS


### Ball Pein Hickory Shaft Hammer - 24oz

- Forged from high carbon steel, hardened and tempered
- Precision ground, polished head with chamfered edges
- American straight grained hickory handle with rubber end cap and twin handle wedges

Part Number: K090007



# HAND TOOLS



## Hammers - Ball Pein

- High quality hickory timber handle
- Heat treated fully polished head
- Ideal for shaping metal and light engineering work

Product Code	Size	Product Code	Size
SJ-BPH8	8oz	SJ-BPH24	24oz
SJ-BPH12	12oz	SJ-BPH32	32oz
SJ-BPH16	16oz		



## Wooden Shaft Ball Pein Hammers

High-carbon, steel forged head, hardened and tempered. Clear lacquered wooden hickory handle. Polished face and pein. Meets ANSI standards.

Part Number	Overall Length	Weight
54.004	275mm	4oz/110g
54.189	311mm	8oz/230g
54.190	345mm	12oz/340g
54.191	355mm	16oz/450g
54.192	381mm	24oz/680g
54.193	405mm	32oz/910g



## Ball Pein Hammers

- Used in metal work for striking punches and chisels, and riveting work with ball end
  - Head forged from tough high tensile steel with hardened and tempered faces
  - Thick cored fibreglass handle for extra strength with a non-slip oil resistant rubberised coating
  - This product must be maintained in accordance with AS3797:1991
  - Head correctly heat treated to best suit product application
- \* Warning wear safety goggles user and bystander

Part Number	Description	Weight
5HBPFRHO.675	24oz	0.97kg
5HBPFRHO.9	32oz	1.17kg
5HBPFRH1.135	40oz	1.45kg
5HBPFRH1.360	48oz	1.68kg



## HAMMERS - CLAW

### Plumb

#### Premium Hickory Curve Claw Hammer

- High lustre, full polished
- Octagon-shaped pole
- Quality, red hickory handle
- Permabond construction between head and handle
- Factory balanced
- 566gm/20oz

Material No. 11435



### Plumb



#### Hammer Fibreglass 20oz Pro Series Curved

- Plumb Permabond® bonding for superior head to handle strength
- Unique bevelled claw edges for superior nail gripping in all positions
- Ridges moulded into the handle to improve gripping force
- Oversized Striking Area for improved efficiency and accuracy in striking
- Co-moulded grip with pliable outer material for improved comfort
- Contoured handle end for improved grip and less slip during striking
- 566gm/20oz

Material No. 11400N



SS20C



SS20CN

### Plumb

#### Hammer Solid Steel Curved Claw

- Patent pending anti-vibration feature, absorbs shock and minimises muscle fatigue
- 1 piece forged solid steel
- Co-moulded hatchet style handle for increased comfort and control
- High-lustre, full polished finish

Material No.	Description
SS20C	560gm/20oz
SS20CN	560gm/20oz with Magnetic Nail Starter

## HAMMERS - BRICK

### Plumb

#### Brick Hammers Solid Steel Cushion Grip

- Anti-vibration feature absorbs shock and minimises muscle fatigue
- Co-moulded contoured handle for increased comfort and control

Material No.	Description
SS20BHN	567gm/20oz
SS24BHN	680gm/24oz



#### Claw Hammer Hickory Shaft - 20oz

- Forged from high carbon steel, hardened and tempered
- Precision ground, polished head with chamfered edges
- Grained American straight grooved hickory handle
- Rubber end cap reduces slippage from the hand and provides greater end of swing control
- Length: 345mm

Part Number: K9101







### Claw Hammer - Leather Handle - 20oz

- Fully polished, forged one-piece solid steel construction to eliminate loose heads
- Laminated handle, washers pressed on handle and riveted
- Double lacquered finish on grip
- Carbon steel
- Genuine leather grip provides comfort and durability

Part Number: K9033



### Hammers - Claw

- Patented anti-vibration system grip handle
- Heat treated for optimum safety and durability
- Solid, one piece head for maximum strength
- Riveted grip for extra safety
- Soft-feel ergonomic grip for user comfort

Product Code	Size
SJ-AVCLAW20	20oz



### Hammers - Claw

- Deluxe contoured soft grip handle
- High quality fibreglass shaft
- Solid one piece heat treated fully polished head

Product Code	Size	Product Code	Size
EG-FCEK/20	20oz	EG-FCEK/24	24oz



### FatMax® Xtreme™ AntiVibe™ Claw Hammer

Overall length: 343mm, weight: 20oz/567g. Patented torsion control grip technology reduces the effects of torque on wrists and elbows. Technology minimizes vibration and shock at impact. Magnetic Nail Start feature for extended reach and one-handed nailing capability.

Part Number: 51.164



### FatMax® AntiVibe™ Claw Hammer

Overall length: 360mm. Weight: 24oz/680g. 1 piece double forged steel head and handle. Ergonomic handle for multiple grip positions. Rubber grip moulded directly onto shaft.

Part Number: 51.952



### Fibreglass Shaft Claw Hammers

Overall length: 335mm. Weight: 20oz/570g. Fully polished drop forged carbon steel head, hardened and tempered for maximum strength.

Part Number: 51.072



### Wooden Shaft Claw Hammers

Overall length: 325mm. Weight: 20oz/570g. Hardwood handle. Head fixed to shaft with black epoxy glue. Fully polished head. Curved, sharpened claw pulls nails easily.

Part Number: 51.534



### Claw Hammer

- Used for general woodworking applications, accurately ground claw for superior nail extraction
  - Head forged from tough high tensile steel with hardened and tempered faces
  - Thick cored fibreglass handle for extra strength with a non-slip oil resistant rubberised coating
  - This product must be maintained in accordance with AS3797:1991
  - Head correctly heat treated to best suit product application
- \* Warning wear safety goggles user and bystander

Part Number	Description	Weight
5HCLFRH0.575	20oz. Claw Hammer	0.95kg
5HCLFRH0.675	24oz. Claw Hammer	1.01kg

## HAMMERS - CLUB



### Fibreglass Handle Club Hammer

- Club Hammer (also known as stoning hammer)
- Fibreglass shaft
- Comfortable rubber grip
- 1360gm/48oz

Material No. PCH3



### Club Hammers

- Fibre glass handle with rubber grip

Part Number	Description			
15020	Club Hammer	3lb	1350g	210mm
15022	Club Hammer	4lb	1800g	230mm



### Club Hammer

- Forged from high carbon steel, hardened and tempered
- Precision ground, polished head with chamfered edges
- American straight grained hickory handle with rubber end cap and twin handle wedges

Part Number: K090009



# HAND TOOLS



## Hammers - Club

- Patented anti-vibration system grip handle
- Heat treated for optimum safety and durability
- Solid, one piece head for maximum strength
- Riveted soft-feel ergonomic grip for extra safety

Product Code	Size	Product Code	Size
SJ-AVCLUB40	2.5lb	SJ-AVCLUB64	4lb



## Hammers - Club

- Heat treated carbon steel head
- Heavy duty fibreglass shaft
- Soft feel comfort grip

Product Code	Size	Product Code	Size
SJ-CH2FG	2lb	SJ-CH4FG	4lb
SJ-CH3FG	3lb		



## Club Hammer

1.5kg. Graphite shaft. Rubber handle

Part Number: 27436



## FatMax® AntiVibe™ Club Hammer

Head length: 103mm. Weight: 3lbs/1.4kg. Made for striking wood, metal, concrete or stone. Forged, 1 piece steel construction. Rim temper reduces incidences of chipping or spalling. Ergonomic handle with rubber grip.

Part Number: 56.001



## Jacketed Fibreglass Club Hammer

Head length: 114mm. Weight: 3lbs/1.4kg. Forged steel head – hardened and tempered machine- finished faces. Yellow jacketed fibreglass handle provides greater visibility, strength and durability. Compact design.

Part Number: 56.705



## Club Hammer

- Great all-round club hammer for general striking applications
- Head forged from tough high tensile steel with hardened and tempered faces
- Thick cored fibreglass handle for extra strength with a non-slip oil resistant rubberised coating
- This product must be maintained in accordance with AS3797:1991
- Head correctly heat treated to best suit product application

\* Warning wear safety goggles user and bystander

Part Number	Description	Weight
5HCMFRH1.35	3lb. Club Hammer	1.65kg



## HAMMERS - COPPER



## Soft Face Hammers

- Copper and rawhide faced hammer
- Malleable iron head fitted with one Rawhide and one Copper cylindrical face, combine to provide the weight for the blow and the face protect damage to most items being struck
- Ideal where a heavy blow is required combined with a relatively small striking area
- Faces are designed to wear and can be replaced
- Used as a multi purpose soft faced hammer in engineering and automotive for assembly, repair and maintenance

Product Code	Size
TH208	Size A 7/8lb / 25mm Fc
TH210	Size 1 1 1/2lb / 32mm Fc
TH212	Size 2 2 1/2lb / 38mm Fc
TH214	Size 3 3 1/2lb / 44mm Fc



## Copper Hammers Wooden Handled

- Non-marking soft faced hammer used in non-sparking environments or to avoid damage to struck objects
- Forged from pure electrolytic copper - contains no oxygen so unlike cast will not chip or break
- Gives a dead blow - doesn't bounce
- Fitted with tough Australian spotted gum hardwood handle
- This product must be maintained in accordance with AS3797:1991
- Correctly heat treated to best suit product application

\* Warning wear safety goggles user and bystander

Part Number	Description	Weight
5HCH01	1lb Copper Hammer c/w Wooden Handle	0.50kg
5HCH02	2lb Copper Hammer c/w Wooden Handle	1.14kg
5HCH03	3lb Copper Hammer c/w Wooden Handle	1.68kg
5HCH04	4lb Copper Hammer c/w Wooden Handle	2.13kg

## HAMMERS - CROSS PEIN



## Hammers - Cross Pein

- High quality hickory timber handle
- Heat treated fully polished head
- Ideal for light joinery and cabinet work



Product Code	Size	Product Code	Size
SJ-CPH8	8oz	SJ-CPH12	12oz
SJ-CPH10	10oz	SJ-CPH14	14oz



## Warrington Hammers (Cross Pein)

Joiner's hammer, for all lighter woodwork, assembly and general use.

Part Number	Overall Length	Weight
54.070	280mm	6oz/175g
54.000	280mm	8oz/225g
54.001	300mm	10oz/280g





## HAMMERS - DEAD BLOW



### Dead Blow Hammer - 40mm

- Lightweight aluminium die cast handle and head
- Reinforced head
- Head: nylon filled with shot

Part Number: K9024



### Hammers - Dead Blow Nylon

- Powder coated aluminium alloy
- Shot filled heads to reduce bounce back
- Replaceable tips available (nylon)
- Available in 2 sizes
- Made in Australia

Product Code	Size	Product Code	Size
HU-777	40mm/700g	HU-778	60mm/1600g



### Compo-Cast® Standard Head Dead Blow Hammers

Non-sparking soft face hammer of Uni-Cast™ construction has no exposed metal. Soft faces do not mar surfaces/equipment. Do not absorb liquids. Dead blow function uses steel shot.

Part Number	Overall Length	Weight	Head/Face
57.530	275mm	10oz/283g	79/30mm
57.531	286mm	18oz/510g	95/40mm
57.532	327mm	21oz/595g	103/45mm
57.533	362mm	42oz/1.19kg	117/53mm
57.534	387mm	52oz/1.47kg	136/63mm



### Compo-Cast® Sledge Model Dead Blow Hammers

Non-sparking soft face hammer of Uni-Cast™ construction has no exposed metal. Soft faces do not mar surfaces or equipment. Do not absorb liquids. Dead blow function uses steel shot. Steel reinforced handle provides added strength and safety, resists breaking on overstrike.

Part Number	Overall Length	Weight	Head/Face
57.550	498mm	5lb/2.27kg	178/63mm
57.551	659mm	8lb/3.63kg	181/66mm
57.552	762mm	10.5lb/4.76kg	210/76mm
57.554	914mm	11.5lb/5.21kg	226/86mm



## HAMMER - DOLLY



### Dolly

- Thin toe
- Flat dolly of metal thinned down at one end and with a curved surface
- Useful for getting into awkward and narrow corners

Part Number: 10322



## HAMMERS - DRILL



### Drill Hammer

- Used for mining and confined environments
- Also ideal for close work with enough head weight for effective hammering
- Head forged from tough high tensile steel with hardened and tempered faces
- Thick cored fibreglass handle for extra strength with a non-slip oil resistant rubberised coating
- This product must be maintained in accordance with AS3797:1991
- Head correctly heat treated to best suit product application

\* Warning wear safety goggles user and bystander



Part Number	Description	Weight
5HDFRH2.0	2kg Drill Hammer	2.25kg

## HAMMERS - NYLON



### Nylon Hammer with Plastic Handle

- Chrome plated zinc heads with screw in nylon faces
- Alternative faces, colour coded to distinguish hardness are also available
- Faces are designed to wear and are replaceable by hand
- Used, due to the easily interchangeable heads, as a multi purpose striking tool in most assembly application including engineering, furniture, shopfitting, partitioning, double glazing, injection moulding dies, etc.



Product Code	Description
TH708	1/2lb (Wooden Handle) 25mm Face
TH710	1lb (Plastic Handle) 32mm Face
TH712	1 1/2lb (Plastic Handle) 38mm Face
TH714	2lb (Plastic Handle) 44mm Face
TH716	2 3/4lb (Plastic Handle) 50mm Face



### Hammers - Soft Face Nylon

- Powder coated aluminium alloy
- Replacement tips available in: nylon, poly and copper
- Available in 3 sizes
- Made in Australia

Product Code	Size	Product Code	Size
HU-701/1N	25mm/250g	HU-701/2N	50mm/1150g
HU-701/1.5N	38mm/750g		



## HAMMER - PANEL BEATING



### Hammer

- Hickory handle
- 410g
- Bumping flat face

Part Number: 10306





# HAND TOOLS

## HAMMERS - SCAFFOLD



### Scaffold Hammer

- Dual-purpose tool used for scaffold assembly
- Forged from high tensile carbon manganese steel for strength
- Good balance and weight
- Forged, not turned tapered point ideal for aligning
- Will not break off next to head, as can happen with cast products
- Correctly heat treated to best suit product application

\* Warning wear safety goggles user and bystander

Part Number	Description	Weight
5HSC	Scaffold Hammer	0.83kg

## HAMMER - SLEDGE



### Sledge Hammer

- Full handle length steel core reinforces the hand and is covered with a tough polypropylene outer.
- As a safety feature, the head is double fixed to the handle using a combination of mechanical and chemical locking devices with a lifetime guarantee that the head will never leave the shaft

Product Code	Size kg
FLS3.6S	3.6
FLS4.5S	4.5
FLS6.3S	6.3



### Hammers - Sledge Timber Handle

- Drop forged carbon steel heads
- Hardened and tempered for durability
- Cylindrical wedges for added safety and stability
- High quality hickory shafts

Product Code	Size	Product Code	Size
SJ-4LBWH	4lb	SJ-10LBWH	10lb
SJ-7LBWH	7lb	SJ-14LBWH	14lb



### Hammers - Sledge Fibreglass Handle

- Drop forged carbon steel heads
- Hardened and tempered for durability
- Rubber shaft guards on larger models\*
- High quality fibreglass shafts with rubber moulded handles

Product Code	Size	Product Code	Size
SJ-4LBFG	4lb	SJ-10LBFG	10lb
SJ-7LBFG	7lb	SJ-14LBFG	14lb



### Sledge Hammers

#### - Fibreglass Rubber Grip Handled

- A well balanced versatile sledge hammer for the building and construction industry
- Forged from high tensile steel with hardened and tempered faces and a rubber grip fibreglass handle
- Head is pinned to handle as well as epoxied to prevent head coming off
- Thick handle with large sweep at base to prevent loss of grip
- Comfortable thick rubber grip for better protection from shock and vibration
- This product must be maintained in accordance with AS3797:1991
- Correctly heat treated to best suit product application

\* Warning wear safety goggles user and bystander

Part No.	Description	Weight
5HSFRH07	7lb Sledge Hammer c/w Pinned Fibreglass Rubber Grip Handle	0.04kg
5HSFRH10	10lb Sledge Hammer c/w Pinned Fibreglass Rubber Grip Handle	5.55kg
5HSFRH14	14lb Sledge Hammer c/w Pinned Fibreglass Rubber Grip Handle	7.59kg
5HSFRH28	28lb Sledge Hammer c/w Pinned Fibreglass Rubber Grip Handle	14.21kg
5HDFRH04400	4lb Demo Hammer c/w Pinned Fibreglass Rubber Grip Handle	2.23kg



### Sledge Hammers - Wooden Handled

- A well balanced versatile sledge hammer for the building and construction industry
  - Forged from tough high tensile carbon manganese steel
  - Hardened and tempered faces for increased product life
  - Head secured with wooden and metal wedges for added safety
  - Fitted with tough Australian spotted gum hardwood handle, oiled for long life and user comfort
  - Extra thick shoulder to prevent breakages from mis-hits
  - This product must be maintained in accordance with AS3797:1991
- \* Warning wear safety goggles user and bystander - avoid glancing blows. This tool can be made to chip if struck against another tool or other hard object, resulting in possible eye or other injury.

Part Number	Description	Weight
5HSH04	4lb Sledge Hammer c/w Wooden Handle	2.14kg
5HSH07	7lb Sledge Hammer c/w Wooden Handle	3.74kg
5HSH08	8lb Sledge Hammer c/w Wooden Handle	4.15kg
5HSH10	10lb Sledge Hammer c/w Wooden Handle	5.60kg
5HSH14	14lb Sledge Hammer c/w Wooden Handle	7.40kg

## HAMMER - SOFT BLOW



### Soft Blow Hammer

- 450g • 320mm
- Rubber and nylon tipped
- Steel shaft with rubber handle

Part Number: 15070



## HAMMER - SOFT FACE



### Soft Face Hammer - 25mm

- Nylon head (K9016), polythene/nylon head (K9017)
- Light weight aluminium die cast handle and head
- Replaceable heads

Part Number: K9016, K9017



## HAMMERS – UTILITY

**STANLEY**

**FuBar™** **FatMax™**  
Functional Utility Bar XTREME



### FatMax® Xtreme™ FuBar™ - Functional Utility Bar

Weight: 1.8kg/64oz. Forged from one piece of high carbon steel. Two-tiered jaw for grabbing common dimensional lumber and decking, tempered chisel blade for splitting and cutting building materials, large mouth striking face for maximum demolition effect, bevelled nail slot for pulling and prying nails, textured bi-material grip is over-moulded directly onto the bar for excellent comfort and control even when wet.

Part Number: 55.099

**STANLEY**

**FuBar™** **FatMax™**  
Functional Utility Bar



### FatMax® FuBar™ II Functional Utility Bar

Weight: 1kg/35oz. Easy to swing 1kg total weight. 22oz head weight – similar to a hammer. Serrated jaw for gripping timber, tapered nail slot for pulling nails. One piece forged steel. Textured cushion grip for comfort and control. Beveled chisel/prying end.

Part Number: 55.119

## HAMMERS - WELDING



### Welding Hammers

- Used for chipping off slag and spatter around welds
- Also used as geologist's or miner's tool
- Head forged from chrome alloy steel
- Excellent balance, with hardened ends that do not flatten when chipping
- Correctly heat treated to best suit product application
- \* Warning wear safety goggles user and bystander

Part Number	Description	Weight
5WHRG	Welding Hammer Alloy Head c/w Rubber Grip	0.52kg
5WHSP	Welding Hammer Alloy Head c/w Spring Grip	0.45kg

## HANDLES

**sabco**



### Aluminium Handle 1450mm x 25mm

- Aluminium handle universal thread.

Part Number	Description
SAB 76262	Blue
SAB 76261	Yellow
SAB 76264	Green
SAB 76260	Red
SAB 76263	White

**sabco**  
BULLDOZER



### Metal Handle Suits Brooms

Metal Handle with soft grip 25mm x 1400mm - no thread. Recommended handle for Bulldozer Brooms.

Part Number: SAB 57201

TRA600



TRSD670



TRMP900



### Handles

All handles are kiln dried, fine sanded and lacquered ensuring long life even in dry environments. Made to Australian Standards (AS1729-1994) Grade A.

Product Code	Description
TRA380	380mm Hardwood Hatchet Handle
TRA600	600mm Hardwood Axe Handle
TRA800	800mm Hardwood Axe Handle
TRBP300	300mm Hardwood Ball Pein Hammer Handle
TRBP450	400mm Hardwood Ball Pein Hammer Handle
TRB1350/22	22mm Diameter, 1350mm Hardwood Broom Handle
TRC250	250mm Hardwood Club Handle Handle
TRH1350	1350mm Hardwood Hoe Handle
TRMP900	900mm Hardwood Mattock/Pick Handle
TRR1350/25	25mm Diameter, 1350mm Hardwood Rake Handle
TRS750	750mm Hardwood Sledge Handle
TRSD670	670mm Hardwood Shovel/Fork Handle
TRSLB1300	Bent 1300mm Hardwood Shovel Handle
TRWS900	900mm Hardwood Wood Splitter Handle

## HANDLES - FILE



### File Handles

- Used to handle files and other suitable tools
- Pre-drilled wooden handle with metal collar
- Fits to handle by placing tang of file in the hole and tapping lightly on bench until tight
- Softwood timber will absorb sweat and oil when using
- Available in 75, 100, 125 and 150mm sizes as well as packs of 2
- \* Warning wear safety goggles user and bystander

Part Number	Size	Weight
5FH075	75mm	0.02kg
5FH100	100mm	0.03kg
5FH125	125mm	0.04kg
5FH150	150mm	0.05kg



# HAND TOOLS

## HEXAGON KEYS



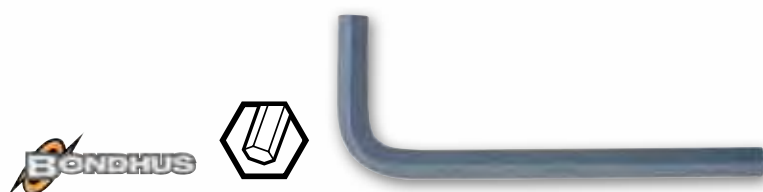
### Hex L-Wrench Singles - Tagged Imperial (Short)

- **Key sizes include:** 0.025", 0.035", 0.050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8" & 3/4"



### Hex L-Wrench Singles - Tagged Metric (Short)

- **Key sizes include:** 0.71mm, 0.89, 1.27, 1.5mm, 2mm, 2.5mm, 3mm, 3.5mm, 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 14mm, 17mm & 19mm



### Hex L-Wrench Singles Bulk - Imperial (Short)

- **Key sizes include:** 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16" & 3/8"

### Hex L-Wrench Singles Bulk - Metric (Short)

- **Key sizes include:** 1.27mm, 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm & 10mm

### Hex L-Wrench Singles - Tagged Imperial (Long)

- **Key sizes include:** 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4", 7/8" & 1"

### Hex L-Wrench Singles - Tagged Metric (Long)

- **Key sizes include:** 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 4.5mm, 5mm, 6mm, 8mm, 9mm, 10mm, 12mm, 14mm, 17mm & 19mm



### Balldriver® L-Wrench Singles - Tagged Imperial

- **Key sizes include:** 0.05", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8" & 3/4"

### Balldriver® L-Wrench Singles - Tagged Metric

- **Key sizes include:** 1.27mm, 1.5mm, 2mm, 2.5mm, 3mm, 3.5mm, 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 12mm, 14mm, 17mm & 19mm



### Hex T-Handle Singles - Imperial

- **Key sizes include:** 3/32", 7/64", 1/8", 9/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16" & 3/8"



### Hex T-Handle Singles - Metric

- **Key sizes include:** 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm & 10mm

## Crescent®

### Security Torx Set in Holder

- 8 piece security Torx key wrench set: T10, 15, 20, 25, 30, 40, 45, 50

Material No. CTKM8



## Crescent®

### T-Handle Ball Hex Key Sets

- Premium quality
- T-handle for improved leverage and grip



Material No.	Description
CHKT8	Metric - Key sizes: 2, 2.5, 3, 4, 5, 6, 8 and 10mm
CHKT81	Imperial - Key sizes: 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8"

## Crescent®

### Hex Key Wrench Sets

Material No.	Description
CHKLM8	8 Piece Long Ball Point Hex Key Wrench Set: 2, 2.5, 3, 4, 5, 6, 8, 10mm
CHKLI8	8 Piece Long Ball Point Hex Key Wrench Set: 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8"







### Folding Hex Key Wrench Sets

Material No.	Description
CHKM9	9 Piece Nylon Folding Hex Key Wrench Set: 1.5, 2, 2.5, 3, 3.5, 4, 5, 5.5, 6mm Red Case
CHKI9	9 Piece Nylon Folding Hex Key Wrench Set: 1/16, 5/64, 3/32, 7/64, 1/8, 5/32, 3/16, 7/32, 1/4 inch Blue Case



### Multi Handle Hex Key Sets

Material No.	Description
CHKM8	Hex key Set Multi Handle Metric 2mm - 10mm
CHKI8	Hex key Set Multi Handle Imperial 5/64" - 3/8"



### Bondhus® Products

- Bondhus® products have an international reputation for strength and quality, features well suited to professionals and quality conscious tools users
- Bondhus® is the only manufacturer in the industry to offer an unconditional lifetime warranty
- All Bondhus® products are made from unique Protanium™ steel making them stronger and able to withstand greater torque loads than competitor products



- Bondhus® uses ProGuard dry surface technology to prevent corrosion - no other rust solution compares!



### Gorillagrip® Fold-Up Sets

- Flip-and-turn feature eliminates need to reposition tool on screw head

Part Number	Description	Pieces
12585	Model Number: HF5 - Imperial 3/16"-3/8"	5
12589	Model Number: HF9 - Imperial 5/64" - 1/4"	9
12591	Model Number: HF9S - Imperial 0.050-3/16"	9
12587	Model Number: HF7M - Metric 2-8mm	7
12592	Model Number: HF7MS - Metric 1.5-6mm	7
12595	Model Number: HF6M - Metric 3-10mm	6
12550	Model Number: HF12 - Imperial / Metric 1.5-5mm	12



### Gorillagrip® Hex Key Multi Pack

- Double pack containing 12587 7-piece hex fold-up set (metric) & 12589 9-piece hex fold-up set (imperial)

Part Number	Description	Pieces
12522	Model Number: HF16 2-8mm, 5/64"-1/4"	2



### Gorillagrip® Balldriver® Sets

Part Number	Description	Pieces
12894	Model Number: BF5 - Imperial 3/16-3/8	5
12897	Model Number: BF5M - Metric 5-10mm	5



### Gorillagrip® Star Key Sets (Torx®)

Part Number	Description	Pieces
12632	Model Number: TF8S T6-T25	8
12634	Model Number: TF8 T9-T40	8



### Gorillagrip® Tamper Resistant Star Sets

Part Number	Description	Pieces
12636	Tamper Resistant Star Set T7-T25	7
12638	Tamper Resistant Star Set T9-T40	8



### Hex L-Wrench Sets with Tool Holder (Imperial)

- 12237, 12245 — short arm holder sets
- 12132, 12136, 12137 — long arm holder sets
- 00008 — wallet set

Part Number	Description	Pieces
12237	Model Number: HLX13S 0.050-3/8"	13
12245	Model Number: HLX7S 5/64"-3/16"	7
12132	Model Number: HLX8 0.050-5/16	8
12136	Model Number: HLX12 0.050-3/8"	12
12137	Model Number: HLX13 0.050-3/8"	13
00008	-- 1/16", 3/8" Wallet	10



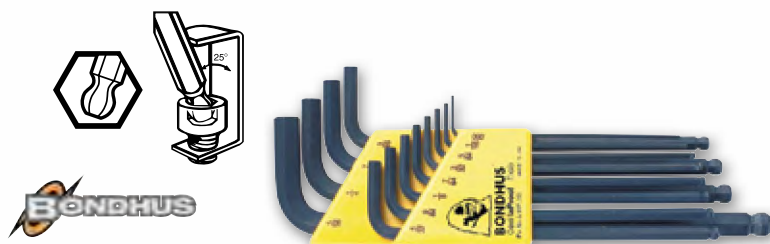
# HAND TOOLS



## Hex L-Wrench Sets with Tool Holder (Metric)

- 12299, 12246 — short arm holder sets
- 12199 — long arm holder set
- 00009 — wallet set

Part Number	Description	Pieces
12299	Model Number: HLX9MS 1.5-10mm	9
12246	Model Number: HLX6MS 1.5-5mm	6
12199	Model Number: HLX9M 1.5-10mm	9
00009	-- 1.3mm-10mm Wallet	10



## Balldriver L-Wrench Sets

- Allows easy insertion and removal of a fastener from up to 25° angle
- Ideal for mechanics and general purpose

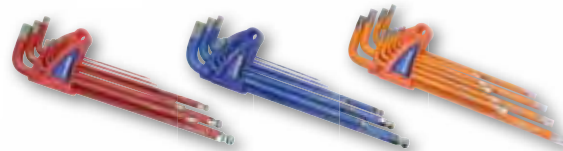
Part Number	Description	Pieces
10936	Model Number: BLX12 - Imperial 0.050-5/32"	12
10937	Model Number: BLX13 - Imperial 0.050-3/8"	13
10938	Model Number: BLX10 - Imperial 1/16"-1/4"	10
10945	Model Number: BLX7 - Imperial 1/16"-3/16"	7
10946	Model Number: BLX6M - Metric 1.5-5mm	6
10995	Model Number: BLX15M - Metric 1.3-10mm	15
10992	Model Number: BLX7M - Metric 1.5-6mm	7
10999	Model Number: BLX9M - Metric 1.5-10mm	9
16599	Stubby Set - Metric 1.5-10mm	9



## Hex T-Handle Sets

- Cushion grips ideally sized for comfortable use and to protect against breakage
- Blades deliver 20% more torque than competitor products
- Items 13332 & 13387 sets in vinyl wallet
- Items 13390 & 13389 sets with stand

Part Number	Description	Pieces
13390	Model Number: HTX10/S 3/32", 3/8"	10
13332	Model Number: HTX80 3/32", 1/4"	8
13389	Model Number: HTX80M/S 2-10mm	8
13387	Model Number: HTX80M 2-10mm	8



## Ball Point Hex Key Set & Tamperproof TORX® Set

- 9 piece long series - Imperial (K5042), Metric (K5043), Tamperproof (K5044)
- Cr-Mo steel, hardened, chrome plated and powder coated (polished and chamfered)

Part Number: K5042 (red), K5043 (blue), K5044 (orange)



## Hex Key Wrench Set - 30 Piece

- Manufactured from 6150 chrome vanadium steel, hardened, tempered and chemically blackened
- Long arm is good for working in confined spaces and varies in length from 65mm on the 0.7mm/0.028 through to 170mm on the 10mm 3/8" size

Part Number: HKW30



## Hex Key Ball Point Sets

- Long style with ball points for speed and ease of entry

Part No.	Size	Description
HKM	2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm	Metric
HKAF	3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8"	AF



## AF Hex Keys in Wallet

- 10 short keys - AF
- Sizes: 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 1/4

Product Code: EK10110



## Metric Hex Keys in Wallet

- 10 short keys - Metric
- Sizes: 1.3, 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm

Product Code: EK10510



## 9 Piece Hex Key Set

- Metric sizes: 1.5-10mm
- Made in USA

Product Code: EK10609



## 9 Piece Hex Key Set - Ball Type

- Ball type
- Metric sizes: 1.5-10mm
- Made in USA

Product Code: EK13609





### 13 Piece Hex Key Set

- AF sizes: 0.050-3/8"
- Made in USA

Product Code: EK10213



### 13 Piece Hex Key Set - Ball Type

- Ball type
- AF sizes: 0.050-3/8"
- Made in USA

Product Code: EK13213



### Combination AF/Metric Hex Set

- 13 long keys AF 0.050-3/8AF
- 9 long keys Metric 1.5-10mm

Product Code: EK10222



### Combination AF/Metric Hex Set - Ball Type

- Ball type
- 13 long keys AF 0.050-3/8AF
- 9 long keys Metric 1.5-10mm

Product Code: EK13222



### 9 Piece Long Arm Ball Point Hex Key Set - Metric

9 Metric Long Arm Ball Point Hex Keys: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm

Part Number: 29530



### 9 Piece Long Arm Ball Point Hex Key Set - AF

9 AF Long Arm Ball Point Hex Keys: 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"

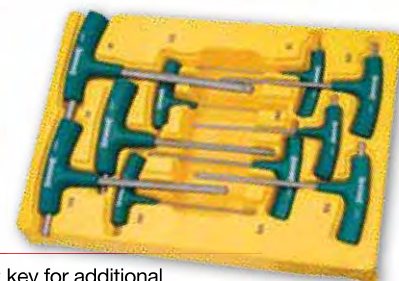
Part Number: 29540



### 8 Piece T Handle Hex Key Set - Metric

2, 2.5, 3, 4, 5, 6, 8, 10mm. 1 piece hex key for additional strength and durability. Ergonomic T handle design. Long ball point driver.

Part Number: 29550



### 10 Piece T Handle Hex Key Set - AF

3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8". 1 piece hex key for additional strength and durability. Ergonomic T handle design.

Part Number: 29560

## HOOKS & PICKS



### Dominator Heavy Duty Hook & Picks

- Hook and removal tool ideal for use in multiple automotive and engineering applications
- Ensures easy removal of 'O' rings, cotter pins, seals, bushes, washers, nuts, springs etc. from tight areas
- Move wires and hoses in the engine area
- Scratch Awl can be used for aligning small holes, marking/scribing or as a sharp punch

Part No.	Description	Part No.	Description
42000	Scratch Awl	42002	Curved Hook
42001	90° Hook	42003	Complex Hook
60000	4 Piece Dominator Hook & Pick Set includes all above		

## HOOK & SCRAPER SET



### Hook & Scraper Set

- Useful trade quality set. Two sizes of scraper for scraping jobs in the open or in relatively confined spaces
- Ideal for 'glued on' radiator hoses 'jammed in' seals and vacuum tubing or material stuck in grooves

Part Number: 301008



# HAND TOOLS

## KNIVES

**FAMOUS  
TOLEDO**  
EXCELLENCE BY DESIGN

### Knives

- High quality knives

Part Number	Description	Blade
<b>BMK3B</b>	Bootmakers Knife	100mm carbon steel
<b>SK4</b>	Stock Knife with Leather Pouch	75mm stainless steel



## LEVEL - AUTOMATIC

**imex**

### Imex LAR 28/32

Optical Level

- 28 x mag auto level
- +/-2mm accuracy per 1km double run
- 360° graduation
- All metal housing
- Hard carry case



Part Number	Description
<b>012-ILAR28</b>	LAR 28 Auto Level 28 Magnification
<b>012-ILAR32</b>	LAR 32 Auto Level 32 Magnification

## LEVELS - ACCESSORIES

**Lufkin**

### Lufkin Laser Tilt Plate

- Precision tilt plate with micrometer
- Turns most laser levels into gradient levels
- Coarse graduations in 5° and fine adjustment down to 1/10 of 1°

Material No. LLTP1



**Lufkin**

### Survey Rod

- 4 metre, 4 section

Material No. SR4MS4



**Lufkin**

### Tripods - Quickclamp

Material No.	Description
<b>TRIDH</b>	Dome Head 5/8" Thread
<b>TRIFH</b>	Flat Head 5/8" Thread



**imex**

### Digital Levels - Digi-Pas

Part Number	Description	Product Code
<b>002-DWL80G</b>	<ul style="list-style-type: none"> <li>• 100mm Digital Level</li> <li>• Magnetic Base</li> <li>• Measure in % or °</li> </ul>	DWL80G
<b>002-DWL200</b>	<ul style="list-style-type: none"> <li>• 200mm Digital Level</li> <li>• Magnetic Base</li> <li>• Measure in % or °</li> </ul>	DWL200
<b>002-DWL130</b>	<ul style="list-style-type: none"> <li>• Clip-on level for all Spirit levels</li> <li>• Adjustable width</li> <li>• Measure in % or °</li> </ul>	DWL130
<b>002-DWL1000</b>	<ul style="list-style-type: none"> <li>• Corner Post Level</li> <li>• Measure in % or °</li> <li>• Measure x and y axis</li> </ul>	DWL1000



## LEVELS - ELECTRONIC



**STABILA**

### Levels Electronic/Digital Box Section - Trade

- Displays read in °, %, mm/m, in/ft and decimals
- Illuminated LCD displays on top and side edges IP65
- At 0° and 90° display reads in 0.05° increments
- Dust and Water protection IP65
- Permanently fixed vials for lasting accuracy

Part Number	Description	Size
<b>17705</b>	2 Vial - Plus Bag	400mm
<b>196-2EL IP65</b>	3 Vial - Plus Bag except 183cm	610-1830mm
<b>17677</b>	Rare Earth Magnet - 2 Vial Plus Bag	610mm
<b>80AELECTRONIC30</b>	1 Vial	300mm



## LEVELS - INCLINOMETER

**Lufkin®**

### Magnetic Level

- Inclinator plus, aluminium level, both with magnets
- Box section profile, gold anodized finish on level and inclinometer
- Unbreakable acrylic block vials
- Accurate, variable set square
- Strong magnets for metal work

Material No.	Description
<b>NAM50</b>	Inclinometer (NAM13) On Magnetic Level - 50cm
<b>NAM13</b>	Inclinometer to fit into Magnetic Level - 13cm x 13cm

## LEVELS - LASER

**Lufkin®**

### Cross Line Laser Level Kit

- Wide beam angle for maximum coverage
- High intensity, high visibility laser lines - cross line, horizontal and vertical line
- Auto levelling with out-of-level warning
- Cross line laser level kit with tripod, batteries, hard shell carry case

**Material No. LCL3**



**Lufkin®**

### Multi-Line Laser Level

- Cross line and plumb spot beam
- Suitable for indoor and outdoor applications
- Wide beam angle for maximum coverage
- High intensity, high visibility laser line
- Auto levelling with out-of-level warning
- Multi line laser level, with bracket, square, padded carry case

**Material No. LCL4**

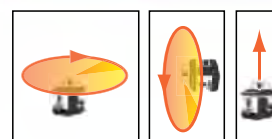


**Lufkin®**

### Dual Beam Rotary Laser & Detector

- Manual levelling in both horizontal and vertical modes
- Variable speed 360° rotation, 0 to 150rpm
- Plumb beam up for vertical alignment projects
- DC adaptor input and low battery level indicator
- Two scan modes (short and long) to create a visible laser line (indoor applications)
- Dual beam rotary laser, detector, DC adaptor and padded carry case

**Material No. LR502**



**Lufkin®**

### Self Levelling Rotary Laser And Detector

- For all horizontal and vertical alignment work
- General surveying
- Levels for slab preparation
- Determining water drainage
- Site preparation
- Indoor and outdoor tiling and carpentry applications
- Self levelling rotary laser and detector (range 200m) with wall mount, rechargeable batteries, charger and carry case

**Material No. LSL160**

**Lufkin®**

### Self Levelling Rotary Laser Kit (With Gradient)

- Recommended for all civil and construction engineering applications
- Gradient work up to 5° (or greater when used with optional tilt plate LLTP1)
- Self levelling rotary laser with remote, detector, DC adaptor, rechargeable batteries and carry case

**Material No. LSL250**



**Lufkin®**

### Dual Axis Rotary Laser Level Kit

- Suitable for all civil and construction engineering applications
- Digital gradient setting allows deviation from the horizontal plane to be set digitally in X and Y axis
- Automatic horizontal alignment is achieved by electronic positioning motors, controlled by temperature-stable sensors
- Dual axis rotary laser level kit with laser, detector, remote magnetic scope, bracket, DC adaptor, rechargeable batteries, charger and carry case

**Material No. LDAL310S**



**Bee Line™**  
STRAIGHT TO THE POINT™

Beeline rotating lasers are leading the pack with accuracy, technology, and innovation. Very quick set up, auto levelling, heavy duty casing, water proof (IP 64), made for our harsh and demanding Australian conditions.

**Bee Line™**  
STRAIGHT TO THE POINT™

### KUBE<sup>3</sup> Red Rotating Laser Level

Self levelling: Servo motors  
Accuracy: +/- 1.5mm at 30m  
Operating range: 400m radius with receiver

Performs horizontal and vertical beam, manual gradients X & Y axis up to 7°, scan mode with 5 options.

Kit includes: Heavy duty carry case, receiver and bracket, safety glasses and back up battery pack

**Part Number: 73 450**





# HAND TOOLS



## KUBE<sup>3</sup> Green Rotating Laser Level

Self levelling: Servo motors  
Accuracy: +/- 1.5mm at 30m  
Operating range: 400m radius with receiver

Performs horizontal and vertical beam, manual gradients X & Y axis up to 7°, scan mode with 5 options.

Kit includes: Heavy duty carry case, receiver and bracket, safety glasses and battery back up pack

**Part Number: 73 460**



## Line Laser

- Easy handling: self-levelling up to 4° within 4 seconds
- Large working range: precise work in a diameter of up to 80m using LR2 Professional receiver.
- Simultaneous performance of horizontal and vertical levelling applications in the entire room with only one tool.
- Higher accuracy than manual or semi-automatic rotation lasers

**Product Code: GLL 2-80 P**



## Rangefinder Laser

- Modern laser technology for precise measurement up to 70 metres.
- Measures up to ten times faster using wall area, minimum and maximum functions.
- Tool fits into any shirt pocket.
- User-friendly operation thanks to self-explanatory buttons and a concise display

**Product Code: DLE 70**



## Point Laser

- Light weight, only 250g and highly compact size.
- One button control with a pendulum lock (when off)
- For precise transfer of right angles and reference points from the floor to ceiling.
- Self-levelling 5 point horizontal and plumb laser for indoor work

**Product Code: GPL 5**



## Laser Levels

- A variety of self levelling and construction lasers suitable for inside and outside use with horizontal, vertical and plumb functions
- Rotating lasers with dot and scan line function as well as lasers with vertical and horizontal fixed lines
- Various working ranges up to 500m

Part No.	Description
17704	LAPR150 Laser Combipack
17203	LAR250 Laser Combipack
17283	LAX200 Set



## Imex LP-5 - Dot Laser

5 dot set-out laser

- Self levelling
- Unique multi-function magnetic base
- Self calibration
- One button function
- +/-2mm accuracy @ 10m
- Heavy duty housing

**Part Number: 012-I0LP5**



## Imex LX22/LX22D

Indoor/Outdoor line laser

- 1 vertical, 1 horizontal line on swivel base
- Locking pendulum
- Self-levelling
- 10m indoors
- +/- 1 mm accuracy @ 5m
- To 50m outdoor with detector - LX22D model
- Includes target plate, laser glasses

Part Number	Description
012-LX22	Crossliner
012-LX22D	Crossliner with detector



## Imex LX33 - 3 Line Laser

- 2 vertical lines @ 90°, 1 horizontal
- Magnetic self-levelling
- 10-15m range
- +/-2mm accuracy @ 10m
- Includes target plate, laser glasses

**Part Number: 012-LX33**



## Imex 66R

Rotating Laser

- Self-Levelling
- 400m diameter range
- Manual dual grade slope to 5°
- Rechargeable or standard batteries
- 2.8mm accuracy @ 30m
- Remote control unit and receiver
- Hard carry case
- 2 year warranty

**Part Number: 012-I066R**





## Imex 77R

Rotating laser

- Self levelling
- 500m diameter range
- Single manual grade slope to 5°
- Rechargeable batteries
- 2.2mm accuracy @ 30m
- Remote control and receiver
- Hard carry case
- 2yr warranty

Part Number: 012-I077R



## Imex 88R/88G

88R Red Beam Rotating laser

88G Green Beam

- Self levelling
- 500m diameter range
- Horizontal/vertical
- Dual manual grade to 5°
- Rechargeable batteries
- se2.2mm accuracy @ 30m
- Remote control and receiver
- Hard carry case
- 2 year warranty



Part Number	Description
012-I088R	Red Beam Rotating Laser
012-I088G	Green Beam

## LEVELS - LINE



### High Visibility Plastic Line Level

Length: 76mm/1vial. High visibility plastic line level is accurate with 360° vial.

Part Number: 42.193

## LEVELS - SPIRIT



### Pro Series Spirit Levels - 3 Vial, Box Ribbed

Material No.	Description
L60V60	60cm - Level
L60V80	80cm - Level
L60V120S	120cm with orange carry case
L60V200	200cm - Level



### Levels Box Section

- Extruded aluminium box section construction with two or three vials
- Permanently fixed vials for lasting accuracy
- Suitable for normal measuring

Part Number	Description	Size
70T	Torpedo	215mm
70TMW	Magnetic Angle Measuring	260mm
70W	Angle Measuring	600mm
70	Standard	400-1200mm



### Levels Box Section - Trade

- Extruded ribbed aluminium box section construction with three vials
- Removable non slip end caps for level end use
- Permanently fixed vials for lasting accuracy
- Suitable for normal and upside down measuring
- Milled measuring edges for improved accuracy
- Powerful rare earth magnets have 5 times more pull than ferrite magnets

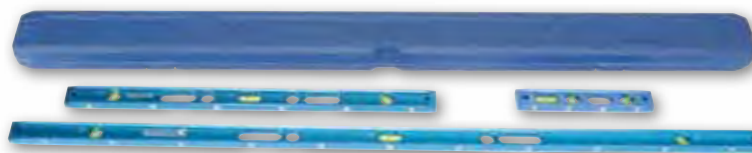
Part Number	Description	Size
96-2	Ribbed Trade - 3 Vial	400-2440mm
96-2M	Ribbed Trade - 3 Vial Rare Earth Magnet	600-2000mm



### Levels Box Section - Trade

- Extruded ribbed aluminium box section construction with two or three vials
- Permanently fixed vials for lasting accuracy
- Suitable for normal and upside down measuring
- Powerful rare earth magnets have 5 times more pull than ferrite magnets

Part No.	Description	Size
80A	Box Frame Trade - 2 Vial	400-1200mm
80A-2	Box Frame Trade - 3 Vial	800-1200mm
80AM	Box Frame Trade - 2 Vial Rare Earth Magnet	600 & 1200mm



### Slimline Level Set - 3 Piece

- One piece extruded air craft aluminium • CNC milled for accuracy
- 6 rare earth neodymium magnets for phenomenal holding power
- Extra large 'v' groove for pipes, conduit
- Indelible laser etching - Metric and Imperial scales
- Water and shock proof • Includes protective blow mould case, 230mm Torpedo Level, 600mm and 1200mm levels

Part Number: K11084



# HAND TOOLS

**STANLEY**

**FatMax<sup>®</sup> XTREME**



## FatMax<sup>®</sup> Xtreme™ Box Levels

Durable box beam construction is up to 5x stronger than other Stanley® levels. Solid block acrylic vials provide best in class accuracy of 0.0005in/in. 2x stronger rare earth magnets with bi-material hand grips screwed to the frame. Lifetime Accuracy Warranty!

Part Number	Description	Size
43.624	FatMax <sup>®</sup> Xtreme™ Box Level	600mm
43.636	FatMax <sup>®</sup> Xtreme™ Box Level	900mm
43.648B	FatMax <sup>®</sup> Xtreme™ Level <b>Bonus Carry Bag</b>	1200mm
43.649	FatMax <sup>®</sup> Xtreme™ Box Level <b>Magnetic</b>	1200mm
43.672	FatMax <sup>®</sup> Xtreme™ Box Level	1800mm
43.679	FatMax <sup>®</sup> Xtreme™ Box Level	2000mm

**STANLEY**

**FatMax<sup>®</sup> XTREME**



## FatMax<sup>®</sup> Xtreme™ Torpedo Level

Length: 300mm. Die cast aluminium body for maximum durability. Innovative pipe groove - can be used on rounded surfaces. Superior holding power - rare earth magnets - 2x as strong as basic magnets. Lifetime Accuracy Warranty!

Part Number: 43.609

**STANLEY**



## Shock Resistant Lighted Magnetic Torpedo Level

Length: 230mm/3 vials. Heavy-duty aluminium frame. Open top read vial for maximum readability. Rubber end caps for shock absorption.

Part Number: 43.512

## LEVELS - THEODOLITE

**imex**

### Horizon Theodolites

- ET1005 Electronic
- 30 x mag
- 5" accuracy
- 45mm aperture
- RS-232c Data transfer
- Double sided display
- Rechargeable batteries
- Hard carry case



Part Number	Description
012-ETSB05N HLT-05	ET1005
012-ETLNBG0	ET1005 with laser beam pointer

## LEVELS - TORPEDO

**RIDGID**

### 395 9" Magnetic Torpedo Level

Ideal for working in tight places. Features 3 rear earth magnets for superior holding power, day-glo frames surround 3 acrylic vials (plumb, level and 45° miter) for enhanced visibility in dark areas and top read windows.

Part Number: 20233



### Levels Box Section

- Extra strong diecast frame construction with two or three vials
- Permanently fixed vials for lasting accuracy
- Suitable for normal and upside down measuring

Part No.	Description	Size
81S	2 Vial with Holster*	250*-600mm
81SM	Magnetic 2 vial with Holster	250mm
81SREM	Rare Earth Magnet 2 Vial	250mm
81SVREMW	360 'V' Grooved Base with a Large Rare Earth Magnet, a 360° Rotating Vial and a 6 ring Horizontal Vial for finding 1% and 2% Gradients	250mm

## LEVELS - WATER

**imex**

### Imex Water Level Indicator

- Rainwater tank level indicator
- Easy D.I.Y fitting
- Fits all tank types to 3m high
- Large easy read dial

Part Number: 007-WLIO1



## MAGNETIC TRAY

**FAMOUS TOLEDO**  
EXCELLENCE BY DESIGN

### Magnetic Stainless Steel Tray

- With strong in-built magnet
- Attach to hoist, scissor lift, steel workbench or metal surfaces
- Stow small parts, nuts, bolts and screws neatly and securely



Part Number	Description	Size	Depth	Magnets
301006	Round	150mm dia.	38mm	1 x 80mm

## MAGNETS

**ECLIPSE MAGNETICS**

### Power Magnets

- Very powerful (up to 60kg maximum pull) range of magnets
- Mounting hole included
- Made from Alcomax
- Can be used up to 550°C
- Available in various sizes



Product Code	Size
EC-811	30x20mm
EC-812	40x25mm
EC-813	45x30mm





### Button Magnets

- Maximum operating temperature of 550°C
- Mounting hole included
- Made from Alnico
- Available in various sizes

Product Code	Size	Product Code	Size
EC-E821	12.5mm	EC-E823	25.4mm
EC-E822	19.1mm	EC-E824	31.8mm



### Shallow Pot Magnets

- Maximum operating temperature of 550°C
- Threaded mounting holes included
- Shallow pots are ideal for intimate contact applications
- Made from Alcomax III, mild steel body

Product Code	Size	Product Code	Size
EC-826	19.1mm	EC-828	38.1mm
EC-827	28.6mm		



### Deep Pot Magnets

- Maximum operating temperature of 220°C
- Central tapped screw thread
- Made from Alcomax III, mild steel body, aluminium spacer
- Available in various sizes

Product Code	Size	Product Code	Size
EC-830	12.7mm	EC-832	20.5mm
EC-831	17.5mm	EC-833	27mm



## MAGNIFIER - BINOCULAR

GENERAL

### General Binocular Magnifier

- Leaves hands free to work.
- Ground and polished optical lenses.
- Eliminate eye strain.
- Magnification: 2.25
- Focal Length: 200mm.

Part Number: GEN950-5



## MEASURING - DISTANCE



### Imex Bullseye 50

Laser Measurer

- 50 range indoors, and short range outdoors
- +/-2mm accuracy
- Measure area, volume or indirect (Pythagoras)
- Silica-gel protector
- Carry case
- Illuminated display
- Side control button

Part Number: 008-10BE50



## MEASURING - LASER

### Lufkin®

#### Laser Distance Measurer

- Laser distance measurer with integrated spirit level
- Indoor and outdoor applications
- Virtually any dry measuring application where an object can be measured to between 0.3m and 40m from unit
- The Lufkin Laser Range-Master 40 Laser Distance Measurer provides point precise measuring and allows exact measurement over great distances
- Highly visible laser spot

Material No. LLM40



#### Laser Distancers

- All determine area, distance, volume, tracking and Pythagoras calculations
- Some feature min/max tracking, a timer, segmented and perimeter measuring, trapezoidal, triangular and angle measurements



Part No.	Description	Distance
LD300	Laser Distancer	30m
LD400	Laser Distancer	40m
LD500	Laser Distancer - with Zoom Camera & Colour Display	200m

## MEASURING - POLE



### Telefix Measure Pole

- Telescopic aluminium sections
- 2, 3, 4, 5, 6, 7, 8, 10m options
- Most accurate method for measuring door and window openings
- Also vehicle height measuring arm option
- Carry bag
- Easy to read display

Part Number	Description	Part Number	Description
001-68052	2m	001-68055	5m
001-68053	3m	001-68056	6m
001-68054	4m		

## MEASURING - TANK DIPPING TAPES



### Tank Dips - Richter

- Stainless steel carbon or fibreglass tape
- 10, 15, 20, 25, 30, 50m
- Aluminium or brass frames
- Option to IPM standard
- Widest range available



Part Number	Description
007-414ES20	20m aluminium frame carbon steel dip tape
007-414MS20	20m brass frame carbon steel dip tape
007-464ES20	20m aluminium stainless steel dip tape



### Bore Dip Tape - Richter

Measure the water level in bores or shafts

- Light or buzzer activated when water is hit
- Metric graduations
- Strong metal case
- 50, 75, 100, 200m

Part Number: 007-26/100





# HAND TOOLS

## MEASURING - TAPES

**Lufkin®**

### Fluorolok Tapes

- 90° right angle case
- Sure toggle lock button and over centre lock-shoe
- Extended tape mouth - white blade, Hi-Viz case
- Yellow blade graduated in mm on both edges
- Bright coloured case that stands out in the tool box

Material No.	Description
FL35SI12	5m x 19mm
FL38ME12	8m/26' x 19mm
FL38SI12	8m x 19mm
FL48ME10	8m/26' x 25mm
100192	8m x 25mm (FL48SI10)

**Lufkin®**

### Ultimate Tapes

- High impact resistant fluoro case
- Easy to read white blade with red and black markings
- Reinforced end hook
- Removable belt clip
- Built in shock absorbing bumper
- Manufactured in Australia to comply with Australian Standards AS 1290-4-1995

Material No.	Description
UW138ME12	8m/26' x 19mm
UW138SI12	8m x 19mm
UW148ME10	8m/26' x 25mm
UW148SI10	8m x 25mm

**Lufkin®**

### Ezy-Read Tape

- Ezy-Read tape line makes it difficult to misread measurements
- World leading print technology gives even greater accuracy
- Perfect for applications when tapeline is directly away from the operator, such as vertical measurements or measuring long objects
- Left or right handed compatible

Material No.	Description
ELW148VSI	8m x 25mm (Carded)
ELW148SI10	8m x 25mm (Bulk Pack)

**Lufkin®**

### Multiread Tapes

- Has centre scale that includes the tape case, for inside measuring
- Left or right handed tape using separate outer scales
- Scales are synchronised on one face of the tapeline
- Fits precisely between work edges

Material No.	Description
MR46M10	6m x 25mm
MR49M10	9m x 25mm

**Lufkin®**

### XL Power Tapes

- High impact resistant, bright orange case
- White blade graduated in mm on both edges, red markings every 100mm
- Built in shock absorbing bumper
- Removable belt clip
- Manufactured in Australia to comply with Australian Standards AS 1290-4-1995

Material No.	Description
XL410M8	10m x 25mm
XL410ME8	10m/33' x 25mm

**Lufkin®**

### Big Boss Tape Measure

- Big Boss heavy duty wide blade tape measure
- Bright Hi-Viz orange and black colour tape case fits firmly in the hand
- Tape blade 8m x 30mm metric only
- Dura blade (nylon) coated blade
- Heavy duty 4 rivet end hook

Material No. LBB830

**Lufkin®**

### Autolock Tape

- Non-slip co-moulded rubber grip
- Tough Hi-Viz® Orange ABS plastic body
- Perfect for layout work and any other situations where a yardstick style tape measure is preferred
- Retraction is easier to control than on tapes with a standard slide button lock
- Tape Measure AutoLock 8m x 25mm

Material No. AL825M

**imex™**

### Diameter Tapes - Richter

- German made
- Measure diameter and circumference
- Choice of steel or fibreglass ribbon
- 2m, 3m, 5m, 10m, 20m
- Widest available range

Part Number	Description
005-385D5	5m Steel
005-385D10	10m Steel
005-275D10	10m Fibreglass

**KINCROME**

### Tape Measure - 8M Metric

- Belt clip
- High impact ABS body
- Nylon coated blade
- 90° corner for internal measurements

Part Number: K11018





## Sterling

### Professional Tape Measure

- 8 Metre x 25mm professional grade
- 4 rivet gripper end hook
- Double nylon coated matte finish blade
- Fully incremented millimetre metric markings
- Metric/Imperial available

Product Code: TBC8025



## Sterling

### 8m & 8m/27ft ISG Tape Measures

- Sturdy rubber grip tape measure for all trade applications
- 25mm wide White Blade is easy to read under lights
- Strong 3 rivet end hook maintains true zero

Product Code: 846ISG Metric only / 846I ISG Metric/Imperial



### 8m Stainless Steel Tape Measure

Rust proof, washable with all parts in stainless steel. Automatic blade locking. Impact absorbing rubber for better grip and greater comfort. Magnetic tip for ceiling measurement and magnetic pick up. Double sided blade.



Part Number	Description	Size
MTS-8-25	Stainless Steel Tape Measure	8m



### "The Beast" FatMax® Xtreme™ Tapes

32mm wide blade for easy readability with 4m blade stand-out - longest in the industry. Blade FX® high visibility Blade Armor™ coating on first 150mm. Blade coated with Mylar\* polyester film. Highly polished chrome case moulded with soft grip rubber.

\*Mylar is a registered Trademark of DuPont Teijin Films



Part Number	Description	Size
33.893	"The Beast" FatMax® Xtreme™ Tape	8m/26'
33.894	"The Beast" FatMax® Xtreme™ Tape	8m



### FatMax® Tapes

Blade Armor™ on first 150mm. 32mm wide blade (25% wider), 3.3m of stand-out.

\*Mylar is a registered Trademark of DuPont Teijin Films



Part Number	Description	Size
33.731	FatMax® Tape	8m/26'
33.732	FatMax® Tape	8m
33.832	FatMax® Tape	10m/33'
33.829	FatMax® Tape	10m

## STANLEY

### Max® Tapes

28mm blade width, Stanley® patented 2.7m Blade Standout. Air Grip™ Slide Lock brake. Soft Touch for comfort, grip and greater resistance to breaking when dropped.

\*Mylar is a registered Trademark of DuPont Teijin Films



Part Number	Description	Length	Width
33.963	Max® Tape	8m/26'	28mm
33.966	Max® Tape	8m	28mm

## STANLEY

### Bi-Metal Tape Rules

Tylon coating Bi-material case for improved grip. True zero, 3 rivet end hook.

\*Mylar is a registered Trademark of DuPont Teijin Films



Part Number	Description	Length	Width
30.394	Yellow Tape Bi-material	8m/26'	25mm
30.393	Yellow Tape Bi-material	8m	25mm



## Starrett

### Tape Measures

- Heavy duty blades are constructed of tempered, high carbon steel
- Self adjusting end hook with tough tip blade protector
- Blade return brake built into the impact-resistant case with shock absorbing bumper
- Durable handy belt clip
- V-Series includes magnetic hook and rubber grip case

Part Number	Description	Width	Length
T1-8M8	T-Series in Yellow Case S8	25mm	8 metre
T1-8ME12	T-Series in Yellow Case S12	1in / 25mm	8m / 26ft
T34-5M8	T-Series in Yellow Case S8	19mm	5 metre
V1-8M8	V-Series Rubber Grip Case	25mm	8 metre

## MEASURING - TAPES - LONG



## Lufkin

### Fibreglass Tape

- 2 sided blade for clear and easy reading. Metric on one side, Imperial on the other
- Open four-arm frame design protects blade, does not trap dirt on case
- Lightweight but strong case is easy to handle and rewind

Material No.	Description
FM30CME	30m/100' x 13mm/1/2"
FM60CME	60m/200' x 13mm/1/2"
FM100CME	100m/300' x 13mm/1/2"



# HAND TOOLS

**Lufkin®**

## Universal Steel Tapes

- With Metric/English Blades
- High impact case; available in Hi-Viz® orange
- Yellow clad blade .005"/0.13mm thick easy-to-read black and red markings
- Easy wind nylon drum
- Hook ring is retained neatly in the contoured mouth of the case
- 2 sided end hook for use with either scale
- Removable belt clip



Material No.	Description
HYF30M	30m x 10mm
HYF30ME	30m/100' x 10mm

**Lufkin®**

## Speedwinder Steel Tapes

- With metric blades
- Impact resistant, attractive, self-standing case
- Heavy duty yellow clad blade protected by an abrasion resistant coating; 0.008"/2mm thick



Material No.	Description
HTY30MM	30m x 10mm
HYT50CM	50m x 10mm

**Eslon®**

## Fibreglass Measuring Tapes

- PVC coated fibreglass tapes in enclosed high impact closed case



Product Code	Description	Product Code	Description
ESM10MM	10m x 12mm	ESM30MM	30m x 12mm
ESM20MM	20m x 12mm		

**Eslon®**

## Fibreglass Rapid Reel Measuring Tapes

- PVC coated fibreglass tapes in enclosed high impact open case



Product Code	Description	Product Code	Description
ESHR30MM	30m x 12mm	ESHR100FM	30m (100ft) x 12mm
ESHR50MM	50m x 12mm		

**Sterling**

## Fat Blade Fibreglass Tape

- 30 Metre or 50 Metre industrial quality open reel
- 3x speed geared return
- Extra Wide 20mm nylon coated fibreglass blade
- Ideal for surveying, mining and building trades
- 30M and 50M lengths

Product Code: 30M XBA3020 and 50M XBA5020



## MEASURING WHEELS

**Lufkin®**

PRO SERIES



### Pro Series PSMW16M

- Allows you to measure as fast as you can walk
- Wheel is calibrated to counter – accurate for estimated measurements
- Compact and foldable measuring wheel, convenient for quick measurements
- Rubber moulded handle for comfortable measurements

Material No. PSMW16M



**Lufkin®**

PRO SERIES

### Pro Series PSMW32M 318mm Dia

- 5 digit counter measures 9999.9 metres without resetting
- Convenient reset triggers in both handle and counter
- Collapsible handle for storage
- Solid rubber tyre for improved traction and accuracy
- Large 318mm wheel diameter provides more accurate measurement on uneven terrain

Material No. PSMW32M



**imex™**

### Imex R1000 Wheel

- 10,000m range
- Trigger brake
- Fibreglass wheel
- Easy fold with carry handle
- Carry bag included

Part Number: 003 - 250410



## MECHANICS CREEPER

**KINCROME**

### Mechanics Creeper

- Heavy duty construction
- 25mm square tubular frame
- Vinyl padded base and headrest
- Heavy duty 100mm (4") wheels
- Powder coated finish
- 1020 x 510 x 165mm

Part Number: 08010





## MIRROR - INSPECTION

**KCTOOLS**  
SPECIALITY

### Telescopic Inspection Mirrors

Part Number	Description	Size
08306	Telescopic Inspection Mirror	54mm x 89mm
08300	Telescopic Inspection Mirror	32mm Diameter
08301	Telescopic Inspection Mirror	57mm Diameter

**Ullman**  
DESIGNING THE FUTURE

### Circular Telescopic Inspection Mirror

- Stainless steel telescoping handle is strong, long and lightweight.

Part No.	Description	Max. Length mm
HTC-2	57mm Mirror	924
HTC-2LT	57mm Mirror with LED Light	940
HTE-2	32mm Mirror	890
HTE-2LT	32mm Mirror with LED Light	902
HTS-2	83mm Mirror	750
HTS-2L	83mm Mirror Extra Long	1334
HTS-2LT	83mm Mirror with LED Light	768

**FAMOUS TOLEDO**  
EXCELLENCE BY DESIGN

### Inspection Mirror

- Telescoping body extends from a pocket size 184mm to 500mm
- 25mm x 50mm oval, swivel mirror head

Part Number: 301011

## MULTI-FUNCTION TOOL

**Crescent®**

### Pro Multi Tool (15 in 1)

- All stainless steel construction

Material No. TZ2V

**Crescent®**

### 14-In-1 Multi Tool

- Stainless Steel 14-in-1 multi tool blue anodized

Material No. CMT14

## NUT INSERT KIT

**Foscor®**  
Fastening Solutions for Life

### Riv Nutter

- Threaded Insert Setting tool is ideal for the DIY enthusiast and the tradesman.
- Places threaded inserts M4, M5, and M6. Presented in a robust easy carry pouch with selection of threaded inserts.
- Kit includes a set of nose pieces and attachments, a spanner, and threaded inserts

Product Code: FH20

## ORGANISER - TOOL

**STANLEY®**

### Professional Organiser

Virtually unbreakable lid made of high impact crystal clear polycarbonate. 25 compartments. 3 different sized movable compartments. Dimensions: 423x334x52mm

Part Number: 1.92.748

**STANLEY®**

### Professional Deep Organiser

Virtually unbreakable lid made of high impact crystal clear polycarbonate. 10 compartments. 3 different sized movable compartments. Dimensions: 423x334x105mm

Part Number: 1.92.749

**STANLEY®**

### 199 Organiser

See-through lid. 26 Compartments. Movable dividers allow customisation. "Seal tight" compartment latch keeps heavy components in place. Dimensions: 457x327x79mm

Part Number: 1.92.762

NOTE: Tools not included.



# HAND TOOLS



## Plastic Organiser - Small

- Manufactured from PP recyclable
- Individual compartments for bits and pieces of all kinds
- Features 21 dividers
- W: 378mm D: 290mm H: 61mm

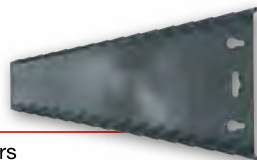
Part Number: 07033



## Spanner Rack Organiser

- Suitable for open end, ring or combination spanners

Part Number	Description	Height
301108	15 Piece	300mm



## PICK-UP TOOL - MAGNETIC



HT-2



HTLP-1



HTLP-2



## Hi-Tec Magnetic Pick-up Tool

- Super strength High Tec Magnetic Pick-Up Tool with PowerCap.
- The PowerCap shields the sides of the magnet from attaching to unwanted surfaces, and increases lifting capacity by 45%.

Part No.	Description	Max. Length mm
HT-1	Lifts 900g	845
HT-2	Lifts 2.2kg	845
HT-3	Lifts 4.5kg	769
HTLP-1	With LED Light and Rotating Head - Lifts 3.6kg	705
HTLP-2	With LED Light and Power Cap - Lifts 3.6kg	832



## Pen Light LED

Part No.	Feature
PLP-2	With Telescopic Magnetic Pick-up Tool



## Magnetic Pick Up Tool

- Extends from 125mm and 635mm
- Magnet capable of picking up 2.5kgs
- Stainless steel body with pocket clasp

Part Number: 301019

## PLANES - BENCH



### Bailey® Bench Planes

Grey cast iron base with side and bottom precision ground. Hardened, tempered, and precision ground tool steel cutter. Solid brass cutter adjustment knob for accuracy and durability. Quick release cam-lock.



Part Number	Description	Size
12.004	Smoothing #4	50 x 245mm
12.045	Smoothing #4-1/2	60 x 260mm
12.005	Jack #5	50 x 350mm
12.006	Fore #6	60 x 450mm
12.007	Jointer #7	60 x 560mm



### Bench Plane (Handyman #4)

Length: 50x245mm. Fully adjustable cutter for depth of cut and alignment. Quick release cam-lock for easy blade removal. Contoured polymer handles and knobs.

Part Number: 12.204



### Rebate Bench Plane (RB10)

Length: 50x260mm. Supplied with 6 easy to change replaceable blades. Fully adjustable for depth of cut and alignment. For stock removal, smoothing and rebating wood.

Part Number: 12.100



## PLANE - SPOKESHAVE



### Spokeshave

Fully adjustable for depth of cut and alignment. 12.151 - flat for convex shapes. 12.152 - round for concave shapes.



Part Number	Description
12.151	55mm (Straight)
12.152	55mm (Curved)

## PLIERS - 1000V



### Universal, Diagonal Long Nose Pliers

- 1000V insulated grips
- Precise jaw gap for wire work
- Cross hatch jaws for positive grip
- Serrated pipe grip (3800 model)

Material No.	Description
3800CHV	Universal Pliers 200mm/8"
5428HV	Diagonal Cutter 200mm/8"
6547HV	Long Nose Pliers 180mm/7"



IRWIN  
**WISE-GRIP®**



### Insulated Lineman's Pliers

- Jaw Gap - For stripping and twisting without damaging the copper threads/wire
- Cross Hatched Jaws - For maximum gripping strength
- Nickel Chromium Steel - With induction hardened cutting edges that stay sharper longer
- Crimping Tool - Suitable to crimp wire terminals and non-insulated connectors
- 1000V Insulated Handle - With triple layer protection for greater safety
- ProTouch Grips - Moulded handles for comfort and less hand fatigue

Part Number	Description	Size
10507529NA	Insulated Lineman's Pliers	215mm

IRWIN  
**WISE-GRIP®**



### Insulated Combination Pliers

- Triple layer handle
- Strong gripping teeth
- Induction hardened cutting edge stays sharper longer
- Slim profile nose
- Nickel Chromium Steel
- 1000V insulated red and yellow handles denote international colour of safety
- Large handle shoulders prevent contact with the non-insulated area of the plier

Part Number	Description	Size
10505873NA	Insulated Combination Pliers	170mm

IRWIN  
**WISE-GRIP®**



### Insulated Long Nose Pliers

- Triple layer handle
- Strong gripping teeth
- Induction hardened cutting edge stays sharper longer
- Slim profile long nose gets into tight spaces
- Nickel Chromium Steel
- 1000V insulated red and yellow handles denote international colour of safety
- Large handle shoulders prevent contact with the non-insulated area of the plier

Part Number	Description	Size
10505868NA	Insulated Long Nose Pliers	150mm
10505869NA	Insulated Long Nose Pliers	200mm

IRWIN  
**WISE-GRIP®**



### Insulated Bent Nose Pliers

- Triple layer handle
- Strong gripping teeth
- Induction hardened cutting edge stays sharper longer
- Slim profile bent nose to reach tight spaces and around obstructions
- Nickel Chromium Steel
- 1000V insulated red and yellow handles denote international colour of safety
- Large handle shoulders prevent contact with the non-insulated area of the plier

Part Number	Description	Size
10505870NA	Insulated Bent Nose Pliers	200mm

IRWIN  
**WISE-GRIP®**



### Insulated Diagonal Cutting Pliers

- Triple layer handle
- Induction hardened cutting edge stays sharper longer
- Nickel Chromium Steel
- 1000V insulated red and yellow handles denote international colour of safety
- Large handle shoulders prevent contact with the non-insulated area of the plier

Part Number	Description	Size
10505866NA	Insulated Diagonal Cutting Pliers	170mm
10505867NA	Insulated Diagonal Cutting Pliers	200mm

IRWIN  
**WISE-GRIP®**



### Insulated Wire Stripping Pliers

- Triple layer handle
- Nickel Chromium Steel
- 1000V insulated red and yellow handles denote international colour of safety
- Large handle shoulders prevent contact with the non-insulated area of the plier

Part Number	Description	Size
10505871NA	Insulated Wire Stripping Pliers	200mm

## PLIER - CIRCLIP



### Hi-Tech Pliers Circlip

- Pliers Circlip Internal and External Quick Switch with replaceable tips.
- Convert between internal and external with a quick flip of a switch.
- Complete with 5 pairs of interchangeable tips.
- Made in the USA

Part No.	Description
HT1421	Internal 7mm - 26mm, External 3mm - 26mm
HT1434	Internal 10mm - 51mm, External 7mm - 51mm
HT75	Internal 46mm - 102mm, External 32mm - 102mm



# HAND TOOLS



## 2 Piece Internal/ External Replaceable Tip Retaining Ring Pliers Kit

Services Retaining Ring Sizes: Internal: 7mm - 51mm (1/4 - 2") External: 3mm - 51mm (1/8 - 2"). Replaces 10 or more of any single competitor's limited-use pliers, Patent pending. Made in U.S.A.

Part Number: 28350



44 11 J2



44 21 J21



## Internal Circlip Pliers (Bore holes)

- For fitting internal circlips in bore holes from 8-140mm dia.
- Solid style, forged, non-slip, solid tips

Part Number	Head	Handles	Size of Bore Ø	Length
44 11 J0	Polished	Plastic Coated	8-13 mm	140mm
44 11 J1	Polished	Plastic Coated	12-25 mm	140mm
44 11 J2	Polished	Plastic Coated	19-60 mm	180mm
44 11 J3	Polished	Plastic Coated	40-100 mm	225mm
44 11 J4	Polished	Plastic Coated	85-140 mm	320mm
44 21 J01	40° Polished	Plastic Coated	8-13 mm	130mm
44 21 J11	90° Polished	Plastic Coated	12-25 mm	130mm
44 21 J21	90° Polished	Plastic Coated	19-60 mm	170mm
44 21 J31	90° Polished	Plastic Coated	40-100 mm	215mm
44 21 J41	90° Polished	Plastic Coated	85-140 mm	300mm



46 11 A2



46 21 A21



## External Circlip Pliers (Shafts)

- For fitting external circlips on shafts from 3-140mm dia.
- Solid style, forged, non-slip, solid tips

Part Number	Head	Handles	Size of Shaft Ø	Length
46 11 A0	Polished	Plastic Coated	3-10 mm	140mm
46 11 A1	Polished	Plastic Coated	10-25 mm	140mm
46 11 A2	Polished	Plastic Coated	19-60 mm	180mm
46 11 A3	Polished	Plastic Coated	40-100 mm	225mm
46 11 A4	Polished	Plastic Coated	85-140 mm	320mm
46 21 A01	90° Polished	Plastic Coated	3-10 mm	125mm
46 21 A11	90° Polished	Plastic Coated	10-25 mm	125mm
46 21 A21	90° Polished	Plastic Coated	19-60 mm	170mm
46 21 A31	90° Polished	Plastic Coated	40-100 mm	200mm
46 21 A41	90° Polished	Plastic Coated	85-140 mm	300mm

## PLIER - COMBINATION



## Combination Pliers

- Light insulation
- Cutting edge hardness - 58HRC UP
- CR-V



Part Number	Description	Length
17350	Combination Pliers	150mm
17351	Combination Pliers	180mm
17352	Combination Pliers	200mm



## Combination Pliers

- High carbon steel and tungsten high frequency treated
- Max jaw opening: 30mm
- Vinyl coated handle
- High leverage action
- Manufactured to DIN Standard
- Length: 200mm (8")

Part Number: K040037



## Combination Pliers - Moulded Ergonomic Grip

Part Number	Description	Length
28530	Combination Pliers Moulded Ergonomic Grip	165mm
28531	Combination Pliers Moulded Ergonomic Grip	185mm
28532	Combination Pliers Moulded Ergonomic Grip	205mm



## Combination Electricians' Plier

Features wire crimper, longer side cutters, slimmer jaw silhouette, cross-hatched inner jaw to prevent damaging wire, extra long handles. Length 208mm

Part Number: 28535



1000 V

## Combination Pliers

- With gripping zones for flat and round material, suitable for versatile use
- With induction hardened cutting edges for soft and hard wire



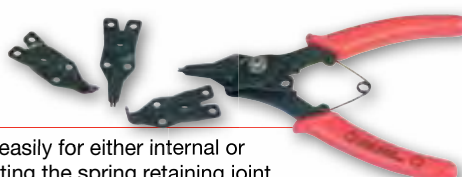
Part Number	Head	Handles	Length
03 01 140	Polished	Plastic Coated	140mm
03 01 160	Polished	Plastic Coated	160mm
03 01 180	Polished	Plastic Coated	180mm
03 01 200	Polished	Plastic Coated	200mm
03 01 250	Polished	Plastic Coated	250mm
03 06 160	Chrome Plated	Insulated	160mm
03 06 180	Chrome Plated	Insulated	180mm
03 06 200	Chrome Plated	Insulated	200mm

## PLIER - CIRCLIP - SET



## Circlip Plier Set

- Designed to exchange jaws easily for either internal or external use simply by adjusting the spring retaining joint



Part Number	Tip Angle	Tip Size
301141	Straight Tip	1.2mm
	Straight Tip	1.5mm
	90° Tip	1.5mm
	45° Tip	1.5mm



## PLIERS - DIAGONAL CUTTERS

**Crescent®**

PRO SERIES



### Diagonal, Heavy Duty Pliers

- PS5429C is heat treated chrome vanadium alloy steel construction
- 5427IV and 5428IV are made of forged alloy tool steel

Material No.	Description
PS5429C	Diagonal Pliers 229mm/9" - Compound Action
27135	Heavy Diagonal Cutting Cushion Grip 180mm/7"
542-8CV	Heavy Diagonal Cutting Cushion Grip 200mm/8"

**KC TOOLS**  
PROFESSIONAL



### Cutting Pliers

- Light insulation
- Cutting edge hardness - 58HRC UP
- CR-V

Part Number	Description	
17370	Diagonal Cutting Pliers	150mm
17371	Diagonal Cutting Pliers	180mm
17372	Diagonal Cutting Pliers	200mm

**KINCROME**



### Diagonal Cutting Pliers

- High carbon steel and tungsten high frequency treated
- Max jaw opening: 28mm
- Vinyl coated handle
- Manufactured to DIN Standard
- Length: 200mm (8")

Part Number: K040029



**SIDCHROME®**

### Diagonal Cutting Pliers - Moulded Ergonomic Grip

Part Number	Description	Length
28510	Diagonal Cutting Pliers Moulded Ergonomic Grip	160mm
28511	Diagonal Cutting Pliers Moulded Ergonomic Grip	180mm
28512	Diagonal Cutting Pliers Moulded Ergonomic Grip	200mm

**IRWIN**  
**WISE-GRIP®**



### Diagonal Cutting Pliers

- Induction hardened cutting edge stays sharper longer
- ProTouch grips provide extra comfort for less hand fatigue

Part Number	Description	Size
2078306	Diagonal Cutting Pliers	150mm
2078307	Diagonal Cutting Pliers	170mm
2078308	Diagonal Cutting Pliers	200mm

**KNIPEX®**  
MADE IN GERMANY

1000 V



### High Leverage Diagonal Cutters

- Forged-on axle for heaviest duty suitable for all types of wire including piano
- High cutting performance with minimum effort

Part Number	Head	Handles	Length
74 01 140	Polished	Plastic Coated	140mm
74 01 160	Polished	Plastic Coated	160mm
74 01 180	Polished	Plastic Coated	180mm
74 01 200	Polished	Plastic Coated	200mm
74 01 250	Polished	Plastic Coated	250mm
74 06 160	Chrome plated	Insulated	160mm
74 06 180	Chrome plated	Insulated	180mm
74 06 200	Chrome plated	Insulated	200mm

## PLIERS - END NIPPER

**Crescent®**

ULTIMATE



### End Cutting Nippers

- Designed for heavy cutting
- Electronically induction hardened and hand-honed cutting edges
- Forged alloy tool steel
- Polished head
- Maximum leverage

Material No.	Description
72-7CV	Cushion Grip 180mm/7"
72-8CVN	Thin Grip 200mm/8"
72-8CV	Cushion Grip 200mm/8"
72-9CV	Cushion Grip 230mm/9"

**SIDCHROME®**



### End Nipper Pliers

Length 200mm. Protruding cutting edges for mild and hard wire (max 160kg/mm<sup>2</sup>). Offset pivot point delivers excellent leverage, making cutting easier. High frequency hardened cutting edges (60/62 HRC) for reliable, long life. Burnished, polished head and PVC grips.

Part Number: 28550

## PLIERS - FENCING



**Crescent®**

### Button Fence, Prong & Hammer Head

- Button - Flat nose with 3 wire cutters, pipe grips, teeth in extreme tip of nose
- Prong and Hammer - 2 staple grips in nose

Material No.	Description
100010VN	Button 254mm/10"
100012VN	Button 305mm/12"
10008VN	Button 200mm/8"
193610CVSMN	Prong/Hammer Thin Grip 254mm/10"



# HAND TOOLS

## PLIERS - LINESMANS

Crescent®



### Universal Cutting Pliers

- 3800CTV with Crimper
- 3800CTP with Crimper in Nylon Pouch

### Linesman Pro Series Pliers

- Heat treated chrome vanadium alloy steel construction
- Patented high-leverage design gives up to 60% power gain

Material No.	Description
3800CTV	200mm/8"
3800CTP	200mm/8" - with Pouch
PS20509C	229mm/9" - Compound Action

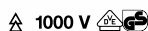
IRWIN  
VISE-GRIP®



### Lineman's Pliers

- Induction hardened cutting edge stays sharper longer
- Machined jaws for maximum gripping strength
- High Leverage ProTouch grips provide maximum force to jaws with minimal effort

Part Number	Description	Size
2078208	Lineman's Pliers	200mm



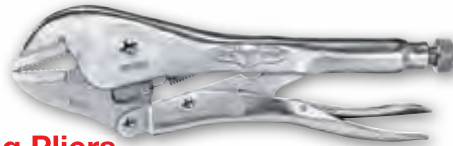
### Linesman Pliers

- Requires 40% less effort compared to conventional pliers
- Additional gripping zone for powerful leverage and pressing performance

Part Number	Head	Handles	Length
09 08 240	Polished	Insulated	240mm

## PLIERS - LOCKING

IRWIN  
VISE-GRIP®  
The Original  
SINCE 1924™

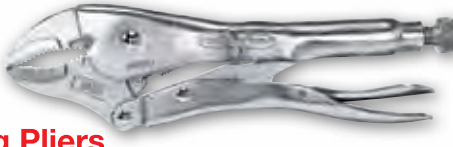


### Straight Jaw Locking Pliers

- Straight jaws provide maximum contact on flat, square or hex work
- Popular uses include welding, metal work and safer grinding
- Can also be used as a portable vice

Part Number	Description	Size
10R	Straight Jaw Locking Pliers	250mm
7R	Straight Jaw Locking Pliers	175mm

IRWIN  
VISE-GRIP®  
The Original  
SINCE 1924™



### Curved Jaw Locking Pliers

- Curved jaws put tremendous pressure on four points of any style nut or bolt head and better fits on round stock
- Can be used as a non-slip pipe wrench, pliers, adjustable wrench, emergency handle and all purpose clamp

Part Number	Description	Size
10CR	Curved Jaw Locking Plier	250mm
7CR	Curved Jaw Locking Plier	175mm

IRWIN  
VISE-GRIP®  
The Original  
SINCE 1924™



### Curved Jaw Locking Pliers with Wire Cutters

- Curved jaws put tremendous pressure on four points of any style nut or bolt head and better fits on round stock
- Wire cutter will handle up to 6.5mm bolt
- Can be used as a non-slip pipe wrench, pliers, adjustable wrench, emergency handle and all purpose clamp

Part Number	Description	Size
10WR	Curved Jaw Locking Plier with Wire Cutter	250mm
7WR	Curved Jaw Locking Plier with Wire Cutter	175mm

IRWIN  
VISE-GRIP®  
The Original  
SINCE 1924™



### Long Nose Locking Pliers with Wire Cutter

- Long straight nose provides easy access to narrow, hard-to-reach places
- Ideal for precision work and hobbies

Part Number	Description	Size
9LN	Long Nose Locking Pliers with Wire Cutter	225mm
6LN	Long Nose Locking Pliers with Wire Cutter	150mm
4LN	Long Nose Locking Pliers with Wire Cutter	100mm

IRWIN  
VISE-GRIP®  
The Original  
SINCE 1924™



### Locking C-Clamps with Regular Tips

- Wide opening jaws provide greater versatility - can clamp wide variety of shapes

Part Number	Description	Size
24R	Locking C-Clamp with Regular Tip	600mm
18R	Locking C-Clamp with Regular Tip	455mm
11R	Locking C-Clamp with Regular Tip	275mm
6R	Locking C-Clamp with Regular Tip	150mm

IRWIN  
VISE-GRIP®  
The Original  
SINCE 1924™



### Locking C-Clamps with Swivel Pads

- Swivel pads hold tapered work, awkward fabricating jobs, and delicate projects without damaging the work surface
- Soft pads available

Part Number	Description	Size
24SP	Locking C-Clamps with Swivel Pads	600mm
18SP	Locking C-Clamps with Swivel Pads	455mm
11SP	Locking C-Clamps with Swivel Pads	275mm
6SP	Locking C-Clamps with Swivel Pads	150mm
4SP	Locking C-Clamps with Swivel Pads	100mm

KINCROME®  
INDUSTRIAL QUALITY TOOLS



### Locking Pliers - 250mm 10"

- Nickel plated for corrosion resistance
- Includes wire cutter
- Quick release lever
- 57mm max jaw opening

Part Number: K040018





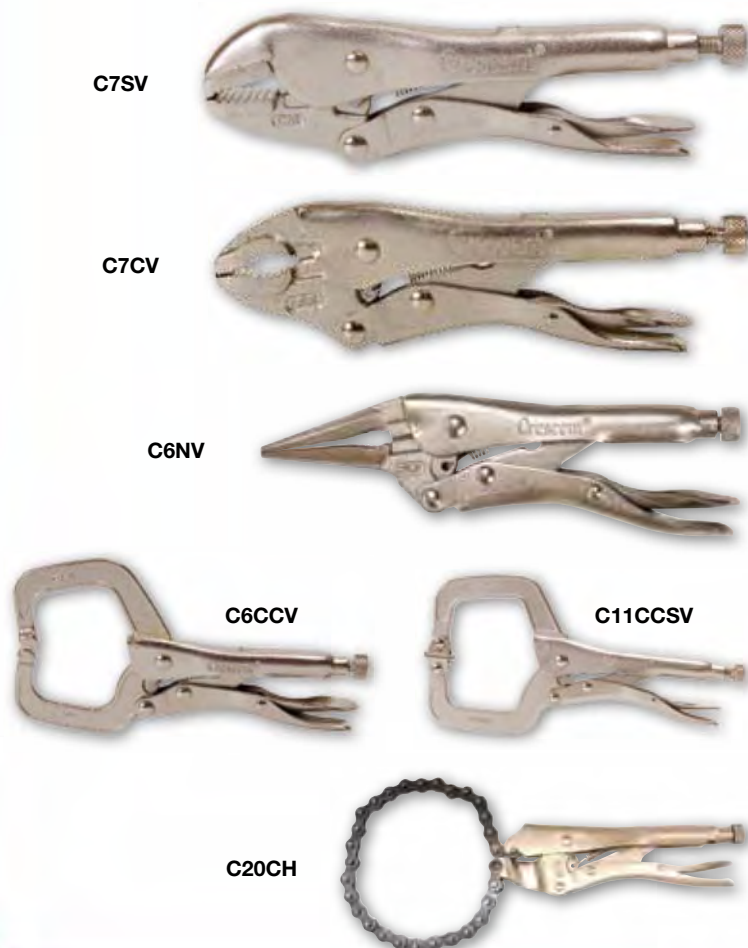
**Crescent®**

### Self Adjusting Locking Pliers and C-Clamps

- Self adjusting jaws automatically adjust to work piece, no jaw adjustment knob required, allowing you to work faster
- Angled tooth pattern, provides maximum gripping and turning power, greater transfer torque, less slippage and improved safety and reliability
- Convenient "pinch free" release mechanism provides for easier operation
- Frame and locking mechanism design allows for less flex under load
- Variable grip pressure that can be pre-set, allows you to decide pressure to work piece, and avoid marring
- Forged design, heat treated components and nickel-plated finish, results in maximum strength and durability
- Curved jaw model has in-built wire cutter for multiple use
- Removable moulded grip, for increased comfort and convenience
- Meets ASME standards for gripping strength and maximum jaw opening capacity
- Jaw capacity on C-clamps is 89mm, and on Pliers is 48mm

Material No.	Description	Jaw Capacity
<b>C10SA</b>	Self Adjusting Pliers 250mm/10"	48mm
<b>C11SACR</b>	Self Adjusting C-Clamp - Regular Tips 275mm/11"	89mm
<b>C11SACS</b>	Self Adjusting C-Clamp - Swivel Tips 275mm/11"	89mm

### Locking Pliers, C-Clamps, Welding Clamps



**C8SMV**



**C9W**



**C10CVC**



**CLP3SET**



**CLP3SETC**



**Crescent®**

- Maximum jaw opening capacity per ASME specs
- Integral wire cutter on curved jaw and long nose
- Precisely machined ferrule for fine jaw adjustment
- Nickel-plated finish resists rust and corrosion
- Compound action for powerful non-slip locking grip
- Patented angled tooth pattern provides better grip

Material No.	Description	Jaw Capacity
<b>C7SV</b>	Straight Jaw 175mm/7"	34mm
<b>C10SV</b>	Straight Jaw 250mm/10"	45mm
<b>C5CV</b>	Curved Jaw with Wire Cutter 125mm/5"	32mm
<b>C7CV</b>	Curved Jaw with Wire Cutter 175mm/7"	42mm
<b>C10CV</b>	Curved Jaw with Wire Cutter 250mm/10"	48mm
<b>C6NV</b>	Long Nose with Wire Cutter 150mm/6"	58mm
<b>C9NV</b>	Long Nose with Wire Cutter 230mm/9"	73mm
<b>C6CCV</b>	Locking C-Clamp (Reg Tips) 150mm/6"	51mm
<b>C11CCV</b>	Locking C-Clamp (Reg Tips) 280mm/11"	102mm
<b>C6CCSV</b>	Locking C-Clamp (Swivel Tips) 150mm/6"	73mm
<b>C11CCSV</b>	Locking C-Clamp (Swivel Tips) 280mm/11"	102mm
<b>C8SMV</b>	Locking Sheet Metal Clamp 200mm/8"	19mm
<b>C9W</b>	Locking Welding Clamp 230mm/9"	38mm
<b>C20CH</b>	Locking Chain Clamp 230mm/9" Chain - 460mm Circumference	
<b>CLP2SET</b>	2 Piece Curved Locking Plier Set 175mm/7" and 250mm/10"	
<b>CLP3SET</b>	3 Piece Curved Locking Pliers Set 125mm/5", 175mm/7", 250mm/10"	
<b>CLP5SET</b>	5 Piece Set - 3 Curved, 2 Long Nose 125mm/5", 175mm/7", 250mm/10", 150mm/6", 230mm/9"	
<b>C7CVC</b>	Locking Pliers Cushion Grip Curved 175mm/7"	42mm
<b>C10CVC</b>	Locking Pliers Cushion Grip Curved 250mm/10"	48mm
<b>C6LNVC</b>	Locking Pliers Cushion Grip Long Nose 150mm/6"	58mm
<b>CLP3SETC</b>	3 Piece Set Cushion Grips 3 Curved Jaw 125mm/5", 175mm/7", 250mm/10"	



# HAND TOOLS



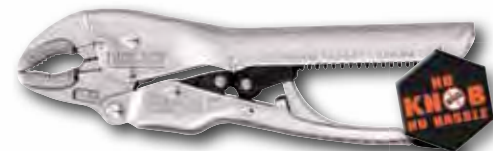
## Pliers that automatically adjust to any size object...

### Pliers

Pliers that automatically adjust to any size object...



**180mm / 7" Needle Nose Locking Pliers**  
Part Number 093001



**150mm / 6" Curved Jaw Locking Pliers**  
Part Number 061000



**250mm / 10" Curved Jaw Locking Pliers**  
Part Number 101003



**165mm/6 1/2" Self Adjusting Auto-Grip Groove Pliers**  
Part Number 206005



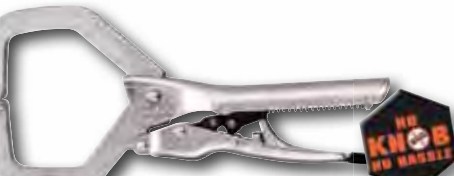
**240mm/9 1/2" Self Adjusting Auto-Grip Groove Pliers**  
Part Number 209006



**180mm / 7" 'C' Clamp Pliers**  
Part Number 062007



**180mm / 7" 'C' Clamp Pliers with Swivel Pads**  
Part Number 062014



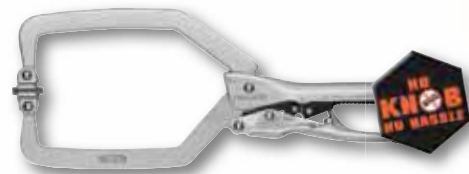
**280mm / 11" 'C' Clamp Pliers**  
Part Number 102000



**280mm / 11" 'C' Clamp Pliers with Swivel Pads**  
Part Number 102017



**250mm/10" Self Adjusting Extended Reach 'C' Clamp**  
Part Number 062069



**250mm/10" Self Adjusting Extended Reach 'C' Clamp with Swivel Pads**  
Part Number 062076



**500mm/19" Self Adjusting Extended Reach 'C' Clamp**  
Part Number 182002



**500mm/19" Self Adjusting Extended Reach 'C' Clamp Swivel Pad**  
Part Number 182019

**SET 10" Curved & 7" Needle Nose**  
Part Number 803006

**250mm / 10" Curved & 240mm 9 1/2" SAGP\***  
Part Number 804003



**SET 10" Curved & 6" Curved**  
Part Number 802009



**165mm / 6 1/2" & 240mm / 9 1/2" SAGP\***  
Part Number 805000



**SET 10" Curved, 6" Curved & 7" Needle**  
Part Number 801002





## PLIERS - LOCKING - FAST RELEASE

IRWIN  
**WISE-GRIP®**

One-Hand  
**Fast Release®**



### Fast Release Curved Jaw Locking Pliers with Wire Cutter

- Curved jaws put tremendous pressure on four points of any style nut or bolt head, and better fits round stock
- Wire cutter will handle up to 6.5mm bolt
- Easier controlled opening - Release can be operated by one hand
- 2X easier to open from any angle by simply pulling - no need to put pressure on a trigger
- No pinch points - elimination of trigger means no pinching during release
- ProTouch soft grip to reduce hand fatigue - 05T only

Part Number	Description	Size
05T	Fast Release Curved Jaw Locking Pliers	250mm
09T	Fast Release Curved Jaw Locking Pliers	125mm

## PLIERS - LOCKING - SET

IRWIN  
**WISE-GRIP®**



### 4 Piece Locking Plier Set in Kit Bag

- Includes 10CR (250mm), 7R(175mm), 6LN (150mm) and 5WR (125mm)

Part Number	Description	Size
428GS	4 Piece Locking Plier Set in Kit Bag	As above

## PLIERS - LOCKING - SHEET METAL

IRWIN  
**WISE-GRIP®**

The Original  
SINCE 1924™



### Locking Sheet Metal Tool

- Locks to work with powerful grip
- Makes bread pan corners and can crimp and double crimp
- Excellent for upholstery work

Part Number	Description	Size
8R	Locking Sheet Metal Tool	200mm

FAMOUS  
**TOLEDO**  
EXCELLENCE BY DESIGN

### Sheet Metal Multi-Grip Pliers

- With quick release levers
- Chrome moly jaws with tempered steel body



Part Number	Length	Description	Opening Jaw
301280	200mm	Wide Flat Jaws	0-15mm
301281	230mm	Double Curved Jaws	0-15mm
301282	215mm	Wide Curved Jaws	0-10mm
301283	210mm	Angle Jaws	0-15mm
301284	195mm	Straight Jaws	0-18mm

## PLIERS - LOCKING - WELDING

IRWIN  
**WISE-GRIP®**

The Original  
SINCE 1924™



### Locking Welding Clamp

- Holds work in proper alignment, even when material is not identical thickness
- Positive lock leaves hands free
- Deep-throat U-shaped jaws for visibility and working space

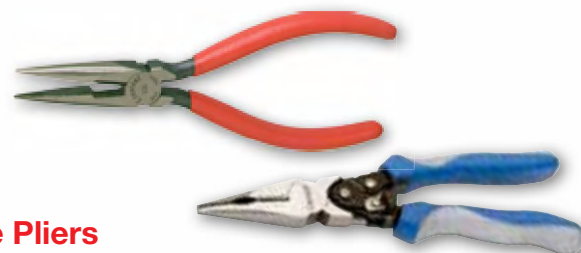
Part Number	Description	Size
9R	Locking Welding Clamp	225mm

## PLIERS - LONG NOSE

Crescent®

S SERIES

PRO SERIES



### Long Nose Pliers

- PS6549C is heat treated chrome vanadium alloy steel construction
- Patented high-leverage design gives up to 60% power gain
- 654-7CV has a long needle nose with excellent gripping ability

Material No.	Description
654-7CV	Long Nose - Cushion Grip 180mm/7" - Side Cutting
PS6549C	Long Nose 229mm/9" - Compound Action

IRWIN  
**WISE-GRIP®**

### Long Nose Pliers

- Induction hardened cutting edge stays sharper longer
- Machined jaws for maximum gripping strength
- ProTouch grips provide extra comfort for less hand fatigue



Part Number	Description	Size
2078216	Long Nose Pliers	150mm
2078218	Long Nose Pliers	200mm



# HAND TOOLS



## Long Nose Pliers

- Light insulation
- Cutting edge hardness - 58HRC UP
- CR-V

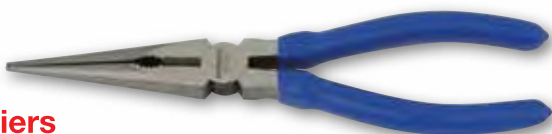
Part Number	Description	
17360	Long Nose Pliers	150mm
17361	Long Nose Pliers	200mm



## Long Nose Pliers

- High carbon steel and tungsten high frequency treated
- Max jaw opening: 65mm
- Vinyl coated handle
- High leverage action
- Manufactured to DIN Standard
- Length: 200mm (8")

Part Number: K040039



## Long Nose Pliers - Moulded Ergonomic Grip

Part Number	Description	Length
28523	Long Nose Pliers Moulded Ergonomic Grip	160mm
28520	Long Nose Pliers Moulded Ergonomic Grip	200mm



## PLIERS - LONG NOSE -EXTRA



## Double-X Pliers™

- Extra long reach to get into confined and hot areas.
- Dual dipped for comfort and grip
- Flush rivet for strength and narrow profile
- Compound joint allows access with minimal handle movement.
- Jaws open a greater distance than the handle for added reach in tight locations

Part No.	Description
82005	Straight Pliers



Part No.	Description
82106	Set of 2 - Straight and 45°



## PLIERS - MINI



## Mini Pliers

- ProTouch grips for extra comfort
- Spring loaded for easy gripping and reduced hand fatigue

Part Number	Description	Size
2078904	End Cutting Mini Pliers	110mm
2078935	Diagonal Cutting Mini Pliers	115mm
2078915	Lineman's Mini Pliers	120mm
2078965	Bent Nose Mini Pliers	125mm
2078905	Long Nose Mini Pliers	135mm
2078945	Flat Nose Mini Pliers	135mm
2078955	Needle Nose Mini Pliers	140mm



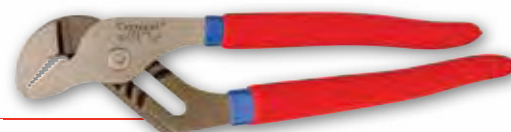
## PLIERS - MULTIGRIP

## Crescent®

## Multi Pliers

- Finest quality tool steel
- Self-locking jaw adjustment with 8 jaw positions

Material No.	Description	Jaw Capacity
R200SET3	3 Piece Multi-Grip Plier Set: 200mm/8", 250mm/10" and 300mm/12"	33mm 46mm 76mm
R210CV	Straight Jaw 254mm/10"	38mm
R212CV	Straight Jaw 305mm/12"	64mm
R216CV	Straight Jaw 406mm/16"	114mm
R410CV	Curved Jaw 254mm/10"	38mm



## Crescent®

## Auto Adjust Multi Grip Pliers

- Innovative size adjustment mechanism allows for quick and easy size selection
- Teeth/jaws are heat treated to 51HRC hardness
- CrV body material with grey phosphate coating
- Double dipped tapered plastic grips for comfort

Material No.	Description
CMGP10	254mm/10"
CMGP12	300mm/12"



## Multigrip Pliers

- Curved jaw
- Body hardness - 43HRC UP
- CR-V

Part Number	Description	Max Jaw Opening
17380	Multigrip Pliers	250mm 41.4mm
17381	Multigrip Pliers	300mm 48.6mm
17382	Multigrip Pliers	400mm 82.3mm
17388	Multigrip Pliers	500mm 137mm







### GrooveLock Tongue & Groove Pliers

- Press-N-Slide Button - Adjusts jaw rapidly - 2X faster than traditional Tongue & Groove pliers
- ProTouch Grips - Moulded handles for comfort and less hand fatigue
- Multi-Groove Ratcheting System - Twice the groove positions of traditional Tongue & Groove pliers, allowing for precise positioning
- Rapid Jaw Adjustment - Ratcheting action allows fast adjustment up to the work piece by simply sliding the handle
- All Purpose Jaw - Grips round, hex and square work pieces. Also available with Straight Jaw - suitable for use with flat, hex and square work pieces
- Metal Injection Moulding (MIM) - Precision parts deliver strength and exceptional performance

Part Number	Description	Size
2078108	GrooveLock Pliers All Purpose Jaw	200mm
2078110	GrooveLock Pliers All Purpose Jaw	250mm
2078112	GrooveLock Pliers All Purpose Jaw	300mm
2078116	GrooveLock Pliers All Purpose Jaw	400mm
2078120	GrooveLock Pliers All Purpose Jaw	500mm
4935095	GrooveLock Pliers Straight Jaw	200mm
4935096	GrooveLock Pliers Straight Jaw	250mm
4935098	GrooveLock Pliers Straight Jaw	300mm



### Multi-Grip Pliers - 250mm 10"

- Five position heavy duty groove joint adjustable head
- Cushion Grip handles • 45mm max jaw opening

Part Number: 1702010



### Multigrips - Vinyl Comfort Grip

Part Number	Description	Length
28500	Multigrips - Vinyl Comfort Grip, Interlocking	250mm
28502	Multigrips - Locking Twin Slip Joint	250mm

## PLIERS - STORK BEAK



### Stork Beak Pliers

- High loadable, elastic precision points with serrated gripping surfaces
- Cutting edges additionally induction hardened, edge hardness 61 HRC

Part Number	Head	Handles	Length
26 11 200	Polished	Plastic Coated	200mm
26 16 200	Chrome plated	Insulated	200mm
26 26 200	40° Chrome plated	Insulated	200mm

## PLIERS - WATER PUMP



MADE IN GERMANY



### Cobra® HiTech Water Pump Pliers

- Fast, fine adjustment directly on the workpiece: fast and comfortable handling
- Self locking on pipes and nuts: no slipping on the workpiece

Part Number	Head	Handles	Length
87 01 150	Polished	Non- Slip Plastic Coated	150mm
87 01 180	Polished	Plastic Coated	180mm
87 01 250	Polished	Plastic Coated	250mm
87 01 300	Polished	Plastic Coated	300mm
87 01 400	Polished	Plastic Coated	400mm
87 01 560	Polished	Plastic Coated	560mm

## PLIERS - WIRE STRIPPER



### Self Adjusting Wire Stripper

- Used for stripping and cutting wire, crimping insulated and non-insulated terminals and crimping ignition terminals
- Cuts and strips 24-10 AWG (0.2-6mm<sup>2</sup>) copper or aluminium wire
- Crimps 22-10 AWG (0.5-6mm<sup>2</sup>) insulated and non-insulated terminals
- Crimps 7-8mm ignition terminals

Material No. CWS1



### Wire Stripper/Cutter

- Dipped grips for added comfort
- Suitable for stripping 10-20 AWG wires
- Selection dial adjusts for varying sizes

Part Number	Description	Size
2078305	Wire Stripper / Cutter	125mm



MADE IN GERMANY



### Wire Strippers with opening spring

- For single, multiple or fine stranded conductors with plastic/rubber insulation
- Easy adjustment to the required diameter

Part Number	Head	Handles	Length
11 06 160	Chrome Plated	Insulated	160mm

## PROTRACTORS



### Pro-Site™ Miter Protractor

- The Starrett Pro-Site™ Protractor takes error prone calculations out of the process of mitre cuts
- Easy to use tool has two scales

Part Number	Length
505A-7	180mm
505A-12	300mm



# HAND TOOLS

## PULLER - BEARING EXTRACTOR SET

Sykes-Pickavant.

### Internal Extractor Set

- Extract components quickly and efficiently when conventional pullers cannot be used
- Removes gears, bearings, oil seals etc.

Part Number	Internal Spread	No. of Split Collett Extractors
095801	6-13mm	3
095802	13-30mm	3
095803	30-60mm	3
095804	8-22.5mm	4
095800	6-60mm	9



## PULLER - BEARING SEPARATOR

KC TOOLS  
SPECIALITY

### Bearing Separator

- 90 - 150mm

Part Number: 10705



## PULLER - CONCENTRIC - HEAVY DUTY

Sykes-Pickavant.

### Concentric Pullers

- Screw operated concentric action and self adjusting legs
- Self-locking, self-positioning legs and force screw
- Can be used in a two or three leg format.

Part Number	Puller Spread Min - Max	Puller Reach	Capacity
100110	25-120mm	80mm	2 tonnes
100120	30-140mm	120mm	3 tonnes
100130	35-270mm	160mm	5 tonnes
100140	50-300mm	210mm	8 tonnes



## PULLERS - HYDRAULIC

FAMOUS  
TOLEDO  
EXCELLENCE BY DESIGN

### Hydraulic Gear Puller Kit

- Complete with bearing separator, main rods, extension rods, twin/triple head, beam and legs to build 4", 6", 8" two and three leg pullers
- For general, industrial, automotive, agricultural and marine applications
- 10-tonne hydraulic ram

Part Number	Separator Capacity
265000	75-105mm



TO  
radequip

### Hydraulic Gear Puller 23 Piece

- Capacity: 10,000kg (11 Ton)
- Size: 355(L) x 195(W) x 150(H)mm
- Nett Weight: 16kg

Part Number: 2007



FAMOUS  
TOLEDO  
EXCELLENCE BY DESIGN

### Combination Twin/Triple Leg Hydraulic Pullers

- Offer the versatility of either a twin or triple leg puller assembly
- The 10-tonne hydraulic ram ensures maximum force with minimum effort

Part Number	Spread	Reach
265040	50-100mm	100mm
265060	75-150mm	150mm
265080	100-200mm	200mm



Sykes-Pickavant.

### Hydraulic Triple Leg Pullers

- Removes gears, bearings, pulleys and sprockets
- Powered by 1500 series hydraulic ram
- Safe and easy to use
- 8 tonnes of force with minimum effort
- Non-twisting for improved stability

Part Number	Max. Puller Spread	Max. Puller Reach	Ram Extension
153400	100mm	100mm	50mm
153600	150mm	150mm	100mm
153700	150mm	250mm	150mm
153800	200mm	200mm	150mm
153900	250mm	250mm	150mm



KC TOOLS  
SPECIALITY

### Hydraulic Puller Kit

- A highly versatile hydraulic puller, Both 2 and 3 leg pulling in 3 lengths: 100, 150 and 200mm.
- The kit also contains a large bearing separator (90-105mm) and 2 sets of extension legs giving a reach of 225mm and 450mm.

Part Number: 10702





Sykes-Pickavant.

### Hydraulic Puller & Separator Kits

- Makes four (155200) or six (155208) different twin/triple leg pullers, plus bearing separator kit
- Powered by 1500 series hydraulic ram
- Supplied in lockable metal case



Part Number	Puller Spread Max - Min	Puller Reach Max.	Ex. Spread Min - Max	Ex. Reach Max.
155200	50-150mm	150mm	20-105mm	876mm
155208	50-200mm	200mm	20-105mm	876mm

**FAMOUS  
TOLEDO**  
EXCELLENCE BY DESIGN

### 22 Tonne Hydraulic 3 Leg Puller Kit

- Designed for extra large heavy duty applications where additional force is required
- Adjustable two position reversible legs for internal and external pulling applications



Part No.	Spread	Reach
265022	570mm	300mm

Sykes-Pickavant.

### Comprehensive Hydraulic Puller/Separator/Extractor Kit

- The most comprehensive set of pulling, separating and extracting options
- Ideal for applications where a wide variety of pulling and extracting problems are likely to be encountered on a daily basis
- Supplied on two wall mounted storage panels for ease of use and access.



Part Number	Max. Puller Spread	Max. Puller Reach	Ram Extension
155305	250mm	250mm	50, 100 & 150mm

## PULLER - LOADSTAR - HEAVY DUTY

Sykes-Pickavant.

### Loadstar Pullers

- Self centring self locking puller legs
- Easy one man operation
- 360° swivel hose coupling for optimum access



Part No.	Max. Puller Spread	Max. Puller Reach	Capacity
201008	450mm	280mm	8 tonnes
201012	485mm	305mm	12 tonnes
201020	570mm	365mm	20 tonnes

## PULLER - MECHANICAL

**KC TOOLS**  
SPECIALITY

### 2 Leg Pullers

- Automotive industrial



Part Number	Description	Size
10770	2 Leg Puller	75mm
10778	2 Leg Puller	300mm

**KC TOOLS**  
SPECIALITY

### 2 Leg Sliding Arm Pullers

- Automotive Industrial



Part Number	Description	Size
10790	2 Leg Sliding Arm Puller	80mm
10796	2 Leg Sliding Arm Puller	200mm

Sykes-Pickavant.

### Mechanical Puller Kits

- Twin and triple beams and double ended legs for a range of pulling options
- Double ended reversible leg
- Drop forged steel legs, beam and jaws
- Heat treated for strength and durability
- Made in England



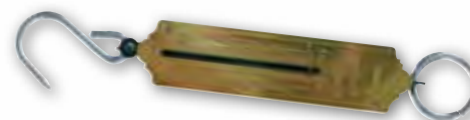
Part No.	Min-Max Spread	Max. Reach	No. of Puller Combinations
082705	0-100mm	75mm	4
082805	0-150mm	80mm	4

## POCKET BALANCES

**FAMOUS  
TOLEDO**  
EXCELLENCE BY DESIGN

### Stamina Pocket Balances

- Versatile and portable hanging scale
- Brass face with protective coating
- Gloss nickel plated hook and ring



Part Number	Capacity	Description
100A	12.5kg/25lbs	Brass Face
100B	23kg/50lbs	Brass Face
100C	46kg/100lbs	Brass Face



# HAND TOOLS

## PUNCHES - BRASS



### Brass Punches

- Used where a softer punch is needed, avoiding damage
- Australian Made, industrial quality
- Selected brass, correct composition for punch use
- Knurled handle for good grip, chamfered head for safety
- \* Warning eye protection and gloves must be worn when using this product.

Part Number	Size	Weight
4BP10PP	10mm Brass Punch Pre Packed	0.11kg
4BP12PP	12mm Brass Punch Pre Packed	0.15kg
4BP16PP	16mm Brass Punch Pre Packed	0.31kg
4BP19PP	19mm Brass Punch Pre Packed	0.49kg
4BP25PP	25mm Brass Punch Pre Packed	0.86kg
4BPSET5	Brass Punch 5 Piece Set	1.99kg



### Centre Punches - Heavy Duty

- Used to mark the centrepoin when drilling holes
- Tough tool steel shaft for punching hard metals, including stainless steel
- Precision ground point for easier marking
- Knurled handle for gripping easily, softer and chamfered head for safety
- \* Warning eye protection and gloves must be worn when using this product.

Part Number	Size	Weight
4CPHD04PP	4mm	0.06kg
4CPHD05PP	5mm	0.09kg
4CPHD06.5PP	6.5mm	0.10kg
4CPHD08PP	8mm	0.14kg
4CPHD10PP	10mm	0.20kg
4CPHDSET5	Centre Punch Heavy Duty 5 Piece Set	0.63kg



### Centre Punches

- For punching heavy duty materials, including stainless steel, prior to drilling
- Forged from tough alloy steel
- Large body makes for easier striking
- Thick point gives larger centre dot to fit web of drill, to minimise drill run-off
- Heat treated point for long life and reliability
- Correctly heat treated to best suit product application
- \* Warning wear safety goggles user and bystander

Part Number	Size	Weight
5CP13816	138 x 16mm	0.18kg
5CP17520	175 x 20mm	0.36kg



### General Automatic Centre Punch

- Unique ball bearing action, lightweight aluminium body.
- Long wearing steel parts. **Body Diameter: 5/8" Overall Length: 5"**

Part Number	Description
GEN77	General Automatic Centre Punch



## PUNCHES - CENTRE



### Centre Punches

Part Number	Description	Size
27110	Centre Punch	100mm x 2mm
27111	Centre Punch	100mm x 2.5mm
27112	Centre Punch	100mm x 3mm
27113	Centre Punch	100mm x 4mm
27114	Centre Punch	100mm x 5mm
27115	Centre Punch	125mm x 6.5mm
27116	Centre Punch	125mm x 8mm
27117	Centre Punch	150mm x 10mm
27118	Centre Punch	150mm x 12mm



### Centre Punch

- Auto centre punch creates guide prior to drilling

Part Number: 301275



### Centre Punches

- Australian made.
- Industrial quality.
- Made from tough high tensile steel.
- Heat treated for durability.
- \* Warning eye protection and gloves must be worn when using this product.

Part Number	Size	Weight
4CP02PP	2mm	0.05kg
4CP02.5PP	2.5mm	0.05kg
4CP03PP	3mm	0.05kg
4CP04PP	4mm	0.05kg
4CP05PP	5mm	0.05kg
4CPSET5	Centre Punch 5 Piece Set	0.25kg



### 5 Piece Ind. Centre Punch Set

- No. 4, 5, 6.5, 8 and 10
- Part Number: A7230



### 5 Piece Centre Punch Set

Used in metal working, for marking lines, hole locations and pilot drill starting points.  
Centre Punches: 2, 2.5, 3, 4, 5mm

Part Number: 27105







## Hand Tools - Punches - Sets

All Sutton punches are made from high quality carbon steel. The point is hardened and tempered to withstand continuous use. All punches have well cut knurling to provide positive finger grip. Individual sizes available upon request.



Part Number	Sets	Description	Case	Pieces
153025	PP7S	Short Pin Punches - 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 6.5mm	Wallet	7
109312	PP8L	Long Pin Punches - 2.5, 3.0, 4.0, 5.0, 6.0, 6.5, 8.0, 10.0mm	Foam	8
109329	CP5R	Centre Punches - 2.0, 2.5, 3.0, 4.0, 5.0mm	Wallet	5
109336	NP5R	Nail Punches - 2.0, 2.5, 3.0, 4.0, 5.0mm	Wallet	5

## PUNCHES - COMBINATION



### Combo Punch Set - 10 Piece

- 4 centre punches and 4 long pin punches
- 2 starter drift punches

Part Number: LPS110



### 10 Piece Combination Punch Set

Centre Punches: 3, 4, 5, 6.5mm.  
Long Pin Punches: 3, 4, 5, 6mm.  
Starter Drift Punches: 3, 5mm.

Part Number: 27241



### Starter Drifts

- Used for loosening pins before pin punch use
- Also as an aid in aligning bolt or rivet holes prior to inserting a fastener
- Made from tough high-tensile steel, heat treated for durability
- Softer head for safety, knurled handle for good grip
- \* Warning eye protection and gloves must be worn when using this product.

Part Number	Size	Weight
4SD02PP	2mm	0.07kg
4SD03PP	3mm	0.07kg
4SD05PP	5mm	0.15kg
4SD06.5PP	6.5mm	0.15kg
4SD08PP	8mm	0.21kg
4SD10PP	10mm	0.22kg
4SDSET6	Starter Drift 6 Piece Set	0.86kg

## PUNCHES - DRIFT



### Barrel Drifts

- Used for aligning holes in construction
- Also used for expanding holes in mild steel
- Forged from tough high tensile carbon-manganese steel
- Taper is forged, not turned, for finer grain, giving greater tensile strength
- Will not score edge when driven hard
- Correctly heat treated to best suit product application
- \* Warning wear safety goggles user and bystander

Part Number	Size	Weight
5BD12	12mm	0.12kg
5BD14	14mm	0.16kg
5BD16	16mm	0.17kg
5BD18	18mm	0.25kg
5BD19	19mm	0.28kg
5BD20	20mm	0.35kg
5BD22	22mm	0.50kg
5BD24	24mm	0.52kg
5BD25	25mm	0.54kg
5BD27	27mm	0.63kg
5BD30	30mm	0.80kg
5BD33	33mm	1.04kg



### Drift Punches

Part Number	Description	Size
27160	Starter Drift Punch	115mm x 2mm
27161	Starter Drift Punch	140mm x 3mm
27162	Starter Drift Punch	150mm x 5mm
27163	Starter Drift Punch	165mm x 6.5mm
27164	Starter Drift Punch	175mm x 8mm
27165	Starter Drift Punch	190mm x 10mm

## PUNCHES - DRIFT - SET



### 6 Piece Starter Drift Punch Set

For installing and removing pins and shafts.  
For aligning holes. Starter Drift Punches: 2, 3, 5, 6.5, 8, 10mm

Part Number: 27155





# HAND TOOLS

## PUNCH - DRIFT (TAPER) - SET

**KCTOOLS**  
PROFESSIONAL

### 6 Piece Starter Drift Punch Set

- No. 4, 5, 6.5, 8 and 10

Part Number: A7240



## PUNCHES - HOLLOW

**SIDCHROME**

### Hollow Punches



Part Number	Description	Size
27175	Hollow Punch	88mm x 3mm
27176	Hollow Punch	92mm x 4mm
27177	Hollow Punch	95mm x 5mm
27178	Hollow Punch	100mm x 6mm
27179	Hollow Punch	104mm x 7mm
27180	Hollow Punch	109mm x 8mm
27181	Hollow Punch	114mm x 9mm
27182	Hollow Punch	120mm x 10mm
27184	Hollow Punch	125mm x 11mm
27185	Hollow Punch	131mm x 12mm
27186	Hollow Punch	137mm x 13mm

## PUNCHES - HOLLOW - SETS

**SIDCHROME**

### 6 Piece Hollow Punch Set

Punching holes in leather, soft plastic, rubber sheet and gasket materials.  
Hollow Punches: 3, 4, 5, 6, 7, 8mm

Part Number: 27174



**GROZ**

### Hollow Punches Set

- 6 Piece
- Sizes: 5mm, 6mm, 8mm, 10mm, 11mm, 12mm

Part Number: 26391



## PUNCH - LEATHER

MAUN INDUSTRIES LTD



### Revolving Leather Punch

- 200mm revolving leather punch
- Plier lever assisted
- Made in the UK

Product Code: MA2230/200

## PUNCHES - LETTER & NUMBER SETS

FAMOUS  
**TOLEDO**  
EXCELLENCE BY DESIGN

### Letter Punch Sets

- Letter set of 27 pieces

Part Number	Stamp Height
301626	3mm set
301627	5mm set
301628	6mm set

Part Number	Stamp Height
301629	8mm set
301630	10mm set



FAMOUS  
**TOLEDO**  
EXCELLENCE BY DESIGN

### Number Punch Set

- Alloy steel and hardened number set
- Each set contains nine pieces (reversible 6/9)

Part Number	Stamp Height
301615	3mm set
301616	5mm set
301617	6mm set

Part Number	Stamp Height
301618	8mm set
301619	10mm set



## PRYOR

### Letter and Number Punches

Made from top quality controlled tool steel and nickel plated. Hardened and tempered to precise limits to give long life and maximum safety.  
Manufactured to BS5750 / ISO9001 quality standards.



Part Number	Description	Size
PRYPAS030	Pryor A-Z Hand Punch Set	3mm
PRYPAS040	Pryor A-Z Hand Punch Set	4mm
PRYPAS050	Pryor A-Z Hand Punch Set	5mm
PRYPAS060	Pryor A-Z Hand Punch Set	6mm
PRYPAS080	Pryor A-Z Hand Punch Set	8mm
PRYPAS100	Pryor A-Z Hand Punch Set	10mm
PRYPAS125	Pryor A-Z Hand Punch Set	12.5mm
PRYPNS030	Pryor 0-9 Hand Punch Set	3mm
PRYPNS040	Pryor 0-9 Hand Punch Set	4mm
PRYPNS050	Pryor 0-9 Hand Punch Set	5mm
PRYPNS060	Pryor 0-9 Hand Punch Set	6mm
PRYPNS080	Pryor 0-9 Hand Punch Set	8mm
PRYPNS100	Pryor 0-9 Hand Punch Set	10mm
PRYPNS125	Pryor 0-9 Hand Punch Set	12.5mm



## KC TOOLS SPECIALITY

### 36 Piece Punch Set

- Letters and numbers
- 5.0mm

Part Number: 10070

### 36 Piece Punch Set

- Letters and numbers
- 6.0mm

Part Number: 10071



## PUNCHES - NAIL

### SIDCHROME®



### Nail Punches

Part Number	Description	Size
27135	Nail Punch	100mm x 2mm
27136	Nail Punch	100mm x 2.5mm
27137	Nail Punch	100mm x 3mm
27138	Nail Punch	100mm x 4mm
27139	Nail Punch	100mm x 5mm



### Nail Punches

- Australian made.
  - Industrial quality.
  - Made from tough high tensile steel.
  - Correctly heat treated to best suit product application
- \* Warning wear safety goggles user and bystander

Part Number	Size	Weight
4NP02.5PP	2.5mm	0.05kg
4NP02PP	2mm	0.05kg
4NP03PP	3mm	0.05kg
4NP04PP	4mm	0.05kg
4NP05PP	5mm	0.05kg
4NPSET5	Nail Punch - 5 Piece Set	0.25kg

## PUNCHES - NAIL - SET

### SIDCHROME®

### 5 Piece Nail Punch Set

Setting nails below surface in woodworking, inserting putty and other fillers. Nail Punches: 2, 2.5, 3, 4, 5mm

Part Number: 27130



## PUNCHES - PIN - EXTRA LONG



### Extra Long Series Pin Punches

- Used for driving out and removing pins and keys
  - Tough and resilient shaft made from quality tool steel
  - Heat treated for durability and strength
  - Non-chipping softer head for safety, knurled handle for good grip
- \* Warning eye protection and gloves must be worn when using this product.

Part Number	Size	Weight
4PPXL06PP	6mm	0.13kg
4PPXL09PP	9mm	0.20kg
4PPXL12PP	12mm	0.30kg
4PPXL15PP	15mm	0.46kg
4PPXL19PP	19mm	0.63kg
4PPXLSET3	Extra Long Pin Punch 3 Piece Set	1.04kg
4PPXLSET5	Extra Long Pin Punch 5 Piece Set	1.81kg

## PUNCHES - PIN - LONG

### SIDCHROME®



### Long Pin Punches

Part Number	Description	Size
27210	Long Pin Punch	155mm x 2.5mm
27211	Long Pin Punch	155mm x 3mm
27212	Long Pin Punch	160mm x 4mm
27213	Long Pin Punch	165mm x 5mm
27214	Long Pin Punch	170mm x 6mm
27215	Long Pin Punch	175mm x 6.5mm
27216	Long Pin Punch	175mm x 8mm
27217	Long Pin Punch	175mm x 10mm



### Long Series Pin Punches

- Used for driving out and removing pins and keys
  - Tough and resilient shaft made from quality tool steel
  - Heat treated for durability and strength
  - Non-chipping softer head for safety, knurled handle for good grip
- \* Warning eye protection and gloves must be worn when using this product.

Part Number	Size	Weight
4PPL02.5PP	2.5mm	0.07kg
4PPL03PP	3mm	0.07kg
4PPL04PP	4mm	0.07kg
4PPL05PP	5mm	0.08kg
4PPL06.5PP	6.5mm	0.09kg
4PPL06PP	6mm	0.08kg
4PPL08PP	8mm	0.12kg
4PPL10PP	10mm	0.17kg
4PPLSET8	Long Pin Punch 8 Piece Set	0.72kg



# HAND TOOLS

## PUNCHES - PIN SETS

**INKAL**



### Pin Punch Set - 8 Piece

- Sizes: 2.5mm (3/32"), 3mm (1/8"), 4mm (5/32"), 5mm (3/16"), 5.5mm (7/32"), 6.5mm (1/4"), 8mm (5/16"), 9.5mm (3/8")

Part Number: LPS108

**SIDCHROME**



### 7 Piece Short Pin Punch Set

Short Pin Punches: 2, 2.5, 3, 4, 5, 6, 6.5mm

Part Number: 27190

**SIDCHROME**

### 8 Piece Long Pin Punch Set

Long Pin Punches: 2.5, 3, 4, 5, 6, 6.5, 8, 10mm

Part Number: 27205

**PROTO**



### 7 Piece Super-Duty Drive Pin Punch Set

1 Piece design with parabolic struck end for resistance to mushrooming and chipping. Pin Punches: 1/16, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4"

Part Number: J48007

**FAMOUS TOLEDO**  
EXCELLENCE BY DESIGN



### Pin Punch Sets

- Supplied in durable storage pouch
- Heavy duty

Part Number	Quantity	Punch Size	Length
301181	7 piece	1/16"-5/16"	100-150mm (4"-6")
301182	5 piece	1/8"-3/8"	200mm



### Short Series Pin Punches

- Used for driving out and removing pins and keys
- Tough and resilient shaft made from quality tool steel
- Heat treated for durability and strength
- Non-chipping softer head for safety, knurled handle for good grip
- \* Warning eye protection and gloves must be worn when using this product.

Part Number	Size	Weight
4PPS02.5PP	2.5mm	0.05kg
4PPS02PP	2mm	0.05kg
4PPS03PP	3mm	0.05kg
4PPS04PP	4mm	0.06kg
4PPS05PP	5mm	0.06kg
4PPS06.5PP	6.5mm	0.06kg
4PPS06PP	6mm	0.06kg
4PPSSET7	Short Pin Punch 7 Piece Set	0.38kg

## PUNCH - ROOFING



### Roofing Punches

- Used for punching sheet metal prior to nailing or screwing
- Also used as an awl for timber work
- Forged from tough high tensile carbon manganese steel
- Finely ground and sharpened point for accurate work
- Hex profile for better control - won't roll away
- Correctly heat treated to best suit product application
- \* Warning wear safety goggles user and bystander

Part Number	Description	Weight
5RP	Roofing Punch Hexagon	0.22kg

## PUNCH - WAD

## PUNCHES - PIN - SHORT

**SIDCHROME**



### Short Pin Punches

Part Number	Description	Size
27195	Short Pin Punch	100mm x 2mm
27196	Short Pin Punch	100m x 2.5mm
27197	Short Pin Punch	100mm x 3mm
27198	Short Pin Punch	100mm x 4mm
27199	Short Pin Punch	100mm x 5mm
27200	Short Pin Punch	100mm x 6mm
27201	Short Pin Punch	100mm x 6.5mm

MAUN INDUSTRIES LTD



### Wad Punch Kits

Product Code	Description
MA1000/05	Metric - 10 Pieces 5, 6, 8, 10, 12.5, 16, 20, 25, 32
MA1001/05	AF - 10 Pieces 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4, 7/8, and 1"



## PUNCH & CHISEL SETS



### Combination Set

- Australian made.
- Industrial quality.
- \* Warning eye protection and gloves must be worn when using this product.

Part Number	Size	Weight
4PCSET6	Punch and Chisel 6 Piece Set	0.82kg



### 7 Piece Punch & Chisel Set

- Punches: No. 6.5, 3, 4, 5 and 6mm
- Chisels: 12 and 16mm

Part Number: A7100



### 10 Piece Punch & Chisel Set

- Punches: No.2, 3x9.5, 2, 3, 4, 5, 6 and 8mm
- Chisels: 12 and 18mm

Part Number: 07020



### Punch & Chisel Set – 13 Piece

Cold Chisels: 12, 19, 25mm. Long Pin Punches: 3, 4, 5, 6mm. Centre Punches: 3, 4, 5, 6.5mm. Starter Drift Punches: 3, 5mm.

Part Number: 27321



### Punch/Chisel Sets

- Supplied in durable storage pouch
- Popular sizes

Part Number	Quantity	Description
301183	6 piece	Chisel Set
301184	7 piece	Chisel / Punch Set



## RIVETERS - HAND



### Hand Riveter

- Steel fabrication and epoxy coated
- Suitable for light industrial use
- Will set up to 4.8mm aluminium rivets

Product Code: FH10MK11C



### Hand Riveter Kit

- Steel fabrication and epoxy coated
- Suitable for light industrial use
- Will set up to 4.8mm aluminium rivets packet in storage pouch with rivets

Product Code: FH10MK11KP/A



### Hand Riveter - 250mm 10"

- Diecast aluminium body and carbon steel leverage handles with moulded grips
- Replacement jaws, tips and springs available
- Four interchangeable nozzles to accept 2.4, 3.2, 4.0 and 4.8mm diameter rivets

Part Number: CL700



### Riveter - Professional

- Hardened and tempered jaws
- Easy grip handles
- Nose spanner included
- 3 interchangeable nose pieces: 3mm, 4mm and 5mm

Product Code: EC-2730

Also available in Long Nose format

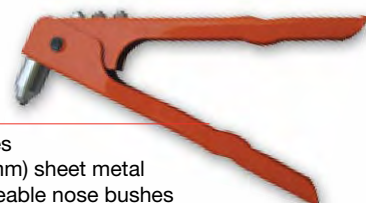
Product Code: EC-2720



### Plier Style Riveter

- 30% more grip than regular 2 jaw types
- Manufactured from heavy gauge (2.5mm) sheet metal
- Complete with 4 hardened and replaceable nose bushes

Part Number	Length	Capacity (Diameter)
31651	265mm	2.4mm, 3.2mm, 4mm, 4.8mm





# HAND TOOLS

Crescent®

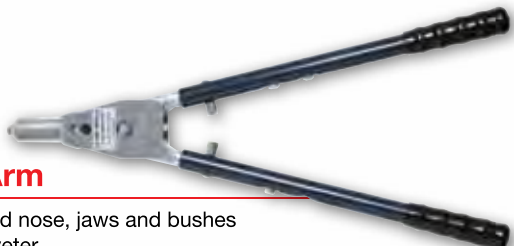
PRO SERIES



## Hand Riveter Pro Series

- Premium quality hand riveter, suitable for professional and trade applications
- Heat treated for increased strength and durability
- Powder coated surface
- 3-Jaw system for increased durability
- Bonus pack of 120 rivets

Material No. CPSHR1B



## Riveter - Long Arm

- Hardened and tempered nose, jaws and bushes
- Powerful heavy duty riveter
- Nose spanner included
- Solid all metal construction
- 4 interchangeable nose pieces: 3mm, 4mm, 5mm and 6mm

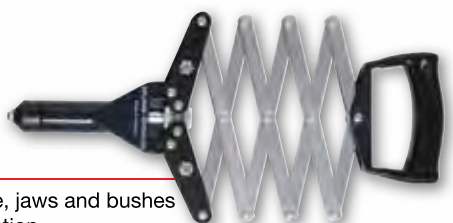
Product Code: EC-2760



## Scissor Type Long Handles Riveter

- Robust scissor construction and epoxy coated
- Suitable for industrial use

Product Code	Size
FH2448	Up to 4.8mm
FH2464	Up to 6.4mm



## Riveter - Lazy Tong

- Hardened and tempered nose, jaws and bushes
- Powerful single handed operation
- Nose spanner included
- Solid all metal construction
- 3 Interchangeable nose pieces 3mm, 4mm and 5mm

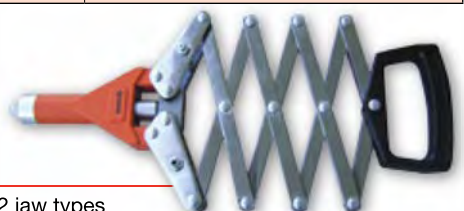
Product Code: EC-2750



## Lazy Long Riveters

- Heavy duty lazy long construction
- Suitable for heavy duty industrial use

Product Code	Size
FH44	Up to 4.8mm
FH64	Up to 6.4mm



## Lazy Tong Riveter

- 30% more grip than regular 2 jaw types
- Heavy duty riveter, suited for continuous and repetitive applications
- Complete with 5 hardened and replaceable nose bushes

Part Number	Length	Capacity (Diameter)
31650	300mm / 810mm	2.4mm, 3.2mm, 4mm, 4.8mm, 6.4mm

## RULES - LINE OF CHORDS

STANLEY®



### Line of Chords Rule

Length 600mm. Subdivided mm and Line of Chords scale, one side; subdivided mm and circumference scale in mm, other side.

Part Number: 35.333

## RULES - PLASTIC FOLDING



Lufkin®

### Folding Bevelled and Square Edge Rule

Material No.	Description
LFBME	1m/39" White (Bevelled)
LFBSI	1m White (Bevelled)
LFSME	1m/39" 4 - Fold Yellow (Square)
LFSSI	1m 4 - Fold Yellow (Square)



FIXB1M



FIXY1M

### 4-Fold 1 Metre Rule

Product Code	Blade Length
FIXB1M	4-fold, 1m nylon rule, bevelled edges, craftsmans quality - white
FIXY1M	4-fold, 1m plastic rule, square edges, suits handyman - yellow

STANLEY®



### Folding Rules for Carpenters - Longlife

Virtually unbreakable tough engineering plastic.

35.444: mm, 5mm figured every 10mm on both sides.

35.445: mm, 5mm figured every 10mm one side; inches, 8ths on the other side.

Part Number	Description	Size
35.444	Folding Rule	1m
35.445	Folding Rule	3/1m

STANLEY®



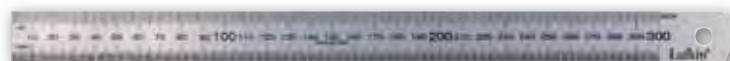
### High Visibility Folding Rule for Carpenter

Length 1m. Virtually unbreakable tough engineering plastic in high visibility yellow. mm graduations, 5mm figured every 10mm on both sides.

Part Number: 35.464



## RULES - STEEL

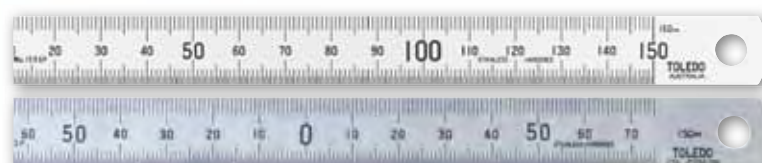


**Lufkin®**

### Steel Rules

- Rustless steel, deeply etched for easy reading
- Upper edge subdivided mm and 1/2mm; lower edge subdivided 1/8", 1/32" and 1/64"

Material No.	Description
LSR150	150mm/6" x 15mm x 1mm
LSR300	300mm/12" x 23mm x 1mm
LSR600	600mm/24" x 28mm x 1mm
LSR1000	1000mm/40" x 35mm x 1mm



**FAMOUS TOLEDO**  
EXCELLENCE BY DESIGN

### Metric & Imperial Single/Double Sided

- Precision etching
- One square and one rounded end with hanging hole
- Accurate to JIS B 7516 – grade one specifications
- Satin chromed for rapid reading
- Rule supplied in protective pouch

Part No.	Description	Length	Width
150A6	Metric & Imperial/Single Sided	150mm	15mm
150B6	Metric & Imperial/Double Sided	150mm	15mm
30012	Metric & Imperial/Double Sided	300mm	25mm
60024	Metric & Imperial/Double Sided	600mm	30mm
100036	Metric & Imperial/Double Sided	1000mm	35mm
150SP	Metric Only/Double Sided	150mm	15mm
300SP	Metric Only/Double Sided	300mm	25mm
300M	Metric Only/Single Sided	150mm	15mm
600M	Metric Only/Single Sided	600mm	30mm
1000M	Metric Only/Single Sided	1000mm	35mm

## SAWS - COPING

**STANLEY®**

### Coping Saw

Frame length: 160mm, depth 120mm. Finest pro quality. Rich, hardwood handle. Blade is highest grade high carbon steel – hardened and tempered for clean, controllable cutting action.

Part Number: 15.104A



## SAWS - HAND



**BAHCO**



### Handles and Blades

Revolutionary approach to sawing. The best Bahco ERGO handle ever and a wide range of interchangeable Bahco Superior saw blades. Available for left and right hand users with 2 different sizes to customise your fit.

Part Number	Description	Size
EX-RM	Handle-Right Hand Medium	N/A
EX-RL	Handle-Right Hand Large	N/A
EX-LL	Handle-Left Hand Large	N/A
EX-24-XT7-C	XT7 Teeth, for cutting Coarse Wood	24"
EX-22-XT9-C	XT9 Teeth, for cutting Medium Wood	22"
EX-16-GNP-C	FT15 Teeth, General Purpose	16"
EX-20-LAM-C	XT11 Teeth, for Laminate Board	20"
EX-14-TEN-C	XT11 Teeth, Tenon Blade	14"
EX-14-TEN-C	XT11 Teeth, Veneer Blade	14"
EX-22-PLS-C	GT7 Teeth, Plaster Blade	22"
EX-20-XT11-C	XT11 Teeth, for Cutting Fine Wood	20"

**STANLEY®**

**FatMax®**



### FatMax® Handsaws with Blade Armor™ Coating

Blade Armor™ is a composite coating that protects the blade: 2x more rust protection, 6x more abrasion protection, 50% less friction.

Part Number	Description	Blade Length
20.046	FatMax® Handsaw	380mm
20.047	FatMax® Handsaw	508mm

**STANLEY®**

### General Purpose Handsaw

Length: 508mm. Blade Armor™ is a composite coating that protects the blade: 2x more rust protection, 6x more abrasion protection, 50% less friction.

Part Number: 20.074

**STANLEY®**

**FatMax®**



### FatMax® Backsaw – Blade

Length: 355mm. Designed for precise cutting including: dovetails, miters and tenons.

Part Number: 17.202



# HAND TOOLS

**STANLEY**

**FatMax**



## FatMax® Flooring Saw (Fine Cut)

Length: 300mm. Designed for cutting laminate, veneer and wood flooring.

Part Number: 17.204

**STANLEY**

**FatMax**



## FatMax® PVC Saw

Length: 300mm. Designed for cutting plastic PVC pipe, ideal for electricians and plumbers.

Part Number: 17.206

## SAWS - JABSAW

**STANLEY**

**FatMax**



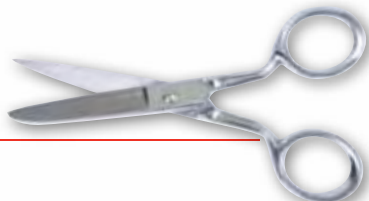
## FatMax® Jabsaw

Length: 152mm. Fatmax Jabsaw's Sharptooth. Cuts 50% faster on both push and pull strokes. Cuts wood, plastic and drywall.

Part Number: 20.556

## SCISSORS

**FAMOUS TOLEDO**  
EXCELLENCE BY DESIGN



## Scissors

- High quality scissors
- All nickel plated, forged steel

Part Number	Length	Part Number	Length
806CD	150mm	1008CD	200mm

## SCISSORS - HOUSEHOLD

**Sterling**



## 8" Black Panther Scissors

- Professional quality stainless steel blades with one edge serrated
- Ambidextrous comfort grip handles
- Ideal for fibreglass, haberdashery, upholstery, etc.

Product Code: 29-800

**Sterling**



## 11" Black Panther Shears

- Professional quality stainless steel blades with one edge serrated
- Ambidextrous comfort grip handles
- Ideal for fibreglass, haberdashery, upholstery, etc.

Product Code: 29-915

## SCISSORS - TAILORS

**Sterling**



## Tailoring Shears

- Highest quality drop forged carbon steel blades
- Stay set pivot allows for sharpening and tension adjustment
- Pointed blades for maximum accessibility
- 8", 12", 10" left handed and industrial S/S styles available

Product Code: 8" 78-408 and 10" 78-410

## SCISSORS - UTILITY SHEARS

**SIDCHROME**



## Heavy Duty Scissors

Designed for right-handers. Fibreglass reinforced handles. Stainless steel blades for long life and precision cutting. Ergonomic AntiSlip handle. Angled blade, to keep hand away from cutting area. Ideal for long length cutting. 12 month warranty.

Part Number: 28562

**Wiss**



## Easy Snip Utility Shear

- Spring-loaded blades for reduced fatigue on repeated cuts
- Soft-touch co-moulded handles for maximum comfort
- 420 Stainless blades provide maximum corrosion resistance
- Wire cutter notch for easy cutting of light-gauge wire
- Safety-latch locks blades closed for storage
- Heavy-duty design is perfect for shop, garden and craft jobs
- Lightweight 229mm / 9" shears presented in attractive retail packaging

Material No. WEZSNIP

## SCRAPERS - FLOOR

**SPEAR & JACKSON**



## Floor Scrapers

- High quality carbon steel blade
- 1350mm tubular steel handle
- Blades are replaceable (sold separately)

Product Code	Size	Product Code	Size
SJ-FS200	200mm x 125mm	SJ-FS356	356mm x 125mm
SJ-FS300	300mm x 125mm	SJ-FS500	500mm x 125mm



## Floor Scrapers

- Used for general cleaning and scraping, including cement boards
- Blade made from 316 stainless steel (food, surgical and marine grade)
- Easily replaceable press fit double sided blade for double life
- Tee handle for good control and ease of use
- Replacement blades available
- \* Warning wear safety goggles user and bystander

Part Number	Description	Weight
5SF150	150mm T-handle Floor Scraper comes with 316 Stainless Steel Blade	1.62Kg
5SF200	200mm T-handle Floor Scraper c/w 316 Stainless Steel Blade	1.75Kg
5SF300	300mm T-handle Floor Scraper c/w 316 Stainless Steel Blade	2.06Kg



## SCRAPERS - FLOOR - BLADES



### Floor Scraper Blades

- Used for general cleaning and scraping, including cement boards
- Made from 316 stainless steel (food, surgical and marine grade)
- Double sided for double life
- For use with t-handle floor scraper
- \* *Warning wear safety goggles user and bystander*



Part Number	Description	Weight
5SFB150	150mm 316 Grade Stainless Steel Blade for Floor Scraper	0.15kg
5SFB200	200mm 316 Grade Stainless Steel Blade for Floor Scraper	0.23kg
5SFB300	300mm 316 Grade Stainless Steel Blade for Floor Scraper	0.30kg

## SCRAPERS - GASKET



### Dominator Heavy Duty Carbon Scrapers

- Used for scraping carbon from cylinders heads, pistons and other metal surfaces
- Cleaning gasket material, adhesives and all general scraping in automotive and engineering applications

Part No.	Blade Size	Part No.	Blade Size
42004	13mm	42006	25mm
42005	19mm	42007	38mm
60001	4 Piece Dominator Carbon Scraper Set includes all above		

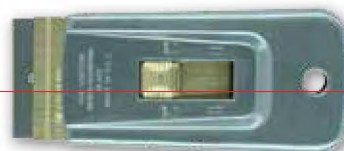
## SCRAPERS - UTILITY



### Brass Button Scraper

- Heavy duty metal scraper
- Highest quality made in USA
- Takes single edge blades
- Full range of scrapers for cleaning and flooring available

Product Code: 80-200



## SCRAPERS - FLOOR AND WALL



### 4" Heavy Duty Scraper

- Floor and wall scraper ideal for tough applications
- 12" handle with comfortable rubber grip
- 3 screws hold blade securely in place preventing blade slippage
- 18" and 48" handle lengths available

Product Code: 14-010



## SCRAPER - WINDOW



### Window Scraper

Length: 178mm. Ideal for scraping paint from windows, mirrors, tiles and other flat surfaces. Includes 11.921 utility blade.

Part Number: 28.593



## SCREWDRIVER - IMPACT - SET



### Impact Driver

- Knurled handle
- 6 piece set includes 1/2" DR attack drivers, 2 x slotted bits and 2 x Phillips bits

Product Code: KOAN112A



### Impact Driver Kit

Use with hammer to loosen tight screws and bolts. Suits any 1/2" drive impact socket or 8mm hex screwdriver bit. Supplied with: Slotted 8 and 10mm and Phillips No.2 and 3.

Part Number: 70552



## SCREWDRIVERS - INDIVIDUAL



### Cushion Grip Screwdrivers

Part No.	Description	Size	Part No.	Description	Size
65.157	#0 Phillips®	60mm	65.180	Standard	75 x 3mm
65.162	#1 Phillips®	75mm	65.183	Standard	150 x 3mm
65.163	#1 Phillips®	100mm	65.187	Standard	100 x 5mm
65.164	#1 Phillips®	150mm	65.188	Standard	150 x 5mm
65.166	#2 Phillips®	45mm	65.190	Standard	45 x 6.5mm
65.167	#2 Phillips®	100mm	65.191	Standard	100 x 6.5mm
65.169	#2 Phillips®	150mm	65.193	Standard	150 x 6.5mm
65.171	#2 Phillips®	250mm	65.196	Standard	150 x 8mm
65.172	#3 Phillips®	150mm			
65.173	#3 Phillips®	200mm			



### Acetate Handled Standard Tip Thru-Tang

Part Number	Size	Part Number	Size
65.570	143mm x 6.5mm	65.572	250mm x 10mm
65.571	200mm x 8mm	65.573	300mm x 10mm
65.596	200mm x 10mm		





# HAND TOOLS

**STANLEY**

## Acetate Handled Standard Square Blade

Part Number	Size	Part Number	Size
65.561	200mm x 10mm	65.563	300mm x 12mm

**STANLEY**

## Acetate Handled Standard Tip

Part Number	Size	Part Number	Size
65.545	45mm x 3mm	65.547	150mm x 6mm
65.540	75mm x 4mm	65.548	200mm x 6mm
65.586	100mm x 4mm	65.549	150mm x 8mm
65.541	150mm x 4mm	65.550	200mm x 8mm
65.542	100mm x 5mm	65.551	250mm x 8mm
65.543	150mm x 5mm	65.589	300mm x 8mm
65.544	200mm x 5mm	65.553	250mm x 10mm
65.555	40mm x 6mm	65.554	300mm x 10mm
65.546	100mm x 6mm		

**STANLEY**

## Acetate Handled Phillips®

Part Number	Description	Size
65.520	#0 Phillips®	60mm
65.521	#1 Phillips®	45mm
65.582	#1 Phillips®	75mm
65.522	#1 Phillips®	100mm
65.583	#1 Phillips®	150mm
65.523	#2 Phillips®	45mm
65.584	#2 Phillips®	100mm
65.524	#2 Phillips®	150mm
65.585	#2 Phillips®	200mm
65.525	#3 Phillips®	150mm

## SCREWDRIVERS - JEWELLERS



### Screwdriver Set - Jewellers

- Designed to carry out fine, delicate work by toolmakers, jewellers, watch makers, instrument engineers and opticians
- Blade sizes match all commonly used slotted screws
- 110mm (4.5/16") overall length when fitted with blade
- Set contains screwdriver and six interchangeable blades with widths 0.6mm to 2.5mm

Product Code: EC-777/2



## SCREWDRIVERS - PRECISION

**STANLEY**

### Cushion Grip Precision Screwdriver Set - 6 Piece

Six precision screwdrivers feature swivel-head handles. Tough plastic shafts and soft cushion grip allow for greater comfort. Plastic storage case to index tools. Designed to clip into lid of 67.750 & 65.005 screwdriver sets.

Part Number: 66.052



### Screwdrivers Precision

- Comfortable two component solid core handle with a free spinning end cap
- Handle hole for hanging or inserting a lever to increase torque
- Precision made black tipped blades

Part No.	Description
24096156	1.5/2.0/2.5/3.0 - PH000/00/0

## SCREWDRIVER - SETS

**STANLEY**

### Tamperproof Bit Kit - 31 Piece

Wide selection of tamperproof screwdriver bits for all your security fastening applications. Ergonomic driver for comfortable grip and ease of use.

Part Number: 68.0001



CK4741MS

CK4742S



### VDE 1000 Volt Screwdriver Sets

Product Code	Description
CK4741MS	Contains 2 slotted, 2 Phillips and a mainstester
CK4742S	Contains 4 slotted, 3 Phillips and a mainstester



### 21 Piece T-Handle Ratcheting Screwdriver

T-Handle Ratcheting Screwdriver. 1/4" x 100mm long knurled shaft. 1/4" x 50mm long knurled shaft. Bits S2 Nickel Plated: Phillips®: 1, 2, 3. Pozidrive®: 1, 2, 3. Torx®: 10, 15, 20, 25, 27. Slotted: 4, 5.5, 6. Hex Head: 3, 4, 5. 1/4" Hex - 1/4" Square Drive Adaptor

Part Number: 29570

**STANLEY**

### Cushion Grip Screwdriver Set - 10 Piece

Cushion grip handles for comfort and ease of use. Chrome vanadium blades with precision profiled magnetised tips for lasting efficiency. Lid now designed to accommodate 66.052 precision set.

Part Number: 65.005





**STANLEY®**

### Carded Cushion Grip Screwdriver Set - 6 Piece

Cushion grip handles for comfort and ease of use. Chrome vanadium blades with precision profiled magnetised tips for lasting efficiency.

**Part Number: 65.242**

**STANLEY®**

### Cased Acetate Screwdriver Set (T186) - 14 Piece

Extruded high impact cellulose acetate handles. Chrome vanadium blades with precision profiled magnetised tips for lasting efficiency.

**Part Number: 65.750**

**STANLEY®**

### Cased Acetate Screwdriver Set - 20 Piece

Extruded high impact cellulose acetate handles. Chrome vanadium blades. Magnetised tips.

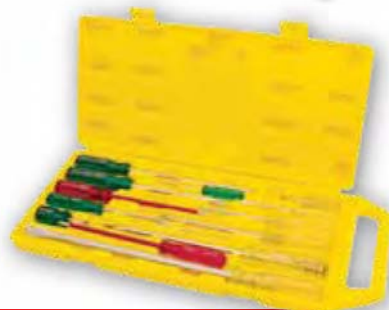
**Part Number: 65.750A**

**STANLEY®**

### Industrial Acetate Screwdriver Set - 14 Piece

Designed for industrial use. More Phillips® drivers than the 65.750: Tang-Thru driver, large square blade driver and 2 sheathed drivers. Cellulose acetate handles for superior strength and durability.

**Part Number: 65.8000**

**SIDCHROME®**

### 8 Piece Thru Tang Super Heavy Duty Screwdriver Set

High impact cellulose acetate handle. Continuous Thru Tang. Striking end cap. Chrome vanadium steel blade. Hardened magnetic tip. Square blade.

**Part Number: 29110**

**STANLEY®**

### Multibit Ratcheting Screwdrivers - 10 Piece

Bit storage system for easy visibility. Spring loaded, hard wearing, ball bearing mechanism for quick and easy access to bits. Magnetic bit holder. Plated for rust resistance.

**Part Number: 68.010**

**Part Number: 68.0102** - comes with 8 original bits and 10 new security bits including Tamperproof Torx™, Tri Wing and Tamperproof Hex bits.

**SIDCHROME®**

### 10 Piece Ergonomic Screwdriver Set

5 Phillips® Screwdrivers: 75mmx#0, 75mmx#1, 40mmx#2, 100mmx#2, 150mmx#3. 5 Standard Screwdrivers: 75x3.2mm, 100x4.75mm, 40x6.35mm, 100x6.35mm, 150x7.9mm

**Part Number: 29102**

**Crescent®**

### Screwdriver Sets Pro Series Kits

The Crescent Screwdriver Kits include a range of the most popular screwdrivers for both trades and handyman use. A range of Regular Slotted and Phillips for the largest to the smallest use.



Material No.	Description
CPZ13	13 Piece Kit - Pozidrive
CS13	13 Piece Kit - Standard
CS31	31 Piece Kit - Standard

**Crescent®**

### 52 Piece Screwdriver Set

**Set contains:** 5 x Slotted, 4 x Phillips, 7 x Precision, 16 x Driver Bits, 8 x Hex Driver Bits, 8 x Torx Driver Bits, Magnetic Bit Holder, Bit Adaptor, Flexible Extension Shaft, Telescopic Magnetic Pick Up Tool

**Material No. CSD52MP**





# HAND TOOLS



## Screwdrivers Professional

- Ergonic® soft cell gel handle moulds and shapes to fit perfectly into the hand of the user to reduce stress and fatigue whilst increasing comfort and torque
- Uninsulated as well as VDE1000v Fully Insulated



Part No.	Description
41093148	Ergonic Screwdriver SL/PH Set - 3 Piece
41096148	Ergonic Screwdriver SL/PH Set - 6 Piece
40893148	Ergonic Screwdriver TORX Set - 3 Piece
40896148	Ergonic Screwdriver TORX Set - 6 Piece
41393194	Ergonic VDE 1000V Screwdriver Set - 3 Piece
41396198	Ergonic VDE 1000V Screwdriver Set - 6 Piece



## Screwdrivers Professional

- Comfortable two component contoured elastomer handle with a frictionless ball end and deep thumb supported neck
- Handle hole for inserting a lever for increased torque or for hanging
- Solid core handle absorbs impacts
- Uninsulated as well as VDE 1000V fully insulated

Part No.	Description
50093414	Screwdriver 2 Comp Handle SL/PH Set
50095118	Screwdriver 2 Comp Handle SL/PH Set
50796148	Screwdriver Security 507 TORX Set
51393114	Screwdriver VDE 1000V 2 Comp Handle Set - 3 Piece
51397798	Screwdriver VDE 1000V 2 Comp Handle Set - 7 Piece



## Screwdriver Box Sets

- VDE 1000v insulated screwdrivers and non insulated
- Individual blades that fit into a handle
- Exceeds DIN EN 60900 and IEC 900 stands for electrical screwdrivers
- Blade tips:
  - Phillips® 1.0/2.0/3.0
  - Torx® 6.0/7.0/8.0/9.0/10.0/15.0/20.0/25.0/30.0/40.0
  - PoziDriv® 1.0/2.0/3.0
  - Slotted 2.5/3.0/3.5/4.0/5.0/5.5/6.5/7.0
  - Hex 3.0/4.0/5.0/6.0

Part No.	Description
06391306	ESMART VDE 1000V Screwdriver Set - 13 Piece
06090904	SMART POUCH Screwdriver Set SL/PH/PZ/SW/TX
06091306	SMART BOX Screwdriver Set SL/PH/PZ/SW/TX

## KC TOOLS PROFESSIONAL

### 13 Piece Screwdriver Set

- 7 Blade: 3.0 x 75, 4.0 x 100, 5.5 x 125, 6.5 x 150, 8.0 x 150, 10 x 200 and 6.5 x 25mm
- 6 Phillips: No.0 x 60, No.1 x 80, No.2 x 100, No.2 x 200, No.3 x 150 and No.2 x 25mm

Part Number: 16302



## KC PRO-AM

### 13 Piece Screwdriver Set

- Blade: 8 x 200, 8 x 150, 6 x 150, 6 x 100, 5 x 150, 5 x 100, 6 x 38 and 3 x 75mm
- Phillips: No.3 x 150, 2 x 100, 0 x 75, 2 x 38 and 1 x 75mm

Part Number: SD13



## KINCROME

### 6-in-1 Ratchet Screwdriver

- Ergonomic handle with non-slip rubber grip
- Chrome plated bits and shaft for rust resistance and durability
- 2 blade, 2 Phillips and 2 socket

Part Number: K5000



## KINCROME

### 13-in-1 Ratchet Screwdriver

- Heavy duty, non-slip rubber aluminium handle
- Extension bit holder
- 3 Position ratcheting mechanism
- Chrome Vanadium bits
- 4 Blade, 4 Phillips, 2 Torx®, 2 Pozi

Part Number: K5004



## KINCROME

### 8 Piece Screwdriver Set

- New improved blade SVCM (S3) Silicone Steel
- The unique ergonomic TorqueMaster Screwdriver dovetails with the hand and its pressure areas to transmit maximum torque

Part Number: 32061



## KINCROME

### 13 Piece Screwdriver Set

- New improved blade SVCM (S3) Silicone Steel
- The unique ergonomic TorqueMaster screwdriver dovetails with the hand and its pressure areas to transmit maximum torque

Part Number: 32064







### 'Go Through' Screwdriver Set

- 12 piece: 6 blade, 6 Phillips
- Includes hex bolster
- Magnetic tip

Part Number: 32069



### Screwdriver Set - 14 Piece

- Acetate handles for greater strength and durability
- Chrome Vanadium shafts
- Magnetic tips
- Round shank
- Heat treated, chrome alloy steel blades

Part Number: K5053



### Kraftform® Plus 300

- Features the ergonomic Kraftform® handle
- Lasertip® technology to avoid slipping
- Specially coated and hardened steel blades



Part Number	Description
05 105650 001	Six piece Slotted and Phillips Screwdriver set



### Kraftform® Plus 900 Chiseldriver

- For fastening, chiselling and loosening seized screws
- Integrated splinter proof impact cap
- Special pound-thru hexagonal blade



Part Number	Description
05 018282 001	Six piece Slotted and Phillips Screwdriver set



### Kraftform® Classic Screwdriver Set

- Features the ergonomic Kraftform® handle
- Quality blades



Part Number	Description
05 031280 001	Six piece Slotted and Phillips Screwdriver set



### 7 Piece Insulated Screwdriver Set 1000V

- Chrome molybdenum vanadium steel shaft provides durability
- Anti-roll handle design
- Specially treated black oxide blades eliminate light reflection, for precision fit.
- Thumb bolster allows added downward force
- Narrow pinch grip for comfort and control
- Wide ergonomically designed handle allows sustained high torque with minimal muscle fatigue

Material No. CS7-1000V



## SCREWDRIVERS - THRU TANG



### Thru Tang Screwdrivers

High impact cellulose acetate handle. Continuous Thru Tang. Striking end cap. Chrome vanadium steel blade. Features a hardened magnetic tip. Square blade

Part No.	Description	Size	Part No.	Description	Size
29080	#1 Phillips®	75mm	29070	Standard	5x100mm
29081	#2 Phillips®	100mm	29071	Standard	16x150mm
29082	#2 Phillips®	150mm	29072	Standard	8x200mm
29083	#3 Phillips®	200mm	29073	Standard	10x250mm

## SCREWDRIVERS - TORQUE



### Micro-Adjustable Torque Screwdrivers

#### Features:

- Window scale
- Positive locking pull down adjustment knob
- Universal 1/4" hex driver
- Ergonomic tri-lobular comfort grip
- Strong rare earth magnet
- Cam-over torque limiting clutch
- Easy to read window scale
- Light weight for ease of use



Part Number	Range	Width x Length	Weight
61SM	20 - 100 in.oz	28 x 117 mm	.250
151SM	3 - 15 in.lbs	28 x 117 mm	.250
401SM	5 - 40 in.lbs	32 x 130 mm	.280



### Pre-Set Torque Screwdrivers

#### Features:

- Ergonomic tri-lobular comfort grip
- Rugged, light weight aluminium body
- Strong rare earth magnet
- Fasteners can't be over-torqued
- Cam-over torque limiting clutch
- Stainless steel 1/4" hex driver
- May be ordered pre-set from factory



Part Number	Range	Width x Length	Weight
21SP	6 - 32 in.oz / 4-22Ncm	28 x 115 mm	.250
61SP	10 -100 in.oz / 7-70Ncm	28 x 142 mm	.300
151SP	1.5 - 25in. lbs / 15-170Ncm	32 x 142 mm	.300
401SP	4 - 40in.lbs / 45-450Ncm	30 x 152mm	.325



# HAND TOOLS

## SCRIBERS



### Scriber

- Stainless steel 45° angle pick and straight points
- Length 225mm

Part Number: 301085



### Scribers

- Double ended with knurled body for marking and scoring

Part Number	Length	Description
MS7	190mm	Standard
MSH8	230mm	Heavy Duty



### General Machinists Scriber

- Fixed 2 point Scriber. One straight point and one bent point

Part Number	Description	Size
GEN80	Machinists Scriber Fixed 2 Point	216mm



### General Scriber

Tungsten Carbide Point Scriber with magnet. Marks hard materials including hardened steel, ceramics and glass. Overall length 150mm.

Part Number	Description	Size
GEN88CM	General Pocket Scriber With Magnet	150mm



## SECURITY SPRING HOOKS



### Security Spring Hooks

- For securing tools when working at high levels
- Stainless steel wire, PU Coated
- Spring hooks attach to belt and tool to prevent tools from falling

Part Number	Load Weight	Working Length	Extends to
301907	5kg	430mm	1400mm
301908	10kg	600mm	1800mm



## SHEARS - MULTI-PURPOSE



### Heavy Duty Universal Shears - Straight

Highly versatile - suited to: PVC, cardboard, rubber, cable ties, leather, thin sheet steel, aluminium, electric cable. Sharp, serrated stainless steel edges. Soft rubber grip with "2 position hand grip lever". Safety lock. 12 month warranty.

Part Number: 28560



### Heavy Duty Universal Shears - Bent

Suited to: PVC, cardboard, rubber, cable ties, leather, thin sheet steel, aluminium, electric cable. Sharp, serrated stainless steel edges. Soft rubber grip with "2 position hand grip lever". Safety lock. 12 month warranty.

Part Number: 28561



## SNIPS - AVIATION



### MaxSteel™

### MaxSteel™ Aviation Snips

Exceeds ANSI standards for cutting performance and durability. Double overwind spring for longer life. Slip-resistant bi-material palm cushion grip. One-handed automatic latch release. Ideal for cutting aluminium, sheet metal, vinyl siding, screening, cardboard, leather and copper.



Part Number	Description	Colour
14.562	Left Cut	Red
14.563	Straight Cut	Yellow
14.564	Right Cut	Green
14.566	Long Straight Cut	Yellow
14.567	Offset Left Cut	Red
14.568	Offset Right Cut	Green



### Metalmaster Snips

- Non-slip serrated jaws
- Compound lever action
- Self-opening action
- Handles high strength steel
- Grips non-slip and textured
- Protective safety latch
- Withstand severe strain of cutting heavy stock and tight curves



Material No.	Description
M1RAU	Cuts Left - Red Grips 248mm/9 3/4"
M2RAU	Cuts Rights - Green Grips 248mm/9 3/4"
M3RAU	Cuts Straight and Slight Curves L and R Yellow Grips 248mm/9 3/4"



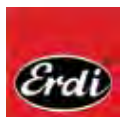
### Special Aviation Snips - Cuts Stainless Steel

- For hard metals - eg. stainless steel
- Specially hardened exotic materials
- Capacity in stainless steel 18 gauge (12mm)



Material No.	Description
M1RS1	Cuts Left - Blue Grips 248mm/9 3/4"
M2RS1	Cuts Rights - Blue Grips 248mm/9 3/4"





### Snips Aviation/Compound Action

- Double induction hardened forged satin chrome vanadium heads with serrations for cutting stainless steel up to 1.2mm and sheet metal up to 1.8mm

Part No.	Description	Size
D16	Aviation Compound Action Right Cut	240mm
D16S	Aviation Compound Action Right Cut	240mm
D16L	Aviation Compound Action Left Cut	240mm



### Aviation Snips

All Midwest blades are made from hot drop-forged moly alloy steel and heat treated to provide a strong, longer lasting cutting edge. Top and bottom blades are serrated at optimum 40 serrations per inch to grip material without making large "teeth marks" on cut edge. Snips are manufactured with a Grade 8 centre bolt for easy adjustment and a heavy duty double over wound spring for durability.

#### Regular Cutting Pattern

Midwest Regular Snips are available in three blade patterns. Capacity to cut up to 18 gauge cold rolled sheet metal and up to 22 gauge stainless steel sheet metal.

Part Number	Description	
MWP6716-L	Best suited for making tight cuts straight and to the left.	
MWP6716-R	Best suited for making tight cuts straight and to the right.	
MWP6716-S	Best suited for making straight cuts and wide curves to the left and right.	



### Offset Cutting Pattern

Midwest Offset Snips are designed to keep the user's hands above the material and flow material away from blades. Capacity to cut up to 18 gauge cold rolled sheet metal and 22 gauge stainless steel sheet metal.

Part Number	Description
MWP6510-L	Best suited for making long cuts straight and to the left.
MWP6510-R	Best suited for making long cuts straight and to the right.
MWP6510-S	Best suited for making long straight cuts.



### Snips - Aviation

- Dropped forged alloy steel serrated blades for a longer cutting life
- Spring loaded handles for a fast, smooth cutting action
- Soft grip handles for comfort and grip
- One handed automatic release of safety catch when handles are squeezed

Product Code	Style	Product Code	Style
EC-EAS-L	Left & Straight Cut	EC-EAS-S	Straight & Wide Cut
EC-EAS-R	Right & Straight Cut	EC-EAS-SL	Extra Cut Straight & Wide Curves



### Aviation Snips

- Manufactured with drop forged, chrome moly steel, double serrated blades
- Blades are scientifically heat treated for strength, toughness and durability
- Cuts up to 18 gauge, cold rolled sheet steel

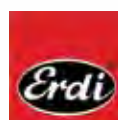
Part Number	Length	Description	Colour
301120	250mm	Left Cut	Red
301121	250mm	Straight Cut	Yellow
301122	250mm	Right Cut	Green

## SNIPS - COMPOUND



### Compound Action Snips

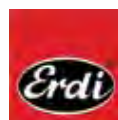
Material No.	Description
M300	Compound Action, Long Blade Snips, Blade 80mm
M400	Compound Action Offset Snips, Blade 75mm



### Snips Heavy Duty Compound Action - Off Set

- Double induction hardened forged chrome vanadium heads with serrations ensure a keener edge and longer cutting life.
- Suitable for stainless steel up to 1.2mm and sheet metal up to 1.8mm

Part No.	Description	Size	Part No.	Description	Size
D08-SB	Right Cut	210mm	D27A-SB	Right Cut	260mm
D08L-SB	Left Cut	210mm	D27AL-SB	Left Cut	260mm



### Snips Compound Action Long Cut

- Offset left cut snip with double induction hardened forged chrome vanadium heads. Over 60mm of cut for cutting stainless steel up to 0.8mm, sheet metal and wire up to 1mm and soft non ferrous metal up to 1.2mm

Part No.	Description	Size
D22A	Straight & Left Cut	280mm

## SNIPS - GENERAL PURPOSE



### 8" Black Panther Snips

- Ultimate versatility with a snip for every application
- High quality stainless steel blades with one edge serrated
- Comfort soft grip handle
- Safe and practical alternative to knives
- 200mm overall length

Product Code: 29-700



# HAND TOOLS

**Sterling**

## 7" Hi-Tensile Snips

- Ultimate versatility with a snip for every application
- High Tensile stainless steel blades with one edge serrated
- Comfort soft grip handle
- Safe and practical alternative to knives
- 185mm overall length

Product Code: 29-702

**Sterling**

## 7" Black Panther Snips

- Ultimate versatility with a snip for every application
- High quality stainless steel blades with one edge serrated
- Comfort soft grip handle
- Safe and practical alternative to knives
- 185mm overall length

Product Code: 29-701

## SNIPS - JEWELLERS



### Snips - Jewellers

- Resharpenable induction hardened precision hollow ground blades
- Drop forged carbon steel handles
- Integrated stops for added safety
- Ideal for cutting copper, silver and gold
- Hard wearing enamel finish

Product Codes: 7" Curved - EC-ESJ7C, 7" Straight - EC-ESJ7S

## SNIPS - NOTCHING

**Wiss**



### Bulldog Snips

- For notching or trimming extra heavy stock
- Non-slip, serrated jaw made of tough molybdenum steel
- Spring-action for fast, effortless feed
- Handle high tensile strength alloy steel
- Safety latch
- Cuts low carbon cold rolled steel
- Bulldog for notching, red grips 248mm / 9" 3/4

Material No. M5R

## SNIPS - OFFSET

**Wiss**



### Offset Snips

- M6R cuts left and straight
- M7R cuts right and straight
- Offset blades keep hands clear of metal
- Non-slip serrated jaw of molybdenum steel for compound lever action
- Withstands strain of cutting heavy stock and tight curves
- Spring-action for fast, effortless feed
- Handle of high tensile strength alloy steel exceeds hand power limit
- Non-slip, textured grips and safety latch for superior control
- Cuts low carbon cold rolled steel
- Handy hang-up hole

Material No.	Description
M6RAU	Cuts Left - Red Grips 233mm / 9" 1/4
M7RAU	Cuts Right - Green Grips 233mm / 9" 1/4



**Wiss**



### Offset Snips Metalmaster Vertical

- Vertical offset blades keep hands clear of material
- Ideal for increased reach in overhead projects or ground-level cutting
- Cuts low carbon cold rolled steel and other heavy duty gauge materials
- Non-slip serrated jaw blades

Material No.	Description
M8R	Cuts Straight to Left - Red Grips 216mm / 8" 1/2
M9R	Cuts Straight to Right - Green Grips 216mm / 8" 1/2



## SNIPS - PIPE & DUCT

**Wiss**



### Pipe and Duct Snips

- Cuts curves, straight or any combination
- Cuts ducts, seams, sheet metal, vinyl tiles and plastic laminates
- Ball-bearing jaw action automatically adjusts blade clearance
- Handle of high tensile strength alloy steel
- Safety latch
- Spring-action
- Cuts low carbon cold rolled steel
- Yellow grips 216mm / 8" 1/2

Material No. M41R



## SNIPS - TIN



### Snips - General Purpose

- Resharpenable induction hardened precision hollow ground blades
- Drop forged carbon steel handles
- Integrated stops for added safety
- Hard wearing enamel finish
- Ideal for cutting sheet metal

Product Code	Size
EC-ESGP8	8"
EC-ESGP10	10"

Product Code	Size
EC-ESGP12	12"
EC-ESGP14	14"



**GROZ**

### Tin Snips - General Purpose

- Drop forged from chrome vanadium steel
- Blades hardened, tempered and precisely ground for extended life
- Special design of handle prevents hands from being nipped

Part Number	Length
32331	250mm
32332	300mm





## RATCHETS - SOCKET



### 1/4" Ratchet

45 Tooth mechanism for a 8° arc swing Male, Reversible, 145mm

Part Number: 12905



### 1/4" Microtough Ratchet

Smallest ratchet head in the industry 72 Tooth gear for a small 5° arc swing. Male, Reversible, 140mm

Part Number: 12919



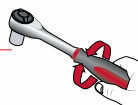
### 1/4" Rotator Ratchet

Twist action handle, rotates with 0° swing 60 Tooth gear for a small 6° arc swing Male, Dual Function, 185mm

Part Number: 12914



**Rotator™**



### 3/8" Reversible Ratchet

30 Tooth mechanism for a 12° arc swing, Quick-Release, Male, 195mm

Part Number: 13906



### 3/8" Microtough Ratchet

Smallest ratchet head, access to confined areas, 72 Tooth gear for a small 5° arc swing, Reversible, Male, 205mm

Part Number: 13919



**Rotator™**

### 3/8" Rotator Dual Function

Twist action handle, rotates with 0° swing. 60 Tooth gear for a small 6° arc swing. Dual Function, Male, 225mm.

Part Number: 13914



### 3/8" Swivelling Head Ratchet

Head can be pre-set, when head is set "straight" the ratchet can be used like a screwdriver 72 Tooth gear for a small 5° arc swing. Male, 265mm.

Part Number: 13904



### 1/2" Reversible Ratchet

36 Tooth mechanism for a 10° arc swing Quick-Release, Male, 250mm

Part Number: 14906



### 1/2" Microtough Ratchet

Smallest ratchet head, access to confined areas 72 Tooth gear for a small 5° arc swing Reversible, Male, 250mm

Part Number: 14919



### 1/2" BigFella Ratchet

36 Tooth mechanism for a 10° arc swing Quick-Release, Male, 425mm

Part Number: 14904



### 1/2" Reversible Ratchet Accessory

60 Tooth gear for a small 6° arc swing, 180° Swivel head, T Bar handle Male, 340mm

Part Number: 14907



### 1/2" Compact Head Ratchet

Fully sealed head to keep out dust and dirt. Heavy duty 72 tooth design manufactured for industrial environments. Tested to 40,000 cycles at 300Nm load. Unique square section O-rings. Maintenance free.

Part Number: 14910



### 1/2" DR Ratchet

- Stubby Flex Head
- Auto-eject
- CR-V

Part Number: NH10



### 3/4" Reversible Ratchet

24 Tooth mechanism for a 15° arc swing, Reversible, Male, 500mm

Part Number: 15950



### Quick Release Ratchet Handles

- 72 teeth ratchet allows use in confined spaces
- Finger control disk provides one hand operation



Part Number	Description
301401	1/4" sq drive
301402	3/8" sq drive
301403	1/2" sq drive



### Zyklop Ratchets

- The unbelievably fast Zyklop ratchet
- 3 times faster than conventional ratchets
- Five ratchet types in one tool, plus also functions as a screwdriver
- Swivelling head for ratchet flexibility



Part Number	Type	Drive	Length
05 003500 001	○	1/4"	152mm
05 003550 001	○	3/8"	199mm
05 003600 001	○	1/2"	277mm



# HAND TOOLS

## SOCKET - ADAPTORS



### 3/8" Adaptor

3/8" Female to 1/4" Male

Part Number: 19155



### 3/8" Adaptor

3/8" Female to 1/2" Male

Part Number: 19157



### 1/2" DR F to 3/8" DR M

• CR-V

Part Number: AKC1238



### 1/2" DR F to 3/4" DR M

• CR-V

Part Number: AKC1234



### 1/2" Adaptor

1/2" Female to 3/8" Male

Part Number: 19156



### 1/2" Adaptor

1/2" Female to 3/4" Male

Part Number: 19159



### 3/4" Adaptor

3/4" Female to 1/2" Male

Part Number: 19158



### 3/4" Adaptor

3/4" Female to 1" Male

Part Number: 19160

## SOCKETS - OFFSET HANDLE



### 1/4" Adjustable Offset Handle

145mm

Part Number: 12908



### 3/8" Adjustable Offset Handle

220mm

Part Number: 13925



### 1/2" Adjustable Offset Handle

Part Number	Description	Length
14930	1/2" Adjustable Offset Handle	220mm
14931	1/2" Adjustable Offset Handle	300mm
14932	1/2" Adjustable Offset Handle	375mm
14933	1/2" Adjustable Offset Handle	450mm



### 1/2" Extra Long Adjustable Offset Handle

Extra long handle for increased leverage

Chrome Molybdenum Head, Soft Feel Rubber Grip

Part Number	Description	Length
14947	1/2" Extra Long Adjustable Offset Handle	600mm
14948	1/2" Extra Long Adjustable Offset Handle	750mm



### 3/4" Adjustable Offset Handle

• 500mm

Part Number: 15954

## SOCKETS - ELL HANDLE



### 1/2" Ell Handle

190mm

Part Number: 14941

## SOCKET - EXTENSION



### 1/4" Extension

Male and Female, 50mm

Part Number: 12906

### 1/4" Extension

Male and Female, 150mm

Part Number: 12907



### 3/8" Extensions

Part Number	Description	Length
13915	3/8" Extension, Male & Female	75mm
13916	3/8" Extension, Male & Female	150mm
13917	3/8" Extension, Male & Female	250mm
13918	3/8" Extension, Male & Female	500mm



### 3/8" Extensions Wobble\*

Allows sockets to be driven at up to 15° angle. Angle or Wobble extensions have a modified male end enabling you to turn a fastener with the extension at an angle of up to 17°.

Part Number	Description	Length
13920	3/8" Extension Wobble*, Male & Female	75mm
13921	3/8" Extension Wobble*, Male & Female	150mm
13922	3/8" Extension Wobble*, Male & Female	250mm



## SIDCHROME®

### 1/2" Extension

Double Male, 40mm

Part Number: 14925



## KC TOOLS® PROFESSIONAL



### 1/2" DR Extension Bars

• CR-V

Part Number	Description	Size
ZDA16	1/2" DR Extension Bar	50mm
ZDA17	1/2" DR Extension Bar	125mm
ZDA18	1/2" DR Extension Bar	250mm
ZDA19	1/2" DR Extension Bar	375mm
ZDA20	1/2" DR Extension Bar	500mm

## SIDCHROME®

### 1/2" Extensions

Allows sockets to be driven at up to 15° angle

Part Number	Description	Length
14916	1/2" Extension, Male & Female	125mm
14917	1/2" Extension, Male & Female	250mm
14918	1/2" Extension, Male & Female	500mm

## KC TOOLS® PROFESSIONAL



### 1/2" DR Wobble Extensions

• CR-V

Part Number	Description	Size
WB32	1/2" DR Wobble Extension Bar	125mm
WB34	1/2" DR Wobble Extension Bar	250mm
WB36	1/2" DR Wobble Extension Bar	500mm

## SIDCHROME®

### 1/2" Extensions Wobble\*

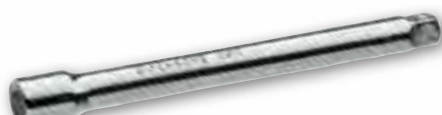
Angle or Wobble extensions have a modified male end enabling you to turn a fastener with the extension at an angle of up to 17°.

Part Number	Description	Length
14920	1/2" Extension Wobble*, Male & Female	70mm
14921	1/2" Extension Wobble*, Male & Female	150mm
14922	1/2" Extension Wobble*, Male & Female	250mm

## SIDCHROME®

### 3/4" Extensions

Part Number	Description	Length
15951	3/4" Extension, Male & Female	100mm
15952	3/4" Extension, Male & Female	200mm
15953	3/4" Extension, Male & Female	400mm



## SOCKET - SLIDING HANDLE

## KC TOOLS® PROFESSIONAL



### 1/2" DR Sliding T Bar

• CR-V

Part Number: ZDA410

## SIDCHROME®

### 3/8" Sliding T-Handle

• 200mm

Part Number: 13928



## SIDCHROME®

### 1/2" Sliding T-Handle

• 240mm

Part Number: 14935



## SIDCHROME®

### 3/4" Sliding T-Handle

• 450mm

Part Number: 15955



## SOCKET - SPEED BRACE

## KC TOOLS® PROFESSIONAL

### 1/2" DR Speed Brace

• CR-V

Part Number: ZDA518



## SIDCHROME®

### 3/8" Speed Brace

• 400mm

Part Number: 13930



## SIDCHROME®

### 1/2" Speed Brace

• 420mm

Part Number: 14937





# HAND TOOLS

## SOCKET - UNIVERSAL JOINT



### 1/2" DR Universal Joint

- CR-V
- Part Number: AZDA10



### 1/4" Universal Joint

- Link Joint
- Part Number: 12909



### 1/2" Universal Joint

- Swivel Ball Joint
- Part Number: 14945



### 1/2" Universal Joint

- Link Joint with spring
- Part Number: 14946



### 3/4" Universal Joint

- Link Joint
- Part Number: 15957



### 3/8" Universal Joint

- Swivel ball joint
- Part Number: 13932



## SOCKET - SPARK PLUG



### 1/2" DR Spark Plug Sockets

- CR-V



Part Number	DescriptionSize	Size
AZDA26	1/2" DR Spark Plug Socket	13/16"
AZDA26D	1/2" DR Spark Plug Socket	5/8"
ZDA29	1/2" DR Spark Plug Socket	5/8" Magnetic
ZDA30	1/2" DR Spark Plug Socket	13/16" Magnetic

## SOCKETS - INDIVIDUAL



### 1/4" 6 Point Metric & AF Sockets - Standard



Part No.	Size	Part No.	Size	Part No.	Size
12215	4mm	12222	11mm	12418	9/32"
12216	5mm	12223	12mm	12419	5/16"
12217	6mm	12224	13mm	12420	11/32"
12218	7mm	12415	3/16"	12421	3/8"
12219	8mm	12416	7/32"	12422	7/16"
12220	9mm	12417	1/4"	12423	1/2"
12221	10mm				



### 3/8" 12 Point Metric & AF Sockets - Standard



Part No.	Size	Part No.	Size	Part No.	Size
13218	8mm	13227	17mm	13418	7/16"
13219	9mm	13228	18mm	13419	1/2"
13220	10mm	13229	19mm	13420	9/16"
13221	11mm	13230	20mm	13421	5/8"
13222	12mm	13231	21mm	13422	11/16"
13223	13mm	13232	22mm	13423	3/4"
13224	14mm	13416	5/16"	13424	13/16"
13225	15mm	13417	3/8"	13425	7/8"
13226	16mm				



### 1/2" 12 Point Metric & AF Sockets - Standard

Part Number	Size	Part Number	Size
14225	8mm	14425	3/8"
14226	9mm	14426	7/16"
14227	10mm	14427	1/2"
14228	11mm	14428	9/16"
14229	12mm	14429	5/8"
14230	13mm	14430	11/16"
14231	14mm	14431	3/4"
14232	15mm	14432	13/16"
14233	16mm	14433	7/8"
14234	17mm	14434	15/16"
14235	18mm	14435	1"
14236	19mm	14436	1-1/16"
14237	20mm	14437	1-1/8"
14238	21mm	14438	1-3/16"
14239	22mm	14439	1-1/4"
14240	23mm		
14241	24mm		
14242	25mm		
14243	26mm		
14244	27mm		
14245	28mm		
14246	29mm		
14247	30mm		
14248	31mm		
14249	32mm		





## SIDCHROME®

### 1/2" 12 Point Metric & AF Sockets - Deep

Part Number	Size	Part Number	Size
14255	10mm	14454	3/8"
14256	11mm	14455	7/16"
14257	12mm	14456	1/2"
14258	13mm	14457	9/16"
14259	14mm	14458	5/8"
14260	15mm	14459	11/16"
14261	16mm	14460	3/4"
14262	17mm		
14263	18mm		
14264	19mm		

## KC TOOLS® PROFESSIONAL

### 1/2" DR Sockets Standard

#### 24 Metric Sockets

- 8 - 32mm (AKC238 - AKC262)

#### 15 AF Sockets

- 3/8 - 1-1/4" (AKC212 - AKC230)

Part No.	Size	Part No.	Size	Part No.	Size	Part No.	Size
AKC238	8mm	AKC248	18mm	AKC258	28mm	AKC220	3/4"
AKC239	9mm	AKC249	19mm	AKC259	29mm	AKC222	13/16"
AKC240	10mm	AKC250	20mm	AKC260	30mm	AKC223	7/8"
AKC241	11mm	AKC251	21mm	AKC262	32mm	AKC224	15/16"
AKC242	12mm	AKC252	22mm	AKC212	3/8"	AKC226	1"
AKC243	13mm	AKC253	23mm	AKC213	7/16"	AKC227	1-1/16"
AKC244	14mm	AKC254	24mm	AKC214	1/2"	AKC228	1-1/8"
AKC245	15mm	AKC255	25mm	AKC215	9/16"	AKC229	1-3/16"
AKC246	16mm	AKC256	26mm	AKC217	5/8"	AKC230	1-1/4"
AKC247	17mm	AKC257	27mm	AKC219	11/16"		

## SIDCHROME®

### 3/4" 12 Point Metric & AF Socket - Standard

Part Number	Size	Part Number	Size
15715	19mm	15800	3/4"
15717	22mm	15801	13/16"
15718	24mm	15802	7/8"
15720	27mm	15803	15/16"
15722	30mm	15804	1"
15723	32mm	15805	1-1/16"
15725	36mm	15806	1-1/8"
15726	38mm	15807	1-3/16"
15727	41mm	15808	1-1/4"
15728	46mm	15809	1-5/16"
15729	50mm	15810	1-3/8"
15730	55mm	15811	1-7/16"
		15812	1-1/2"
		15813	1-5/8"
		15814	1-11/16"
		15815	1-3/4"
		15816	1-13/16"
		15817	1-7/8"
		15818	2"

## SOCKET - IMPACT

## APEX®

### Socket - Impact - Apex Range

- Apex Industrial grade impact sockets are available in a wide range of lengths and wall thicknesses, with single and double hex openings, metric and imperial.



### 3/8" Drive Impact Sockets - Regular



#### Imperial

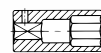


#### Metric

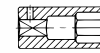
Size	Part Number	Size	Part Number
5/16"	X310	7mm	X307M
3/8"	X312	9mm	X309M
7/16"	X314	10mm	X310M
1/2"	X316	11mm	X311M
9/16"	X318	12mm	X312M
5/8"	X320	13mm	X313M
11/16"	X322	14mm	X314M
3/4"	X324	15mm	X315M
13/16"	X326	16mm	X316M
7/8"	X328	17mm	X317M
		18mm	X318M
		19mm	X319M
		20mm	X320M
		21mm	X321M
		22mm	X322M



### 3/8" Drive Impact Sockets - Long



#### Imperial



#### Metric

Size	Part Number	Size	Part Number
5/16"	X310L	7mm	X307ML
3/8"	X312L	8mm	X308ML
7/16"	X314L	9mm	X309ML
1/2"	X316L	10mm	X310ML
9/16"	X318L	11mm	X311ML
5/8"	X320L	12mm	X312ML
11/16"	X322L	13mm	X313ML
3/4"	X324L	14mm	X314ML
		15mm	X315ML
		16mm	X316ML
		17mm	X317ML
		18mm	X318ML
		19mm	X319ML
		20mm	X320ML
		21mm	X321ML
		22mm	X322ML



# HAND TOOLS



## 1/2" Drive Impact Sockets - Regular



Imperial



Metric



Size	Part Number	Size	Part Number
5/16"	X410	8mm	X408M
3/8"	X412	10mm	X410M
7/16"	X414	11mm	X411M
1/2"	X416	12mm	X412M
9/16"	X418	13mm	X413M
5/8"	X420	14mm	X414M
11/16"	X422	15mm	X415M
3/4"	X424	16mm	X416M
13/16"	X426	17mm	X417M
7/8"	X428	18mm	X418M
15/16"	X430	19mm	X419M
1"	X432	20mm	X420M
1-1/16"	X434	21mm	X421M
1-1/8"	X436	22mm	X422M
1-3/16"	X438	23mm	X423M
1-1/4"	X440	24mm	X424M
1-5/16"	X442	25mm	X425M
1-3/8"	X444	26mm	X426M
1-7/16"	X446	27mm	X427M
1-1/2"	X448	28mm	X428M
		29mm	X429M
		30mm	X430M
		32mm	X432M
		33mm	X433M
		36mm	X436M



## 3/4" DR Impact Sockets Std.

### 48 Metric Sockets

- 17 - 70mm (11500 - 11547)

### 32 AF Sockets

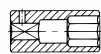
- 11/16 - 2-3/4" (11548 - 11579)



Part No.	Size	Part No.	Size	Part No.	Size	Part No.	Size
11500	17mm	11520	37mm	11540	57mm	11560	1-7/16"
11501	18mm	11521	38mm	11541	58mm	11561	1-1/2"
11502	19mm	11522	39mm	11542	59mm	11562	1-9/16"
11503	20mm	11523	40mm	11543	60mm	11563	1-5/8"
11504	21mm	11524	41mm	11544	63mm	11564	1-11/16"
11505	22mm	11525	42mm	11545	65mm	11565	1-3/4"
11506	23mm	11526	43mm	11546	67mm	11566	1-13/16"
11507	24mm	11527	44mm	11547	70mm	11567	1-7/8"
11508	25mm	11528	45mm	11548	11/16"	11568	1-15/16"
11509	26mm	11529	46mm	11549	3/4"	11569	2"
11510	27mm	11530	47mm	11550	13/16"	11570	2-1/16"
11511	28mm	11531	48mm	11551	7/8"	11571	2-1/8"
11512	29mm	11532	49mm	11552	15/16"	11572	2-3/16"
11513	30mm	11533	50mm	11553	1"	11573	2-1/4"
11514	31mm	11534	51mm	11554	1-1/16"	11574	2-5/16"
11515	32mm	11535	52mm	11555	1-1/8"	11575	2-3/8"
11516	33mm	11536	53mm	11556	1-3/16"	11576	2-1/2"
11517	34mm	11537	54mm	11557	1-1/4"	11577	2-9/16"
11518	35mm	11538	55mm	11558	1-5/16"	11578	2-5/8"
11519	36mm	11539	56mm	11559	1-3/8"	11579	2-3/4"



## 1/2" Drive Impact Sockets - Long



Imperial



Metric



Size	Part Number	Size	Part Number
3/8"	X412L	10mm	X410ML
7/16"	X414L	11mm	X411ML
1/2"	X416L	12mm	X412ML
9/16"	X418L	13mm	X413ML
5/8"	X420L	14mm	X414ML
11/16"	X422L	15mm	X415ML
3/4"	X424L	16mm	X416ML
13/16"	X426L	17mm	X417ML
7/8"	X428L	18mm	X418ML
15/16"	X430L	19mm	X419ML
1"	X432L	20mm	X420ML
1-1/16"	X434L	21mm	X421ML
1-1/8"	X436L	22mm	X422ML
1-3/16"	X438L	23mm	X423ML
1-1/4"	X440L	24mm	X424ML
1-5/16"	X442L	25mm	X425ML
1-3/8"	X444L	26mm	X426ML
1-7/16"	X446L	27mm	X427ML
1-1/2"	X448L	28mm	X428ML
		29mm	X429ML
		30mm	X430ML
		32mm	X432ML
		36mm	X436ML



## 3/4" DR Impact Sockets Deep

### 29 Metric Sockets

- 17 - 50mm (11600 - 11628)

### 22 AF Sockets

- 11/16 - 2" (11630 - 11651)



Part No.	Size	Part No.	Size	Part No.	Size	Part No.	Size
11600	17mm	11613	30mm	11626	46mm	11640	1-5/16"
11601	18mm	11614	31mm	11627	49mm	11641	1-3/8"
11602	19mm	11615	32mm	11628	50mm	11642	1-7/16"
11603	20mm	11616	33mm	11630	11/16"	11643	1-1/2"
11604	21mm	11617	34mm	11631	3/4"	11644	1-9/16"
11605	22mm	11618	35mm	11632	13/16"	11645	1-5/8"
11606	23mm	11619	36mm	11633	7/8"	11646	1-11/16"
11607	24mm	11620	37mm	11634	15/16"	11647	1-3/4"
11608	25mm	11621	38mm	11635	1"	11648	1-13/16"
11609	26mm	11622	40mm	11636	1-1/16"	11649	1-7/8"
11610	27mm	11623	41mm	11637	1-1/8"	11650	1-15/16"
11611	28mm	11624	42mm	11638	1-3/16"	11651	2"
11612	29mm	11625	43mm	11639	1-1/4"		



## KC TOOLS IMPACTA

### 3/4" DR Impact In-Hex Sockets

#### 11 Metric Sockets

- 14 - 36mm (116541 - 116560)

#### 12 AF Sockets

- 9/16 - 1-1/4" (116522 - 116533)

Part No.	Size	Part No.	Size	Part No.	Size	Part No.	Size
116541	14mm	116550	24mm	116522	9/16"	116528	15/16"
116544	17mm	116553	27mm	116523	5/8"	116529	1"
116546	19mm	116555	30mm	116524	11/16"	116530	1-1/16"
116547	21mm	116556	32mm	116525	3/4"	116531	1-1/8"
116548	22mm	116560	36mm	116526	13/16"	116532	1-3/16"
116549	23mm			116527	7/8"	116533	1-1/4"



## KC TOOLS IMPACTA

### 1" DR Impact Sockets Std.

#### 57 Metric Sockets

- 17 - 95mm (11717 - 11795)

#### 45 AF Sockets

- 11/16 - 3-3/4" (11830 - 11874)



Part No.	Size	Part No.	Size	Part No.	Size	Part No.	Size
11717	17mm	11746	46mm	11785	85mm	11851	2"
11719	19mm	11747	47mm	11789	89mm	11852	2-1/16"
11721	21mm	11748	48mm	11790	90mm	11853	2-1/8"
11722	22mm	11749	49mm	11792	92mm	11854	2-3/16"
11723	23mm	11750	50mm	11795	95mm	11855	2-1/4"
11724	24mm	11751	51mm	11830	11/16"	11856	2-5/16"
11725	25mm	11752	52mm	11831	3/4"	11857	2-3/8"
11726	26mm	11753	53mm	11832	13/16"	11858	2-7/16"
11727	27mm	11754	54mm	11833	7/8"	11859	2-1/2"
11728	28mm	11755	55mm	11834	15/16"	11860	2-9/16"
11729	29mm	11756	56mm	11835	1"	11861	2-5/8"
11730	30mm	11757	57mm	11836	1-1/16"	11862	2-11/16"
11731	31mm	11758	58mm	11837	1-1/8"	11863	2-3/4"
11732	32mm	11759	59mm	11838	1-3/16"	11864	2-13/16"
11733	33mm	11760	60mm	11839	1-1/4"	11865	2-7/8"
11734	34mm	11762	62mm	11840	1-5/16"	11866	2-15/16"
11735	35mm	11763	63mm	11841	1-3/8"	11867	3"
11736	36mm	11765	65mm	11842	1-7/16"	11868	3-1/16"
11737	37mm	11767	67mm	11843	1-1/2"	11869	3-1/8"
11738	38mm	11768	68mm	11844	1-9/16"	11870	3-1/4"
11739	39mm	11770	70mm	11845	1-5/8"	11871	3-3/8"
11740	40mm	11773	73mm	11846	1-11/16"	11872	3-1/2"
11741	41mm	11775	75mm	11847	1-3/4"	11873	3-5/8"
11742	42mm	11776	76mm	11848	1-13/16"	11874	3-3/4"
11743	43mm	11778	78mm	11849	1-7/8"		
11744	44mm	11780	80mm	11850	1-15/16"		

## KC TOOLS IMPACTA

### 3/4" DR Impact Square Sockets

#### 3 Metric Sockets

- 17 - 21mm (11690 - 11692)

#### 3 AF Sockets

- 11/16 - 13/16" (11693 - 11695)

Part Number	Size	Part Number	Size
11690	17mm	11693	11/16"
11691	19mm	11694	3/4"
11692	21mm	11695	13/16"



### 3/4" Impact Bud Wheel



Imperial



Metric

Size	Part Number	Size	Part Number
17Sqx35Hex"	X6B1735M	17mm	X6B17M
21Sqx41Hex"	X6B2141M	19mm	X6B19M
		20mm	X6B20M
		21mm	X6B21M



## KC TOOLS IMPACTA

### 1" DR Impact Square Sockets

#### 3 Metric Sockets

- 17 - 21mm (11824 - 11826)

#### 3 AF Sockets

- 11/16 - 13/16" (11827 - 11829)

Part Number	Size	Part Number	Size
11824	17mm	11827	11/16"
11825	19mm	11828	3/4"
11826	21mm	11829	13/16"





# HAND TOOLS

## KC TOOLS<sup>®</sup> IMPACTA

### 1" DR Impact Sockets Deep

#### 47 Metric Sockets

- 17- 90mm (11881 - 11929)

#### 37 AF Sockets

- 3/4 - 3-1/8" (11950 - 11986)

Part No.	Size	Part No.	Size	Part No.	Size	Part No.	Size
11881	17mm	11904	40mm	11925	70mm	11966	1-3/4"
11883	19mm	11905	41mm	11926	75mm	11967	1-13/16"
11885	21mm	11906	42mm	11927	80mm	11968	1-7/8"
11886	22mm	11907	43mm	11928	85mm	11969	1-15/16"
11887	23mm	11908	46mm	11929	90mm	11970	2"
11888	24mm	11909	47mm	11950	3/4"	11971	2-1/16"
11889	25mm	11910	48mm	11951	13/16"	11972	2-1/8"
11890	26mm	11911	49mm	11952	7/8"	11973	2-3/16"
11891	27mm	11912	50mm	11953	15/16"	11974	2-1/4"
11892	28mm	11913	51mm	11954	1"	11975	2-5/16"
11893	29mm	11914	52mm	11955	1-1/16"	11976	2-3/8"
11894	30mm	11915	54mm	11956	1-1/8"	11977	2-7/16"
11895	31mm	11916	55mm	11957	1-3/16"	11978	2-1/2"
11896	32mm	11917	56mm	11958	1-1/4"	11979	2-9/16"
11897	33mm	11918	57mm	11959	1-5/16"	11980	2-5/8"
11898	34mm	11919	58mm	11960	1-3/8"	11981	2-3/4"
11899	35mm	11920	59mm	11961	1-7/16"	11982	2-7/8"
11900	36mm	11921	60mm	11962	1-1/2"	11983	2-15/16"
11901	37mm	11922	63mm	11963	1-9/16"	11984	3"
11902	38mm	11923	65mm	11964	1-5/8"	11985	3-1/16"
11903	39mm	11924	68mm	11965	1-11/16"	11986	3-1/8"



## KC TOOLS<sup>®</sup> IMPACTA

### 1" DR F to 3/4" DR M

- CR-MO

Part Number: 11809



## KC TOOLS<sup>®</sup> IMPACTA

### 1" DR F to 1-1/2" DR M

- CR-MO

Part Number: 11810



### Impact Sockets - Adaptors

Square Drives	Part Number	Square Drives	Part Number
1-1/2Fx1M	XAD12-8	1/2Fx3/4M	XAD4-6
1-1/2Fx2-1/2M	XAD12-20	3/4x1/2M	XAD6-4
2-1/2Fx1-1/2M	XAD20-12	3/4x1M	XAD6-8
1/4FX3/8M	XAD2-3	1Fx3/4M	XAD8-6
3/8FX1/2M	XAD3-4	1Fx1-1/2M	XAD8-12
1/2Fx3/8M	XAD4-3		

## SOCKET - IMPACT - ACCESSORIES

## APEX



### Socket Accessories - Apex Range

- Apex provides accessories needed to adapt sockets to nearly every tool and application.
- The range consists of extensions, nutsetters, bit holders, universal joints and adaptors.

## SOCKET - IMPACT - ADAPTORS

## KC TOOLS<sup>®</sup> IMPACTA

### 3/4" DR F to 1/2" DR M

- CR-MO

Part Number: 11672



## KC TOOLS<sup>®</sup> IMPACTA

### 3/4" DR F to 1" DR M

- CR-MO

Part Number: 11673



## SOCKETS - IMPACT BAR

## SIDCHROME<sup>®</sup>



### Impact Bar - the Breaker Bar with Impact

Creates impact to shock frozen nuts loose  
8x Torque multiplication with a single hammer blow  
No compressed air required, 180°+ swivel head, 440mm

Part Number: 14949



## SOCKET - IMPACT - EXTENSIONS

## KC TOOLS<sup>®</sup> IMPACTA

### 3/4" DR Impact Extension Bars

- CR-MO

Part Number	Description	Size
11676	3/4" DR Impact Extension Bar	150mm
11679	3/4" DR Impact Extension Bar	250mm



## KC TOOLS<sup>®</sup> IMPACTA

### 1" DR Impact Extension Bars

Part Number	Description	Size
11812	1" DR Impact Extension Bar	150mm
11815	1" DR Impact Extension Bar	250mm

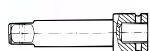




## SOCKET - IMPACT - EXT & UNI JOINTS



### 3/8" Drive Impact Sockets - Extension Bars & Universal Joint



#### Extensions

Length	Part Number	Size	Part Number
75mm	X3X-75	3/8"	X3UJB
125mm	X3X-125		



#### Universal Joint



### 1/2" Drive Impact Sockets - Extension Bars & Universal Joint



#### Extensions

Length	Part Number	Size	Part Number
75mm	X4X-75		
125mm	X4X-125		
250mm	X4X-250		
460mm	X4X-460		
610mm	X4X-610	1/2"	X4UJB



#### Universal Joint



## SOCKET - IMPACT - UNIVERSAL JOINTS



### 1" DR Impact Uni. Joint

- Should only be used at a maximum angle of 30°
- Part Number: 11808



### 3/4" DR Impact Uni. Joint

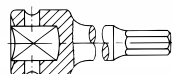
- Should only be used at a maximum angle of 30°
- Part Number: 11670



## SOCKET - IMPACT - INHEX



### 3/8" In-Hex Drivers

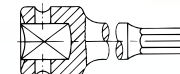


Size	Part No.	Size	Part No.
4mm	X3H04M	8mm	X3H08M
5mm	X3H05M	10mm	X3H10M
6mm	X3H06M		



### 1/2" Impact In-Hex Drivers

Size	Part Number	Size	Part Number
3/16"	X4H06	4mm	X4H04M
7/32"	X4H07	5mm	X4H05M
1/4"	X4H08	6mm	X4H06M
9/32"	X4H09	7mm	X4H07M
5/16"	X4H10	8mm	X4H08M
3/8"	X4H12	9mm	X4H09M
7/16"	X4H14	10mm	X4H10M
1/2"	X4H16	12mm	X4H12M
9/16"	X4H18	14mm	X4H14M
5/8"	X4H20	17mm	X4H17M
11/16"	X4H22	19mm	X4H19M
3/4"	X4H24		



### 3/4" Impact In-Hex Drivers

Imperial	Part Number	Metric	Part Number
1/2"	X6H16	10mm	X6H10M
9/16"	X6H18	12mm	X6H12M
5/8"	X6H20	14mm	X6H14M
3/4"	X6H24	17mm	X6H17M
7/8"	X6H28	19mm	X6H19M
1"	X6H32	22mm	X6H22M
		24mm	X6H24M
		27mm	X6H27M



### 1" Impact In-Hex Drivers

Imperial	Part Number	Metric	Part Number
5/8"	X8H20	14mm	X8H14M
3/4"	X8H24	17mm	X8H17M
7/8"	X8H28	19mm	X8H19M
1"	X8H32	22mm	X8H22M
		24mm	X8H24M
		27mm	X8H27M
		30mm	X8H30M
		32mm	X8H32M





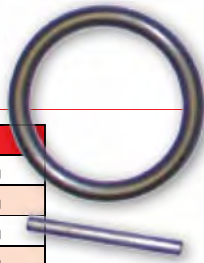
# HAND TOOLS

## SOCKET - IMPACT - O RINGS & PINS

**KC TOOLS**  
IMPACTA

### 3/4" DR Pin & "O" Ring

Part Number	Description	Size
11680	"O" Ring	17mm - 49mm
11681	"O" Ring	50mm - 70mm
11682	Pin	17mm - 49mm
11683	Pin	50mm - 70mm
11684	"O" Ring & Pin	17mm - 49mm
11685	"O" Ring & Pin	50mm - 70mm



**BAHCO**

### 46 Piece 1/4" Socket Set

46 piece 1/4" Socket Set  
Case: Oil and temperature resistant polythene 340 x 260 x 75mm  
Chrome Vanadium Matt Chrome Plated



Part Number	Description	Size
S460	Socket Set	1/4"

## SOCKETS - POWER GRIP SET

**IRWIN**

### Power Grip™

- Use with power drill for easy removal of rusted, painted-over or burred fasteners/bolts/screws, etc.
- Left-hand spiral teeth bites down for a positive grip on the fastener head
- Quick change shank for fast loading in Lock-n-Load™ adaptors
- 1/4 hex shank for use in cordless drills, impact drivers and corded drills
- Universal lobular design is suitable for both metric and imperial fasteners
- Black oxide finish prevents rusting
- 7 piece set includes: 3/16", 1/4", 5/16", 3/16" (8mm), 3/8", 10mm, 7/16" (11mm) & 1/2"
- Supplied in durable Procace



Part Number	Description
394100	Power Grip™ 7 Piece Set

**SIDCHROME**

### 43 Piece 1/4" Drive Metric AF Socket Set

- 20 Metric Sockets: 4-13mm
- 18 AF Sockets: 3/16-1/2"
- 5 Socket Accessories
- 51154 Replacement Box Only

Part Number: 12130



**SIDCHROME**

### 10 Piece 1/4" Drive Metric Deep Socket Set

- 10 Metric Sockets: 4-13mm, Clips and Rail

Part Number: 12230

Also Available:

- 9 AF Sockets: 3/16-1/2", Clips and Rail

Part Number: 12430



## SOCKETS - SETS

**IRWIN**

### Bolt Grip™

- Use with spanner or Vise-Grip Locking Plier for easy removal of rusted, painted-over or burred fasteners/bolts/screws etc - fits with 3/8" socket adaptors
- Left-hand spiral teeth bites down for a positive grip on the fastener head
- Universal lobular design is suitable for both metric and imperial fasteners - unique surface treatment to prevent rust
- 5-piece Base set includes: 3/8", 7/16" (11mm) & 1/2", 9/16" (14mm) & 5/8" (16mm) sizes
- 5-piece Expansion set includes: 5/16" (8mm), 10mm, 13mm, 11/16" & 3/4" (19mm) sizes



Part Number	Description
394001	Bolt-Grip™ 5 Piece Base Set in Procace
394002	Bolt-Grip™ 5 Piece Expansion Set

**KINCROME**  
PLUS

### Socket Set - 24 Piece

- Imperial and Metric • 1/4 Sq Drive
- Chrome Vanadium Steel
- 10 Metric sockets
- 9 Imperial sockets
- 5 accessories
- W: 275 x D: 80 x H: 40mm

Part No. 13336P



**KC TOOLS**  
PROFESSIONAL

### 47 Piece 1/4" DR Socket Set

- Std Met: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 and 14mm
- Dp Met: 5, 6, 7, 8, 9, 10, 11, 12, 13 and 14mm
- Std AF: 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16 and 1/2"
- Dp AF: 3/16, 7/32, 1/4, 9/32, 5/16, 3/8, 7/16 and 1/2"
- Ratchet
- Spinner handle • Sliding T bar • 50 and 150mm extension bars
- Uni. joint • 150mm flex head

Part Number: A13230



**KC PRO-AM**

### 39 Piece 1/4 & 3/8" DR Set

- 1/4" DR • Metric: 4, 5, 6, 7, 8, 9, 10, 11 and 12mm
- AF: 3/16, 7/32, 1/4, 9/32, 5/16, 11/16, 3/8, 7/16 and 1/2"
- Spinner Handle
- 3/8" DR • Metric: 9, 10, 11, 12, 13, 14, 16, 17 and 19mm
- AF: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16 and 3/4"
- Ratchet • 75mm Extension • Adaptor • 5/8" Spark Plug Socket

Part Number: 10100







### Socket Set - 43 Piece

- Imperial & Metric 1/4" & 3/8 Sq Drive
- 10 Metric sockets (1/4" Drive)
- 7 Imperial sockets (1/4" Drive)
- 10 Metric sockets (3/8" Drive)
- 7 Imperial sockets (3/8" Drive)
- 9 accessories
- W: 325 x D: 150 x H: 50mm

Part No. 02043P

Also Available: Part No 13530P  
39 Piece 1/4 & 3/8" Socket Set



### Socket Set - 57 Piece

- Metric • 1/4" & 3/8" Sq Drive • Standard & Deep Drive Sockets
- 10 Metric Sockets (1/4") • 10 Metric Sockets Deep (1/4")
- 18 Metric Sockets (3/8") • 9 Metric Sockets Deep (3/8")
- 10 Accessories • W: 440 x D: 185 x H: 50mm

Part No. 13357P

Also Available: Part No. 13335P - 44 Piece 1/4" Socket Set



### 34 Piece 1/4" & 3/8" Socket Set

34 piece 1/4" & 3/8" Socket Set  
Case: Oil and temperature resistant polythene  
340 x 260 x 75mm  
Chrome Vanadium  
Matt Chrome Plated



Part Number	Description	Size
S330	Socket Set	1/4" & 3/8"



### 64 Piece 1/4, 3/8 & 1/2" Drive Metric & AF Socket Set

- Master Socket Set
- 1/4, 3/8, 1/2" Drive Sockets and accessories

Part Number: 19120



### 9 Piece Torx® Socket Set

- 1/4" Square Drive Sockets: E6-E8, 3/8" Square Drive Sockets: E10-E20

Part Number: 70288



### 10 Piece 1/4 & 3/8" Drive Tru-Torque (TORX®) Socket Set

- 1/4 and 3/8" Tru-Torque (TORX®) Sockets,
- 51112 replacement box only

Part Number: 19107



### 1/4 & 3/8" Dr. Metric & AF Socket Set - 40 Piece

- 1/4" Drive Metric Sockets: 4-12mm
- 1/4" Drive AF Sockets: 3/16-7/16
- 1/2" Drive Socket Accessory: Socket Driver
- 3/8" Drive Metric Sockets: 8-19mm
- 3/8" Drive AF Sockets: 3/8-3/4"
- 3/8" Drive Spark Plug Sockets: 5/8, 13/16"
- 3/8" Drive Socket Accessories: Ratchet, 75mm Extension, Adaptor

Part Number: 89.506



### 10 Piece 3/8" Drive Metric Deep Socket Set

- 10 Metric Sockets: 10-19mm,
- Clips and Rail

Part Number: 13235

Also Available

- 7 AF Sockets: 3/8-3/4", Clips and Rail

Part Number: 13430



### Socket Set - 34 Piece

- Imperial & Metric
- 3/8" Square Drive
- 18 Metric sockets
- 7 Imperial sockets
- 9 Accessories
- W: 325 x D: 150 x H: 50mm

Part No. 13539P



### 44 Piece 3/8" DR Socket Set

- Metric
- Std Sockets: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 and 22mm
- Dp Sockets: 8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 20, 21 and 22mm
- Ratchet • 75 and 150mm extension bars • Universal joint
- Spanners: 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm

Part Number: A13265





# HAND TOOLS



## 51 Piece 3/8" Dr 12 and 6pt Metric/SAE Socket Set

### Contents

- 6-22mm and 1/4-7/8" sockets
- 10-19mm and 3/8-3/4" deep sockets
- 72T rotatable ratchet handle
- 45T ratchet handle and 200mm flex handle
- 75mm and 250mm extension bars

Product Code: SP20201



## 32 Piece 3/8" Drive Metric & AF Socket Set

- 15 Metric Sockets: 6-22mm
- 13 AF Sockets: 1/4-7/8"
- 4 Socket Accessories
- Spark Plugs: 5/8 and 13/16"
- 51154 Replacement Box Only

Part Number: 13105



## 56 Piece 3/8" Drive Metric & AF Socket Set

- 28 Metric Sockets: 5-22mm,
- Spark Plugs: 5/8 and 13/16
- 51141 Replacement Box Only
- 20 AF Sockets: 1/4-7/8"
- 8 Socket Accessories

Part Number: 13110



## 14 Piece Go-Thru Socket Set

14 piece Go-Thru socket set. Twelve sizes Go Thru double hexagon sockets from 10-24mm. The Go-Thru drive system allows good accessibility in confined spaces. 180° reversible head with locking function for extra flexibility and access to narrow spaces.

Part Number	Description	Size
S140T	Socket Set	10-20mm



## 24 Piece 1/2" Socket Set

24 piece 1/2" Socket Set  
Case: Oil and temperature resistant polythene  
340 x 260 x 75mm  
Chrome Vanadium  
Matt Chrome Plated

Part Number	Description	Size
S240	Socket Set	1/2"



## Socket Set - 25 Piece

- Imperial and Metric
- 1/2" Square Drive
- 10 Metric Sockets
- 8 Imperial Sockets
- 7 Accessories
- W: 440 x D: 185 x H: 50mm

Part No. 13418P



## Socket Set - 40 Piece

- Imperial & Metric
- 1/2" Square Drive
- 18 Metric Sockets
- 15 Imperial Sockets
- 7 Accessories
- W: 440 x D: 185 x H: 50mm

Part No. 13425P

Also Available: Part No. 13412P - 39 Piece 1/2" Socket Set



## 20 Piece 1/2" Drive Metric Socket Set

- 17 Sockets: 8-22mm
- Spark Plug: 5/8 and 13/16"
- 3 Socket Accessories

Part Number: 14208



## 24 Piece 1/2" Drive Metric & AF Socket Set

- 9 Metric Sockets: 10-19mm
- 11 AF Sockets: 7/16-1"
- Spark Plug: 5/8"
- 4 Socket Accessories
- 51154 Replacement Box Only

Part Number: 14110



## 33 Piece 1/2" Drive Metric Socket Set

- 27 Sockets: 8-32mm
- Spark Plug: 5/8 & 13/16"
- 6 Socket Accessories
- 51141 Replacement Box Only

Part Number: 14210







### 51 Piece 1/2" Drive Socket Set - Metric & AF

- 25 Metric Sockets: 10-24mm
- 20 AF Sockets: 3/8-1"
- Spark Plug: 5/8 and 13/16"
- 6 Socket Accessories
- 51141 Replacement Box Only

Part Number: 14130



### 61 Piece 1/2" Square Drive Metric & AF Socket Set

- 18 Metric Sockets: 10-32mm
- 15 AF Sockets: 3/8-11/4"
- 18 1/4" Drive Screwdriver Bits
- Blow Mould Case

Part Number: 10801



### 1/2" Dr. Metric & AF Socket Set - 38 Piece

- Metric Sockets: 10-24mm
- AF Sockets: 3/8-15/16"
- Socket Accessories: Ratchet, 125mm Extension, Flex Bar and Uni Joint
- Ring and Open End Spanners
- Metric Spanners: 8-19mm
- AF Spanners: 3/8-7/8"

Part Number: 89.505



### 1/2" Dr. Metric & AF Socket Set - 43 Piece

- Metric Sockets: 10-32mm
- AF Sockets: 3/8 - 1-1/4"
- Spark Plug Sockets: 5/8, 13/16"
- Socket Accessories: Ratchet, 75, 125 and 250mm
- Extensions, Flex Bar and Uni Joint

Part Number: 89.509



### 24 Piece 1/2" DR Socket Set

- Metric: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm
- AF: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16 and 3/4"
- Ratchet • 125 and 250mm extension bars
- Universal joint • 1/2 F to 3/8" M adaptor

Part Number: A13275



### 43 Piece 1/2" DR Socket Set

- Metric: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30 and 32mm
- AF: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8 and 1-1/4"
- Ratchet • 75 and 125mm extensions • Sliding T bar • 375mm flex head
- Universal joint • 1/2 F to 3/8" M adaptor • 13/16 and 5/8" spark plug sockets

Part Number: A13170



### 10 Piece 1/2" Drive Deep Metric Socket Set

- 10 Metric Sockets: 10-19mm, Clips and Rail

Part Number: 14252

Also Available

- 7 AF Sockets: 3/8-3/4", Clips and Rail

Part Number: 14451



### 8 Piece 3/4" Drive Metric Socket Set

- Sizes: 21-41mm

Part Number: XS608M



### 8 Piece 3/4" Drive Impact AF Socket Set

- Sizes: 1 - 1-1/2"

Part Number: XS608



### 17 Piece 3/4" Drive Metric Socket Set

- 12 Metric Sockets: 19-55mm,
- 5 Socket Accessories,
- 51233 Replacement Box Only

Part Number: 15205



### 26 Piece 3/4" DR

- Metric: 22, 24, 27, 30, 32, 36, 38, 41, 46 & 50mm • AF: 7/8, 15/16, 1, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-5/8, 1-3/4, 1-7/8 & 2" • Ratchet • Sliding T Bar • 100 and 200mm Extension Bars

Part Number: 19344





# HAND TOOLS

**KC TOOLS**  
PROFESSIONAL

## 3/4" DR Socket Sets

All 3/4" DR sets include:

- Ratchet • 460mm Sliding T Bar • 100 and 200mm Extensions

Part No.	Description
<b>A13362</b>	<b>26 Piece • Metric:</b> 22, 24, 27, 30, 32, 36, 38, 41, 46 and 50mm • <b>AF:</b> 1, 1-1/16, 1-1/8, 1-3/16, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8, 1-3/4, 1-7/8 and 2"
<b>A13363</b>	<b>24 Piece • AF:</b> 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-9/16, 1-5/8, 1-11/16, 1-3/4, 1-13/16, 1-7/8 and 2"
<b>A13365</b>	<b>23 Piece • Metric:</b> 19, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 35, 36, 38, 41, 46 and 50mm



**KC TOOLS**  
PROFESSIONAL

## 1" DR Socket Sets

Both 1" DR sets include:

- Ratchet • 560mm sliding T bar
- 200 and 400mm extensions

Part No.	Description
<b>A13366</b>	<b>22 Piece • Metric:</b> 35, 36, 38, 41, 46, 50, 54, 55, 58, 60, 63, 65, 67, 70, 71, 75, 77 and 80mm
<b>A13367</b>	<b>22 Piece • AF:</b> 1-1/2, 1-5/8, 1-11/16, 1-3/4, 1-13/16, 1-7/8, 2, 2-1/8, 2-3/16, 2-1/4, 2-3/8, 2-7/16, 2-1/2, 2-5/8, 2-3/4, 2-15/16, 3 and 3-1/8"



## SOCKET SETS - IMPACT

**KC TOOLS**  
IMPACTA

## 10 Piece 1/2" DR Impact Sets

Part No.	Description
<b>11305</b>	<b>Metric •</b> 10, 12, 13, 14, 15, 16, 17, 19, 21 and 22mm
<b>11301</b>	<b>AF •</b> 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16 and 15/16" • 1/2 F to 3/8" M Adaptor



**KC TOOLS**  
IMPACTA

## 10 Piece 1/2" DR Impact Sets

Part No.	Description
<b>11315</b>	<b>Metric • Deep:</b> 10, 12, 13, 14, 16, 17, 19, 21, 22 and 24mm
<b>11311</b>	<b>AF • Deep:</b> 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16 and 1"



**STANLEY**

## 89.537 - 3/4" Dr. Metric & AF Socket Set - 26 Piece

- Metric Sockets: 22-50mm
- AF Sockets: 7/8- 2"
- Socket Accessories: Ratchet
- Sliding T-Handle
- Extensions 100mm, 200mm

Part Number: 89.537



**SIDCHROME**

## 32 Piece 3/4" Drive Metric & AF Socket Set

- 12 Metric Sockets: 19-55mm, 15 AF
- Sockets: 3/4 - 1-7/8", 5 Socket Accessories
- 51270 Replacement Box Only

Part Number: 15106



**METRINCH**

## Standard Impact Socket Set 1/2" Drive

- Each spanner fits metric and inch, plus damaged and rounded nuts and bolts
- 15 piece set = 42 piece conventional set

Part Number	Fits
<b>MET-2400</b>	11mm - 25mm or 7/16" - 1"



**METRINCH**

## Deep Wall Impact Socket Set 1/2" Drive

- Each spanner fits metric and inch, plus damaged and rounded nuts and bolts
- 15 piece set equals a 42 piece conventional set

Part Number	Fits
<b>MET-2450</b>	11mm - 25mm or 7/16" - 1"



**KINCROME**  
PROFESSIONAL QUALITY TOOLS

## Socket Set - 34 Piece

- Imperial & Metric • 3/4" Square Drive • 10 Metric Sockets
- 12 Imperial Sockets • 4 Accessories • W: 550 x D: 410 x H: 100mm

Part No. P2027







## 11 Piece 1/2" Dr 6pt Metric Deep Impact Socket Set

Contents: 10-24mm

Product Code: SP20360

COMPREHENSIVE RANGE AVAILABLE



## 1/2" DR Thinwall Impact Sets

Part No.	Description
11316	4 Pce Metric: Deep - 17, 19, 21 and 27mm
11310	3 Pce AF: Deep - 17, 19 and 21mm



## 18 Piece 1/2" Drive Impact Socket Set

• Sizes: 10-32mm

Part Number: XS418M



## 20 Piece 1/2" DR Impact Sets

Part No.	Description
11321	Metric • Standard: 10, 12, 13, 14, 15, 16, 17, 19, 21 and 22mm. • Deep: 10, 12, 13, 14, 16, 17, 19, 21, 22 and 24mm
11320	AF • Standard: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8 and 15/16" • Deep: 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16 and 1"



## 7 Piece 3/4" DR Impact Sets

Part No.	Description
11705	Metric • Deep: 26, 27, 29, 32, 35, 36 and 38mm
11704	AF • Deep: 1, 1-1/16, 1-1/8, 1-1/4, 1-3/8, 1-7/16 and 1-1/2"



## 8 Piece 3/4" DR Impact Sets

Part No.	Description
11701	Metric: 26, 27, 29, 30, 32, 35, 36 and 38mm
11700	AF: 1, 1-1/16, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16 and 1-1/2"



## 8 Piece 3/4" Drive Impact Socket Set Imperial Long

• Sizes: 1 - 1-1/2"

Part Number: XS608L



## Impact Socket Sets

Professional Quality Impact Socket Sets. Combined with the best materials (Chrome Molybdenum Alloy Steel "Cr-Mo") and superior processes that meet the extreme requirements that professional users demand from their tools. Combining Cr-Mo with precise heat and surface hardening treatments delivers: - higher torque loads; superior material strength, performance and enhanced durability. All sets are packaged in a steel storage case to endure the toughest of conditions.

Part Number	Description	Size
WI12-8MT	8 Piece 3/4 Drive Impact Socket Set Metric	3/4"
WI12-8T	8 Piece 3/4 Drive Impact Socket Set SAE/AF	3/4"
WI8-10T	10 Piece 1/2 Drive Impact Socket Set SAE/AF	1/2"
WI8-13MT	13 Piece 1/2 Drive Impact Socket Set Metric	1/2"



## 7 Piece 1" DR Impact Deep Sets

Part No.	Description
11803	Metric: Deep 21, 24, 27, 30, 32, 36 and 38mm
11802	AF: Deep 15/16, 1, 1-1/16, 1-1/8, 1-1/4, 1-5/16 and 1-1/2"



## 9 Piece 1" DR Impact Sets

Part No.	Description
11801	Metric: 24, 27, 30, 32, 36, 38, 41, 46 and 50mm
11800	AF: 1, 1-1/8, 1-1/4, 1-5/16, 1-1/2, 1-5/8, 1-3/4, 1-7/8 and 2"



## 10 Piece Metric Socket Set

• Sizes: 10-24mm

Part Number: XS410MT



## 10 Piece AF Socket Set

• Sizes: 7/16-1"

Part Number: XS410T





# HAND TOOLS



## 10 Piece Metric Long Socket Set

- Sizes: 10-24mm
- Part Number: XS410MLT



## 10 Piece AF Long Socket Set

- Sizes: 7/16-1"
- Part Number: XS410LT

## SOCKETS - IMPACT - CROWSFOOT



## 3/8 & 1/2" DR Crowsfoot Impact Sets

Part No.	Description
11221	15 Pce Metric • 3/8" DR: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm • 1/2" DR: 21, 22 and 24mm
11220	12 Pce AF • 3/8" DR: 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16 and 3/4" • 1/2" DR: 13/16, 7/8, 15/16 and 1"



## 14 Piece 1/2" DR Crowsfoot Impact Sets

Part No.	Description
11317	Metric: 27, 29, 30, 32, 33, 34, 35, 36, 38, 41, 43, 46, 48 and 50mm
11318	AF: 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8, 1-11/16, 1-3/4, 1-13/16, 1-7/8 and 2"



## 8 Piece 1/2" DR In-Hex Impact Sets

Part No.	Description
11323	Metric: 10, 11, 12, 13, 14, 15, 17 and 19mm
11322	AF: 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8 and 3/4"



## 1/2" DR Sets

Part No.	Description
A13669	10 Piece • Metric: 4, 5, 6, 7, 8, 10, 12, 14, 17 and 19mm
A13668	10 Piece • AF: 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2, 9/16, 5/8 and 3/4"



## 3/4" DR In-Hex Impact Sets

Part No.	Description
116521	7 Pce AF: 3/4, 7/8, 15/16, 1, 1-1/16, 1-3/16 and 1-1/4"
116540	7 Pce Metric: 19, 21, 22, 24, 27, 30 and 32mm
116520	9 Pce AF: 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16 and 1-1/4"



## 9 Piece 3/8" Drive Metric Inhex Socket Set

- 9 Metric Inhex Sockets: 3-12mm
- Part Number: 13280
- Also Available:
- 7 Metric Inhex Sockets: 1/8-3/8"
- Part Number: 13456



## 10 Piece 3/8 & 1/2" Drive Metric In-Hex Bit Set

- 10 Metric In-Hex Sockets: 4, 5, 6, 7, 8, 9, 10, 12, 14, 17mm
- Part Number: J4900MA
- Also Available:
- 10 A/F In-Hex Sockets: 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2, 9/16, 5/8"
- Part Number: J4900A



## Inhex Socket Set

Product Code	Description
GEIN19PM	1/2" DR Metric - 9 Pieces 5, 6, 7, 8, 9, 10, 12, 14, 17mm
GEIN19PA	1/2 DR AF - 9 Pieces 3/16, 7/32, 1/4, 9/32, 5/16, 3/8, 1/2, 9/16, 5/8"







### 13 Piece 1/2" Drive In-Hex & Spline Metric Socket Set

- 9 Metric Inhex Sockets : 6-17mm,
- 4 Spline Sockets: M6-M12,
- 51154 Replacement Box Only

Part Number: 14275



### 9 Piece 1/2" Drive In-Hex AF Socket Set

- 9 AF Inhex Sockets: 3/16-5/8"
- 51112 Replacement Box Only

Part Number: 14465



### 9 Piece Metric Impact Socket Set

- Sizes: 5-17mm

Part Number: XS4H09MT



### 9 Piece AF Impact Socket Set

- Sizes: 3/16-5/8"

Part Number: XS4H09T

## SOLDERING - BUTANE REFILL



### Butane Gas Refiller

- Butane Gas Refiller 200gms
- The Weller BR200 is suitable for WPA2, WSTA3, WSTA6, WSTA5, P1C, P1KC, PP1K, PSI100K, P2KC, ML100, ML200, ML500MP

Material No. BR200



## SOLDERING - IRONS



### Soldering Irons

- SP40DAU - Pencil grip. Weighs only 56g. 209mm long
- SP80DAU - Pencil grip. Weighs only 113g. 238mm long

Material No.	Description
SP40DAU	40 Watt / 240 Volt / 50 Hertz
SP80DAU	80 Watt / 240 Volt / 50 Hertz



### 12V Portable Soldering Iron

- 42 Watt Battery Powered, with temperature control
- Powered by a 12 Volt, 7.2 amp hour sealed lead acidity battery
- Fitted with an automotive cigarette lighter plug for direct connection to other 12 Volt power sources

Material No. WPS12V



### Robinson Soldering Irons

#### Features:

- Wooden handle - heat insulating
- Robust construction
- Balanced weight
- Continuous operation
- Heavy duty and long lasting



Part Number	Description	Tip Type
7708-1	80W Soldering Iron	Chisel
7710-1	100W Soldering Iron	Pyramid
7715-1	150W Soldering Iron	Pyramid
7720-1	200W Soldering Iron	Chisel
7730-1	300W Soldering Iron	Chisel
7740-1	400W Soldering Iron	Chisel
7750-1	500W Soldering Iron	Chisel



### 12V Superscope - Adjustable 30W - 150W

- Operates from Car or Tractor battery
- Wattage 30W to 150W whilst soldering
- Fast heating, 200°C in 5 seconds
- Easy owner maintenance
- 12 Volt safety outdoors
- 6 metre lead
- Heavy duty

Part Number: HI-BL



### 100W Heavy Duty Soldering Station

- Manual temperature control
- Auto switch-off
- 5 seconds heat-up
- Low voltage safety

Part Number: SSPSUBL



## SOLDERING - IRONS - BUTANE



### Magna-Lite Butane Soldering Iron

- Applications include soldering, heat shrink tubing, electrical, electronics, field service repair
- Waterproof piezo ignition for fast, reliable ignition
- Adjustable flame height

Material No. ML500MP





# HAND TOOLS

**Weller**

## Butane Cordless Iron

- Multi-purpose heat tool includes soldering iron, blow torch, hot air tool, hot knife
- Piezo Ignition, cordless and totally portable
- Refills in 20 secs with standard quality butane lighter fuel
- Tips ppt5, ppt9, ppt10, ppt12

Material No. P2KC



**Weller**

## Portasol Kit

- Piezo Ignition - Self Lighting
- Kit includes: 1 x soldering, hot blow and cutting tip, torch flame facility, equivalent to 10 to 60 watts
- Tip includes: PSI-6, PSI-8, PSI-9, PSI-10

Material No. PSI100K



**Weller**

## Weller Pyropen Kit

- Kit includes: 1 x WPT-2 soldering tip 1 x WHC-52 hot blow tip Metal kit box
- Piezo ignition (self) lighting

Material No. WPA2



## SOLDERING KITS



### Scope Maxima Soldering Kit

The Scope Maxima kit is designed to cover a wide range of soldering situations from 25 Watt to 100 Watt.

#### Contents:

- SP-100 solder gun 100W spare tip
- MH25 soldering iron 25W
- Helping hands with alligator clips and cast iron base for stability
- Solder sucker
- Probe with fine point and slotted end
- Solder tube containing 1 metre of 1.0mm core solder

Part Number: SK 3000



## SOLDERING EQUIP. POWER SUPPLY UNIT



### PSU - Power Supply Unit

- Superscope, miniscope
- Metal etching pen
- TA adaptor for C60
- Cordless iron

Product Code: PSU



## SPANNERS - COMBINATION

**KC TOOLS**  
PROFESSIONAL



### Combination Spanner (CR-V Polished)

Part Number	Size
AC8	1/4"
AC10	5/16"
AC12	3/8"
AC14	7/16"
AC16	1/2"
AC18	9/16"
AC20	5/8"
AC22	11/16"

Part Number	Size
AC24	3/4"
AC26	13/16"
AC28	7/8"
AC30	15/16"
AC32	1"
AC34	1-1/16"
AC36	1-1/8"
AC40	1-1/4"

**SIDCHROME**



### Ring & Open End Spanners - Metric & AF

Part Number	Size	Part Number	Size
22215	6mm	22415	1/4"
22216	7mm	22416	5/16"
22217	8mm	22417	3/8"
22218	9mm	22418	7/16"
22219	10mm	22419	1/2"
22220	11mm	22420	9/16"
22221	12mm	22421	5/8"
22222	13mm	22422	11/16"
22223	14mm	22423	3/4"
22224	15mm	22424	13/16"
22225	16mm	22425	7/8"
22226	17mm	22426	15/16"
22227	18mm	22427	1"
22228	19mm	22428	1-1/16"
22229	20mm	22429	1-1/8"
22230	21mm	22430	1-1/4"
22231	22mm	22431	1-5/16"
22232	23mm	22432	1-3/8"
22233	24mm	22433	1-7/16"
22236	27mm	22434	1-1/2"
22239	30mm	22435	1-5/8"
22240	32mm	22436	1-11/16"
22241	36mm	22437	1-3/4"
22242	41mm	22438	1-13/16"
22243	46mm	22439	1-7/8"
22244	50mm	22440	2"

## SPANNERS - OPEN END

**SIDCHROME**



### Open End Spanners - Metric & AF

Part Number	Size	Part Number	Size
20700	6 x 7mm	20800	1/4 x 5/16"
20701	8 x 9mm	20801	3/8 x 7/16"
20702	10 x 11mm	20802	7/16 x 1/2"
20703	12 x 13mm	20803	1/2 x 9/16"
20704	14 x 15mm	20804	5/8 x 11/16"
20705	16 x 17mm	20805	11/16 x 3/4"
20706	18 x 19mm	20807	13/16 x 7/8"
20707	20 x 22mm	20808	15/16 x 1"
20708	21 x 23mm	20809	15/16 x 1-1/16"
20709	24 x 27mm	20810	1-1/8 x 1-1/4"
20710	30 x 32mm		



## SPANNER SET - RING



### Ring Spanners - Metric & AF

Part Number	Size	Part Number	Size
21300	6 x 7mm	21500	1/4 x 5/16"
21301	8 x 9mm	21501	3/8 x 7/16"
21302	10 x 11mm	21502	7/16 x 1/2"
21303	12 x 13mm	21503	1/2 x 9/16"
21304	14 x 15mm	21504	9/16 x 5/8"
21305	16 x 17mm	21505	5/8 x 11/16"
21306	18 x 19mm	21506	11/16 x 3/4"
21307	20 x 22mm	21507	3/4 x 7/8"
21308	21 x 23mm	21508	13/16 x 7/8"
21309	24 x 27mm	21509	15/16 x 1"
21310	30 x 32mm	21510	1" x 1-1/8"
		21511	1-1/8 x 1-1/4"

## SPANNER SET - COMBINATION



### Spanner Set

- Each spanner fits metric and inch, plus damaged and rounded nuts and bolts
- 10 piece set = 28 piece conventional set

Part Number	Fits
MET-0110	10mm - 19mm or 3/8" - 3/4"



### Spanner Set

- Each spanner fits metric and inch, plus damaged and rounded nuts and bolts
- 14 piece set = 45 piece conventional set

Part Number	Fits
MET-0125	8mm - 22mm or 5/16" - 7/8"



### 18 Piece Metric/SAE Spanner Set

#### Contents

- Metric 8-19mm
- SAE 3/8"-7/8"

Product Code: SP10001



## Crescent

### 18 Piece Spanner Set

- Metric/AF Spanner Set
- Chrome Vanadium
- Drop Forged
- Handy Carry Case

Material No. CCSS18MP



### Combination Spanner Sets

Part No.	No. of Pieces	Description
10500	24	<b>Metric:</b> 6, 8, 10, 11, 12, 13, 14, 16, 17, 18, 19 and 21mm <b>AF:</b> 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8 and 15/16"
10504	12	<b>Metric:</b> 6, 8, 10, 11, 12, 13, 14, 16, 17, 18, 19 and 21mm
10502	12	<b>AF:</b> 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8 and 15/16"



### Combination Spanner Sets

Part No.	No. of Pieces	Contents
A13340	39	<b>Metric</b> - 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30 and 32mm <b>AF</b> - 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8 & 1-1/4" • CR-V
A13328	24	<b>Metric</b> - 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19 and 21mm <b>AF</b> - 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8 and 15/16" • CR-V
A13344	23	<b>Metric</b> - 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30 and 32mm • CR-V
A13337	15	<b>Metric</b> - 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 and 21mm • CR-V
A13336	12	<b>Metric</b> - 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19 and 21mm • CR-V
A13342	16	<b>AF</b> - 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8 and 1-1/4" • CR-V
A13334	12	<b>AF</b> - 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8 and 15/16" • CR-V



# HAND TOOLS



## Combination Spanner Set

- 22 piece metric set • Ring and jaw offset at 15 degrees
- Increased Torque capacity • Thinner head for hard to reach fasteners
- For heavy duty application

**Part Number: K3024**



## Combination Spanner Set

- 14 piece metric set • Ring and jaw offset at 15 degrees
- Thinner head for hard to reach fasteners
- For heavy duty application • Increased Torque capacity

**Part Number: 1352214**



## Combination Spanner Set

- 24 piece • Imperial and metric • Ring and jaw offset at 15 degrees
- Forged from Chrome Vanadium Steel, chrome plated and polished with light satin finish for corrosion protection
- Thinner head for hard to reach fasteners • For heavy duty application
- Increased Torque capacity

**Part Number: 1352424**



## Combination Spanner Set

- 16 Piece • Imperial and metric • Forged from Chrome Vanadium Steel, chrome plated and polished with light satin finish for corrosion protection
- Ring and jaw offset at 15 degrees • Thinner head for hard to reach fasteners
- For heavy duty application • Increased Torque capacity

**Part Number: 1352416**



## Combination Spanner Set

- 12 piece • Imperial and metric • Forged from Chrome Vanadium Steel
- Ring and jaw offset at 15 degrees • Thinner head for hard to reach fasteners
- For heavy duty application • Increased Torque capacity

**Part Number: K3020**



## Ring & Open End Spanner Sets



Part No.	No of Pieces	Description
22104	24	<b>12 Metric Spanners:</b> 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22mm. <b>12 AF Spanners:</b> 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16"
22210	14	<b>14 Metric Spanners:</b> 6-19mm
22410	13	<b>13 AF Spanners:</b> 1/4-1"
22208	10	<b>10 Metric Spanners:</b> 8-19mm
22209	7	<b>7 Metric Spanners:</b> 21, 22, 24, 27, 30, 32, 36mm
22413	7	<b>7 AF Spanners:</b> 1-1/16, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2"

## SPANNER - SET - FLARE NUT



## 6 Piece Flare Nut Spanner Sets

Part No.	Description
A13541	<b>Metric:</b> 6 x 8, 10 x 12, 13 x 14, 15 x 17, 19 x 21 and 22 x 24mm • CR-V
A13536	<b>AF:</b> 1/4 x 5/16, 3/8 x 7/16, 1/2 x 9/16, 5/8 x 11/16, 3/4 x 7/8 and 7/8 x 1" • CR-V

## SPANNER - SET - OPEN END



## Open End Spanner Sets

Part No.	No of Pieces	Description
20213	11	<b>11 Metric Spanners:</b> 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 30x32mm
20411	9	<b>9 AF Spanners:</b> 1/4x5/16, 3/8x7/16, 7/16x1/2, 1/2x9/16, 5/8x11/16, 11/16x3/4, 13/16x7/8, 15/16x1", 1-1/8x1-1/4"



**KCTOOLS**  
 PROFESSIONAL

**6 Piece Spanner Sets**

Part No.	Description
A13290	<b>Metric:</b> 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17 and 18 x 19mm • CR-V
A13285	<b>AF:</b> 1/4 x 5/16, 3/8 x 7/16, 1/2 x 9/16, 5/8 x 11/16, 11/16 x 3/4 and 15/16 x 1" • CR-V


**SPANNER SETS - RATCHET**

**11 Piece Flexhead Metric Geardrive Spanner Set**
**Contents**

- 8-19mm

**Product Code: SP10311**

**AldenWrench**

AldenWrench has the smallest swing angle and the smallest head size of all open-end ratcheting designs. With a 30 degree swing angle, this compact wrench needs only half the room to ratchet compared to other open-end ratcheting wrenches that need a 60 degree swing angle.

Part Number	Range
383100	Alden Wrench - Metric Size 10mm x 12mm 13mm x 14mm 15mm x 17mm
383200	Alden Wrench - Imperial Size 3/8" x 7/16" 1/2" x 9/16" 5/8" x 11/16"


**ProWrench**

Pro-Wrench has the smallest swing angle and the smallest head size of all open-end ratcheting designs. With a 30 degree swing angle, this compact wrench needs only half the room to ratchet compared to other open-end spanners that need a 60 degree swing angle. Also featuring a solid open-end design at the opposite end, this combination makes it the ideal tool for those tight, hard-to-reach spots.....

Part Number	Range
383300	10 piece Alden ProPack Metric Kit
383400	8 piece Alden ProPack Imperial Kit


**SIDCHROME**
**8 Piece AF Ratcheting Open End ROE Spanner Set**

- 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16 and 3/4"
- Unique, patented pivoting open end jaw design allows super quick fastening.

**Part Number: 22499**

**9 Piece Metric Ratcheting Open End ROE Spanner Set**

- 8-19mm

**Part Number: 22299**
**SPANNER - SET - RING**
**SIDCHROME**
**Ring Spanner Sets**

Part No.	No of Pieces	Description
21100	13	<b>7 Metric Spanners:</b> 6x7-18x19mm, <b>6 AF Spanners:</b> 1/4x5/16-15/16x1"
21211	11	<b>11 Metric Spanners:</b> 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 30x32mm
21413	8	<b>8 AF Spanners:</b> 1/4x5/16, 3/8x7/16, 1/2x9/16, 9/16x5/8, 11/16x3/4, 13/16x7/8, 15/16x1", 1-1/8x1-1/4"


**SIDCHROME**
**6 Piece Flat Ring Spanner Set - Metric**

11 Metric Spanners - Extra Long, 0°.  
Offset 10x11, 12x14, 13x15, 16x18, 17x19, 22x24mm

**Part Number: 21202**

**KCTOOLS**  
 PROFESSIONAL

**4 Piece Spanner Set**

- AF:** 3/8 x 7/16, 1/2 x 9/16, 11/16 x 3/4 and 7/8 x 15/16"
- CR-V

**Part Number: A13167**




# HAND TOOLS

**KC TOOLS**  
PROFESSIONAL

## 6 Piece Spanner Set

Part No.	Description
A13145	<b>Metric:</b> 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17 and 18 x 19mm • CR-V
A13140	<b>AF:</b> 3/8 x 7/16, 1/2 x 9/16, 5/8 x 11/16, 11/16 x 3/4, 13/16 x 7/8 and 15/16 x 1" • CR-V



**FAMOUS TOLEDO**  
EXCELLENCE BY DESIGN



## Cranked Slogging Wrenches

SAE CRANKED SLOGGING WRENCHES					
Part No.	Size	Length	Part No.	Size	Length
SWR1062/C	1 1/16"	305mm	SWR2062/C	2 1/16"	378mm
SWR1125/C	1 1/8"	305mm	SWR2125/C	2 1/8"	378mm
SWR1187/C	1 3/16"	305mm	SWR2187/C	2 3/16"	378mm
SWR1250/C	1 1/4"	305mm	SWR2250/C	2 1/4"	406mm
SWR1312/C	1 5/16"	305mm	SWR2312/C	2 5/16"	406mm

SAE CRANKED SLOGGING WRENCHES					
Part No.	Size	Length	Part No.	Size	Length
SWR1375/C	1 3/8"	305mm	SWR2375/C	2 3/8"	406mm
SWR1437/C	1 7/16"	305mm	SWR2437/C	2 7/16"	406mm
SWR1500/C	1 1/2"	305mm	SWR2500/C	2 1/2"	406mm
SWR1562/C	1 9/16"	305mm	SWR2562/C	2 9/16"	406mm
SWR1625/C	1 5/8"	305mm	SWR2625/C	2 5/8"	406mm
SWR1687/C	1 11/16"	305mm	SWR2750/C	2 3/4"	406mm
SWR1750/C	1 3/4"	305mm	SWR2875/C	2 7/8"	406mm
SWR1812/C	1 13/16"	374mm	SWR2937/C	2 15/16"	406mm
SWR1875/C	1 7/8"	374mm	SWR3000/C	3"	406mm
SWR2000/C	2"	378mm			

METRIC CRANKED SLOGGING WRENCHES					
Part No.	Size	Length	Part No.	Size	Length
SWRM24/C	24mm	304mm	SWRM50/C	50mm	378mm
SWRM27/C	27mm	304mm	SWRM55/C	55mm	378mm
SWRM30/C	30mm	304mm	SWRM60/C	60mm	406mm
SWRM32/C	32mm	304mm	SWRM65/C	65mm	406mm
SWRM36/C	36mm	304mm	SWRM70/C	70mm	406mm
SWRM41/C	41mm	304mm	SWRM75/C	75mm	406mm
SWRM46/C	46mm	314mm			

## SPANNERS - SLOGGING

**FAMOUS TOLEDO**  
EXCELLENCE BY DESIGN

## Slogging Wrenches

- Made from high quality forged alloy steel for maximum strength
- Specially designed for heavy duty/industrial use where extra slogging force is required to loosen or tighten stubborn nuts and fasteners
- Conforms to ISO 9001:2000 quality standards



SAE FLAT SLOGGING WRENCHES					
Part No.	Size	Length	Part No.	Size	Length
SWR1062	1 1/16"	185mm	SWR2125	2 1/8"	270mm
SWR1125	1 1/8"	190mm	SWR2187	2 3/16"	270mm
SWR1187	1 3/16"	190mm	SWR2250	2 1/4"	270mm
SWR1250	1 1/4"	190mm	SWR2312	2 5/16"	270mm
SWR1312	1 5/16"	190mm	SWR2375	2 3/8"	300mm
SWR1375	1 3/8"	190mm	SWR2437	2 7/16"	300mm
SWR1437	1 7/16"	215mm	SWR2500	2 1/2"	300mm
SWR1500	1 1/2"	215mm	SWR2562	2 9/16"	300mm
SWR1562	1 9/16"	215mm	SWR2625	2 5/8"	300mm
SWR1625	1 5/8"	215mm	SWR2750	2 3/4"	330mm
SWR1687	1 11/16"	240mm	SWR2875	2 7/8"	330mm
SWR1750	1 3/4"	240mm	SWR2937	2 15/16"	330mm
SWR1812	1 13/16"	240mm	SWR3000	3"	330mm
SWR1875	1 7/8"	240mm	SWR3125	3 1/8"	360mm
SWR2000	2"	270mm	SWR3875	3 7/8"	420mm
SWR2062	2 1/16"	270mm			

METRIC FLAT SLOGGING WRENCHES					
Part No.	Size	Length	Part No.	Size	Length
SWRM24	24mm	185mm	SWRM60	60mm	270mm
SWRM27	27mm	185mm	SWRM65	65mm	330mm
SWRM30	30mm	190mm	SWRM70	70mm	330mm
SWRM32	32mm	190mm	SWRM75	75mm	330mm
SWRM36	36mm	190mm	SWRM80	80mm	360mm
SWRM41	41mm	215mm	SWRM85	85mm	360mm
SWRM46	46mm	215mm	SWRM90	90mm	390mm
SWRM50	50mm	215mm	SWRM95	95mm	390mm
SWRM55	55mm	270mm	SWRM100	100mm	420mm

## SQUARES - CARPENTER'S/RAFTER

**STANLEY**

## Steel Carpenter's Square

Tempered steel. Deep graduations on face and back. Surface protected. Reverse reading scale. Includes Rafter Tables.

Part Number: 45.530

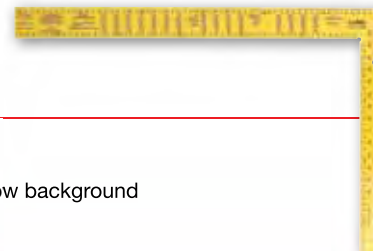


**Lufkin**

## Rafter Square

- 600mm x 400mm
- Made of high grade, tempered steel
- Thermo bonded graduations on yellow background
- Made in U.S.A.

Material No. LRS24





## SQUARES - COMBINATION



### Combination Square

- Precision cast zinc stock
- Stainless steel blade

Product Code	Blade Length
FI56	150mm
FI52ME	300mm



### 300mm Combination Square

- Heavy duty precision cast iron stock
- Stainless steel blade
- Deep etched graduations
- Steel scribing pin

Product Code: FI53ME



### 300mm Combination Set

- Precision cast zinc stock
- Stainless steel blade
- Centre marker
- Deep etched graduations
- Graduated protractor which turns through 360°

Product Code: FI58



### Combination Set - 300mm Met / Imp

- Graduated in metric and imperial measurements
- Brass clamping screws
- Square head incorporates a spirit level and handy scriber
- Ideal for usage in the carpentry and joinery industry
- Includes protractor and square centered head

Product Code: EC-50-460R



### Combination Square - 300mm Met / Imp

- Graduated in metric and imperial measurements
- Brass clamping screws
- Square head incorporates a spirit level and handy scriber
- Ideal for usage in the carpentry and joinery industry
- Can be used as a try square, mitre square, marking gauge and depth gauge

Product Code: EC-50-470R



### Combination Square

- Brass Knurl nut and Scriber head
- Sturdy zinc sock
- Metric inch graduations

Material No.	Description
LCS6	Stainless Steel 150mm/6"
LCS12	Stainless Steel 300mm/12"



### Combination Set

- Traditional precision combination 4 piece set
- Fully hardened and ground faces
- Centrally mounted protractor vial for unrestricted view
- 360° scale plate and unique offset protractor foot

Product Code	Size
MW-CSM300	300mm 12" metric only
MW-520-01	300mm 12" Met/Imp
MW-CSME12	300mm 12" Met/Imp



### Cast Iron Combination Squares (Rabone)

Cast iron professional square. Can be used as a try and mitre square, depth or height gauge and spirit level.

Part Number	Size
46.151	12"/300mm



### Combination Set

- Satin chrome finish
- Cast iron heads
- Reversible protractor head
- 1/2mm and 32nds one side, mm and 64ths reverse side

Part Number	Description	Length
C9M-300	Metric - Satin Chrome	0-300mm
C9ME-300	Metric/English - Satin	0-300mm / 0-12"

## SQUARES - LASER



### Laser Square

- Simple alignment for right angles
- Vertical levelling in-built spirit levels
- Two easily visible laser lines for all alignment work on the floor and vertical alignment on walls
- Back-lit illuminated spirit levels
- Super Square Laser with goggles, hard carry case

Material No. LLS1

## SQUARES - TRY & MITRE



### Squares - Try & Mitre

- Premium quality stainless steel blade
- Heavy duty easy read acid etched blade
- Strong aluminium stock
- Available in 3 sizes

Product Code	Size
SJ-TMS200	200mm
SJ-TMS250	250mm
SJ-TMS300	300mm



# HAND TOOLS

## STANDS - VICE



### Folding Vice Stand – Versatile

- Versatile, can be used with Dawn:
  - pipe vices
  - engineers vices to 100mm
  - pipe bender set
- Extremely rigid and durable
- Lightweight
- Portable
- Easily set up and taken down
- Includes large tool tray

Part Number: 62151M



## STAPLER - CABLE TACKER

TAZ3-CT45

TAZ3-CT60



### Cable Tacker

- Designed to bring speed, comfort and precision to the task of low voltage cable tacking, these high impact tools feature a new advanced system for recoilless action and incorporate many safety features.
- Ideal for fixing cables neatly and securely into tight corners.
- Widely used for fastening low voltage cabling within the Telecommunications and Security industry.
- Perfect for a wide range of electrical related installations.

Product Code	Description
TAZ3-CT45	Cables up to 4.5mm diameter
TAZ3-CT60	Cables up to 6mm diameter



### Electric Stapler Tacker

- Suitable for professionals such as builders and tradesmen.
- Taking the popular #140 (T50) flat wire staple in lengths 6mm to 14mm and #180/15mm series nails

Product Code: TA140EL



## STAPLING - FINISH STAPLER



### 18 Gauge Finish Stapler

Oil-free operation requires no regular maintenance. Low nail lockout prevents dry firing. Reversible belt hook. Selectable trigger system converts from sequential to contact operation.

- Kit Includes: Finish Stapler, 1/4" Swivel Air Fitting, 1,000 1" Finish Staples, Carrying Case, Hex Wrench & Belt Hook

Part Number: SX1838K



STANLEY

BOSTITCH



### 16 Gauge Finish Stapler

Oil-free operation requires no regular maintenance. Low nail lockout prevents dry firing. Reversible belt hook. Finish Nailer, 1/4" Swivel Air Fitting, 1000 2" Finish Nails, 4 Profile Tips, Carrying Case, Hex Wrenches and Belt Hook.

Part Number: FN1664K



## STAPLING - FLOORING KIT

STANLEY

BOSTITCH



### Secret Flooring Stapler Kit

The original and the best!. High speed mallet actuated pneumatic operation. Base plates included for 12 and 20mm hardwood flooring Kit includes: Stapler, graphite mallet, pre finished flooring adaptor foot. 15 and 16GA flooring stapler with aluminium housing.

Part Number: M111FS



### Compact Metal Staple Tacker, 6-8mm #140 Staple

- Compact, lightweight die-cast construction.
- Cut away nose for easy firing access and broad comfortable grip.
- Low grasp height delivering optimum handling comfort even for users with small hands.
- Uses #140(T50) professional staples

Product Code: TAZ1-140



### Heavy Duty Metal Staple Tacker, 6-14mm #140 Staple

- This professional workhorse drives #140 staples, nails and headless pins.
- It is built to withstand years of trouble free use.
- The heavy weight at 0.9kg, using Z-tec die cast extruded technology results in fewer parts for enhanced reliability.

Product Code: TAZ3-140



## STAPLING - HAMMER TACKER

STANLEY

BOSTITCH



### PowerSlam™ PowerCrown™ Hammer Tacker

Long reach Knuckle Saver™ handle. Die-cast frame and hardened components for extreme durability. High capacity bottom load magazine. Jam-free design. Extra-wide foot plate. Uses Bostitch® PowerCrown staples 6, 10 and 12mm

Part Number: PC2K







### Hammer Tacker, 6-10mm #140 (T50) Staples

- All steel "slap" hammer designed with few working parts for years of trouble free operation.
- Popular for securing flooring underlay, plastic sheeting and breather membrane.

Product Code: TAA11



## STAPLING - KITS



### SL BOSTITCH® Cap Stapler Kit

Increases productivity when installing sisalation and insulation. Fast, easy loading of caps and staples. Flip-open nose for one step jam clearing. Lightweight, durable aluminium housing. Uses 8mm (5/16") SL staples – 19-38mm.

Bonus CAPPAK1 includes 5,000 x 25mm SL Staples and 5,000 x 25mm Bostitch® caps. Kit includes: Cap stapler, 1,000 caps, carry case, tool oil and hex key.

Part Number: SL1838BC



### 23GA Headless Pinner Kit

Adjustable high/low power switch for depth control and longer tool life. Over-molded comfort grip. Ultra quiet rear exhaust directs air away from the user. Side load magazine that houses 200 pins. Lightweight, durable aluminium housing with rugged Bostitch® industrial design.

- Kit includes: Pin nailer, 500 each of 19, 23 and 25mm length of 23GA pins and carry case.

Part Number: HP118K



## STAPLES AVAILABLE FOR VARIOUS STAPLERS

## STAPLING - CABLING STAPLES



### Staples

- Staples to suit TAZ3-CT45 and TAZ3-CT60

Product Code	Description
TACT45/08	6.3mm Cable Staples, 8mm x 5,000/box
TACT45/10	6.3mm Cable Staples, 10mm x 5,000/box
TACT60/10	7.6mm Cable Staples, 10mm x 5,000/box
TACT60/12	7.6mm Cable Staples, 12mm x 5,000/box



## STAPLING - STAPLES



### Staples #140 To Suit TA140EL, TAZ1-140, TAZ3-140, TAA11

- High quality staples
- Also available in bulk packs of 5000



Product Code	Description
TA140/06	No.140 Staples, 6mm x 2,000/box (T50)
TA140/08	No.140 Staples, 8mm x 2,000/box (T50)
TA140/10	No.140 Staples, 10mm x 2,000/box (T50)
TA140/12	No.140 Staples, 12mm x 2,000/box (T50)
TA140/14	No.140 Staples, 14mm x 2,000/box (T50)
TA140/10SS	No.140 Stainless Steel Staples, 10mm x 5m (T50)

## STETHOSCOPE



### Stethoscope

- Sonic diagnostic unit, locates noise in machinery, engines, compressors, transmissions, drive trains, etc.
- Plastic earphones reduce external noise during diagnosis
- 740mm long, 220mm probe extension

Part Number: 301009



## STUD FINDER



### FatMax® 400 Stud Sensor

Large Patented LCD screen for visual detection warning. Quick response ASIC technology. Detects wood or metal studs. Continuous Live Wire detection.

- Multi-read depths: 12mm (1/2"), 25mm (1") and 38mm (1-1/2").

Part Number: 77.730



### IntelliSensor® Stud Sensor 200

Large Patented LCD screen for visual detection warning. Quick response ASIC technology. Continuous Live Wire detection. Soft touch felt strips provide surface protection.

- Multi-read depths: 12mm (1/2"), 25mm (1") and 38mm (1-1/2").

Part Number: 77.720



### IntelliLaser® Pro Laser Line Level/Stud Finder

Pro Laser Line. Level/Stud Finder Leveling, layout and stud locating on vertical and horizontal surfaces. Wood, metal and live wire detection.

- Multi-read depths: 12mm (1/2"), 25mm (1") and 38mm (1 1/2").

Part Number: 77.500





# HAND TOOLS

## SWAGING TOOL



### Swaging/Crimping Tool

- Designed for swaging / crimping copper or aluminium swages
- Forged alloy steel, heat treated jaws produce a tight, clean compression

Part Number	Length	Crimping Capacities
HITCT350/3	350mm (14")	1.5mm, 2.5mm, 3mm
HITCT600/5	600mm (24")	1.5mm, 2.5mm, 3mm, 4mm, 5mm
HITCT750/3	750mm (30")	4mm, 6mm, 8mm
HITCT900	900mm (36")	10mm



### Tool Bag

- 21 Pockets
- Multi-use pockets
- Level/blue print strap
- Heavy duty material and structure
- Rubber feet on base
- Adjustable padded shoulder strap
- Tough reinforced polyester construction
- W: 490mm D: 250mm H: 280mm

Part Number: K7003



## TOOLBAGS



### Carry Bag - Extra Large

- 20 pockets
- Padded shoulder strap
- Large pockets
- Heavy duty zipper
- Velcro sealed pockets
- Tough reinforced polyester material
- Internal dividers with storage pockets and elastic loops
- W: 510mm D: 230mm H: 300mm

Part Number: K7006



## Crescent®

### Toolbags

- Industrial tough
- All tool bags, holsters and belts are made from durable 600 Denier material and are tear and weather resistant
- Rivets for extra strength and durability
- Tough Terylene stitching
- Fully tested and guaranteed

Material No.	Description
CCTB22P	Chair - Folding with Tool Bag
CET2P	Tool Bag - Electricians 11 Pocket plus Tape Holder and Tape Chain and Belt
CTB32P	Tool Bag - 32 Pocket
CSPH	Holster - Pliers/Snips
CTC31P	Tool Carrier - 31 Pocket
CTP8P	Tool Bag - 8 Pocket and Belt
CWA20P	Tool Apron 20 Pocket



### Heavy Duty Tool Bag

- Tough nylon material - fully lined
- Heavy duty zipper
- Heavy duty rubberised base
- Plenty of storage pockets inside and out
- Shoulder carry strap included
- Elastic straps on side for carrying such things as spirit level

Part Number: K070052



16" FatMax® Xtreme™ Open Mouth Bag shown



### Tool Caddy

- 12 pockets
- Soft padded foam handle
- Adjustable straps for level or blueprints
- Sturdy aluminium frame for maximum strength
- Multiple capacity inner and outer pockets
- W: 420mm D: 220mm H: 260mm

Part Number: K7001



### 16" & 18" FatMax® Xtreme™ Open Mouth Bag

- High Quality leather combined with 1200x1200 Denier Nylon.
- Easy access pockets.

Part Number	Dimension
1.93.954	16" - 19 x 39 x 27cm
1.93.956	18" - 51 x 25 x 22cm



**STANLEY**

**FatMax<sup>®</sup> XTREME**

### FatMax<sup>®</sup> Xtreme™ Open Tote

High Quality leather combined with 1200x1200 Denier Nylon. Rigid construction maintains shape. All-metal storage clip for measuring tape storage. Handsaw compartment safely & securely stores the tool.

Part Number: 1.93.957



**STANLEY**

**FatMax<sup>®</sup> XTREME**

### FatMax<sup>®</sup> Xtreme™ Technician's Bag

High Quality leather combined with 1200x1200 Denier. Rigid construction maintains shape. Steel chain and hook for electrical tape storage. Specialty pocket for storage of screwdriver bits. Padded backing for comfortable carrying. Water resistant. Removable centre divider. All aluminium construction carabiner. Dimensions: 29x29x36cm

Part Number: 1.93.958



**STANLEY**

16" FatMax<sup>®</sup> Hard Base Tool Bag shown

**FatMax<sup>®</sup>**

### 16" & 18" FatMax<sup>®</sup> Hard Base Tool Bag

Durable, hard wearing 600x600 Denier Nylon. Ergonomic, rubber gripped handle. Easy-to-pull rubber zippers. Internal tool loops for easy organisation.

Part Number	Dimensions
1.93.949	16" - 44 x 26 x 13cm
1.93.950	18" - 49 x 26 x 10cm



\* Tools sold separately



**STANLEY**

**FatMax<sup>®</sup>**

### FatMax<sup>®</sup> Tool Back Pack

For transporting and storing tools, leaves hands free. Stands in open position. Separate, strong compartment for power tool or laptop. 50 pockets. Removable divider. Dimensions: 350x270x460mm

Part Number: 1.95.611

## TOOL KITS

**SP**

### 163 Piece Metric/SAE Tool Kit

#### Contents

- ROE combination spanners
- 1/4", 3/8" and 1/2" 12pt metric/SAE sockets and accessories
- Pliers and cutters
- Slotted and Phillips screwdrivers
- Hex keys, adjustable wrench and hammer
- 7 drawer custom series tool box

Product Code: SP50100



**SP**

### 269 Piece Metric/SAE Tool Kit

#### Contents

- ROE combination spanners
- 1/4", 3/8" and 1/2" 12pt metric/SAE sockets and accessories
- Pliers and cutters
- Slotted and Phillips screwdrivers
- Hex keys
- Adjustable wrench
- Hammer
- 7 drawer custom series tool box

Product Code: SP50105



**SP**

### 275 Piece Field Service Kit

#### Contents

- Metric ROE combination spanners
- 1/4", 3/8" and 1/2" 12pt metric sockets and accessories
- 3/8" deep metric/SAE sockets
- Pliers and cutters
- Slotted and Phillips screwdrivers
- Impact screwdriver
- Hex keys
- Punch and chisel set
- Adjustable wrench
- Hammer, tape measure, hacksaw and knife
- Inspection mirror, pick up tool and parts tray
- Digital multimeter and circuit tester

Product Code: SP50115





# HAND TOOLS



## 360 Piece Deluxe Metric/SAE Tool Kit

### Contents

- ROE combination, flare and ring spanners
- 1/4", 3/8" and 1/2" 12pt and 12pt deep metric/SAE sockets and accessories
- Pliers and cutters
- Slotted and Phillips screwdrivers
- Hex keys and bit set
- Punch and chisel set
- Adjustable wrench
- Hammers, tape measure and hacksaw
- Pry bar and pick set
- 13 drawer concept roller cabinet

Product Code: SP50740 Nitro Red, SP50742 Hyper Blue  
SP50741 Atomic Green



SPcliklok  
Drawer Locking System

HYPER  
BLUE  
NITRO  
RED  
ATOMIC  
GREEN



## 261 Piece Metric Tool Kit

### Contents

- Metric ROE combination spanners
- 1/4", 3/8" and 1/2" 12pt metric sockets and accessories
- Pliers and cutters
- Slotted and Phillips screwdrivers
- Hex keys
- Punch and chisel set
- Adjustable wrench and hammer
- Pry bar, tweezer and brush set
- 7 drawer concept tool box

Product Code: SP50133 Hyper Blue, SP50136 Nitro Red  
SP50138 Atomic Green



SPcliklok  
Drawer Locking System

HYPER  
BLUE  
NITRO  
RED  
ATOMIC  
GREEN



## 302 Piece Metric/SAE Tool Kit

### Contents

- ROE combination, flare and geardrive spanners
- 1/4", 3/8" and 1/2" 12pt metric/SAE sockets and accessories
- Pliers and cutters
- Slotted and Phillips screwdrivers
- Hex keys
- Punch and chisel set
- Adjustable wrench
- Hammer
- Pry bar, tweezer and brush set
- 7 drawer concept tool box

Product Code: SP50140 Nitro Red, SP50141 Atomic Green  
SP50142 Hyper Blue



SPcliklok  
Drawer Locking System

HYPER  
BLUE  
NITRO  
RED  
ATOMIC  
GREEN

## Crescent®

### 148 Piece Tool Set

- Professional quality
- Chrome Vanadium ratchets, sockets and screwdrivers
- Limited lifetime guarantee
- Includes Metric and Imperial sizes
- Meets A.N.S.I. load specs
- Detailed list of contents @ [website: www.apextoolgroup.com.au](http://www.apextoolgroup.com.au)

Material Number: CTK148MP



## Crescent® Lufkin® Nicholson® Plumb® Weller® Wiss®

### Apprentice Tool Kits

- Download Brochure/Contents List from Website:  
[www.apextoolgroup.com.au](http://www.apextoolgroup.com.au)

Material No.	Description
CTKAC1N	Carpenters 116 Piece Kit
CTKAE2N	Electricians 74 Piece Kit
CTKAP1N	Plumbers 103 Piece Kit
CTKAC400	Carpenters 88 Piece Kit
CTKAE400	Electricians 55 Piece Kit
CTKAP400	Plumbers 117 Piece Kit

## KC TOOLS® PROFESSIONAL

### 323 Piece Toolkit, Metric & AF

- 9 drawer tool chest and 3 drawer rollaway
- BBS
- 1/4, 3/8, 1/2 and 3/4" DR sockets and accessories
- High density foam inserts
- 3/8" reversible drill
- 1/4" die grinder
- Mini brass oiler
- Circlip pliers set
- Various pliers
- Hex & star bit set
- Digital vernier & micrometer
- Steel rule
- Blade feeler gauge
- Screwdriver sets
- Screw extractor set
- Gasket scissors
- Air duster
- Spanner sets
- Hacksaw
- Podger bar
- Knife
- Punch and chisel set
- Adjustable wrenches
- Hammer

Part Number: ATK105BB



KC HDPE  
HIGH DENSITY FOAM INSERTS





## KC TOOLS<sup>®</sup> PROFESSIONAL

### 335 Piece Toolkit, Metric & AF

- 10 drawer tool chest
- BBS
- 1/4, 3/8 and 1/2" DR sockets and accessories
- High density foam inserts
- Spanner sets
- Screwdriver sets
- Various pliers
- Adjustable wrenches
- Hammer
- Hacksaw
- Tinsnips
- Punch and chisel set
- Hex and star bit set
- Screw extractor set
- Blade feeler gauge
- LED torch
- Tape measure
- Podger bar
- Brake adjuster
- Hex key set

Part Number:  
ATK43BB



## KC TOOLS<sup>®</sup> PROFESSIONAL

### 216 Piece Toolkit, Metric & AF

- 6 drawer tool chest
- BBS
- 1/4, 3/8 and 1/2" DR sockets and accessories
- High density foam inserts
- Adjustable wrenches
- Spanner sets
- Various pliers
- Hex and star bit set
- Punch and chisel set
- Screwdriver sets
- Screw extractor set
- Gasket scissors
- Torch
- Tape measure
- Hacksaw
- Podger bar
- Hammer
- Knife

Part Number: ATK45BB



## KC TOOLS<sup>®</sup> PROFESSIONAL

### 695 Piece Toolkit, Metric & AF

- 13 drawer rollaway
- BBS
- Auto-retracting drawers
- 1/4, 3/8, 1/2 and 3/4" DR sockets and acc.
- High density foam inserts
- Spanner sets
- Punch set
- Power tool adaptor set
- Adjustable wrenches
- Digital vernier and micrometer
- Screwdriver sets
- Screw extractor set
- Gasket scissors
- Torch
- Hex and star bit set
- Multi-grips
- Hex key sets
- Hook and pick set
- Magnets and mirrors set
- Dual type standard tyre gauge
- Podger bar
- Gasket scraper set
- Scriber
- Tinsnips
- Tap and die set
- Hacksaw
- Hammer

Part Number: ATK42BB

## KC TOOLS<sup>®</sup> PROFESSIONAL

### 248 Piece Toolkit, Metric & AF

- Wallcabinet
- 1/4, 3/8 and 1/2" DR sockets and acc.
- Spanner sets
- Adjustable wrenches
- Hex key set
- Multi-grips
- Podger bar
- Ball pein hammer
- Brake adjuster
- BBS
- High density foam insert
- Screwdriver sets
- Hex and star bits set
- Various pliers
- Punch and chisel set
- Screw extractor set
- Feeler gauge
- Hacksaw

Part Number: ATK50





# HAND TOOLS



## 261 Piece Toolkit, Metric & AF

- Wallcabinet • HDFI • 1/4, 3/8 and 1/2" DR sockets and acc.
- Spanner sets • Screwdriver sets • Various pliers • Hook and pick set • Hacksaw
- Hammer • Hex key set • Drill bit set • Knife • Punch and chisel set • Feeler gauge
- Adjustable wrenches • Bit set

Part Number: 100TK



## 244 Piece Toolkit, Metric & AF

- 6 drawer tool chest, 3 drawer add-on and 5 drawer rollaway • 1/4, 3/8 and 1/2" DR sockets and accessories • Spanner set
- Screwdriver sets • Various pliers • Hook and pick set • Hacksaw • Hammer • Hex key set
- Drill bit set • Knife • Punch and chisel set • Feeler gauge • Adjustable wrenches • Bit set

Part Number: 105TK



BLUE STEEL

## Tool Workshop

- 867 piece
- Imperial and metric
- 1/4", 1/2", 3/8", 3/4" square drive
- Sockets and socket accessories, hacksaw, spanners, wrenches, screwdrivers and much more...
- W: 1290mm D: 435mm H: 495mm (chest)
- W: 1320mm D: 466mm H: 985mm (trolley)

Part Number: K1818



BLUE STEEL

## Pro User Tool Workshop

- Imperial and metric
- 455 piece
- 1/4", 3/8", 1/2" square drive
- Spanners, hacksaw, hammers, sockets and socket accessories, wrenches, screwdrivers and much more...
- W: 1023mm D: 435mm H: 495mm (chest)
- W: 1043mm D: 461mm H: 985mm (trolley)

Part Number: 21041



## Tool Cabinet - 227 Piece

- Imperial and metric
- 1/4" 3/8" 1/2" square drive
- Spanners, pliers, wrenches, sockets and socket accessories, screwdrivers and much more...
- W: 610mm D: 180mm H: 890mm

Part Number: 21083







**-BLUE STEEL-**

## Giant Tool Workshop

- 331 piece
- Imperial and metric
- 16 drawer
- 1/4" 3/8" 1/2" square drive
- Spanners, pliers, wrenches, sockets and socket accessories, screwdrivers and much more...
- W: 660mm D: 315mm H: 373mm (chest)
- W: 672mm D: 320mm H: 258mm (add-on)
- W: 689mm D: 466mm H: 985mm (trolley)

**Part Number: 21037**



**-BLUE STEEL-**

## Tool Chest - 227 Piece

- Imperial and metric
- 8 drawer
- 1/4" 3/8" 1/2" square drive
- Sockets and socket accessories, spanners, screwdrivers and much more...
- W: 660mm D: 315mm H: 428mm

**Part Number: K1231**



**-BLUE STEEL-**

## Tool Chest - 196 Piece

- Imperial and metric
- 9 drawer
- 1/4", 3/8", 1/2" square drive
- Spanners, pliers, wrenches, sockets and socket accessories, screwdrivers and much more...
- W: 660mm D: 315mm H: 428mm

**Part Number: 21093**



## 94 Piece 1/4" & 1/2" Combination Spanner & Socket Set

94 piece 1/2" & 1/4"  
Case: Oil and temperature resistant polythene  
480 x 290 x 100mm  
Combination Socket & Spanner Set  
Chrome Vanadium – Matt Chrome Plated



Part Number	Description	Size
S87+7	Combination Socket & Spanner Set	1/2" & 1/4"



## 508 Piece Metric & AF Tool Kit

1/4" Drive Sockets & Accessories, 1/4 & 3/8" Drive Tru-Torque (Torx) Sockets, 3/8" Drive Sockets & Accessories, 1/2" Drive Sockets & Accessories, 1/2" Drive Inhex & Spline Sockets, 1/2" Drive Impact Sockets, Ring & Open End Spanners, Geared Wrenches – Stubby, Ring Spanners, Half Moon Ring Spanners, Open End Spanners, Flare Nut Spanners, Screwdrivers, Hex Keys – Long Ball Point, T Handle Hex Keys, Punches & Cold Chisels, Adjustable Wrenches, Pliers, Ball Pein Hammers, Hacksaw, Torque Wrench 1/2", Feeler Gauge Set, Circuit Tester, Strap Wrench, Telescopic Inspection Mirror, Telescopic Magnet, Pry Bar Set, Mechanics Bit Set, Mini Pick and Hook Set, Tape Rule, Trimming Knife, Precision Screwdriver Set, Steel Rules, 10 Drawer Tool Chest, 7 Drawer Roller Cabinet

**Part Number: 10100**



## 205 Piece Metric & AF Tool Cabinet

1/2" Drive Sockets & Accessories, 1/2" Drive Inhex Sockets, Ring & Open End Spanners, Geared Wrenches – Stubby, Ring Spanners, Open End Spanners, Screwdrivers, Hex Keys – Long Ball Point, Punches & Cold Chisels, Adjustable Wrench, Pliers, Ball Pein Hammer, Hacksaw, Feeler Gauge Set, Circuit Tester, Tape Rule, Ratchet Screwdriver & Bit Set, 2 Drawer Wall Cabinet

**Part Number: 10105**



# HAND TOOLS



## 181 Piece Metric & AF Tool Kit

1/4 & 1/2" Drive Sockets & Accessories, Ring & Open End Spanners, Geared Wrenches – Stubby, Ring Spanners, Open End Spanners, Screwdrivers, Hex Keys – Long Ball Point, Punches & Cold Chisels, Adjustable Wrenches, Pliers, Ball Pein Hammer, Hacksaw, Feeler Gauge Set, Circuit Tester, 9 Drawer Tool Chest

**Part Number: 10115**



## 176 Piece Metric & AF Apprentice Tool Kit

1/4, 3/8 & 1/2" Drive Sockets & Accessories, Ring & Open End Spanners, Ring Spanners, Flare Nut Spanners, Screwdrivers, Hex Keys – Long Ball Point, Punches & Cold Chisels, Adjustable Wrenches, Pliers, Ball Pein Hammer, Hacksaw, Feeler Gauge Set, Circuit Tester, 8 Drawer Tool Chest

**Part Number: 10133**



## 118 Piece Metric & AF Tool Kit

1/4 & 3/8" Drive Sockets & Accessories, Ring Spanners, Ring & Open End Spanners, Flare Nut Spanners, Screwdrivers, Hex Keys – Long Ball Point, Punches & Cold Chisels, Adjustable Wrenches, Pliers, Ball Pein Hammer, Hacksaw, 6 Drawer Tool Chest

**Part Number: 10212**



## 115 Piece Metric & AF Tool Kit

1/4, 3/8 & 1/2" Drive Sockets & Accessories, Ring & Open End Spanners, Screwdrivers, Hex Keys – Long Ball Point, Adjustable Wrench, Pliers, Ball Pein Hammer, Heavy Duty 5-Tray Cantilever Tool Box

**Part Number: 10136**



## 66 Piece Metric Tool Kit

1/2" Drive Sockets and Accessories, Ring and Open End Spanners, Screwdrivers, Adjustable Wrench, Pliers, Heavy Duty Cantilever Tool Box

**Part Number: 10142**



## 123 Piece Premium Tool Kit

New Premium Storage, New Style red inserts, Upgraded pliers, New AntiVibe BP Hammer 450g, New Ergo Style Adjustable wrench, 1/4" Sockets 4-10mm & 3/16 – 3/8" + accessories, 1/2" Sockets 10-24mm & 3/8 – 1" + accessories, 18 Hex Keys, Punches & Chisels x 11, Screwdrivers Thru Tang x 8, Shifters 200mm & 300mm, Hacksaw, Mirror, Magnet, Aviation Snips, Pliers Comb, Diag, Long Nose, Locking, Multi Grips, Scissors

**Part Number: 10150**







### 205 Piece Premium Tool Kit

New Premium Storage, Convenient metric top tray, New Style red inserts, Upgraded pliers, New AntiVibe BP Hammer, New Ergo Style Adjustable wrench, 1/4" Sockets 4-10mm and 3/16 - 3/8" + accessories, 3/8" Sockets 10-19mm and 3/8 - 3/4" + accessories, 1/2" Sockets 8-32mm and 3/8 - 1 3/16" + accessories, Spanners ROE 6-32mm & 1/4 - 1-1/4", 18 Hex Keys, Flare Nut Spanners x 9, Geared Spanners Flex Head 10 - 14mm, Punches & Chisels x 10, Screwdrivers x 10, Shifters 150mm and 300mm, Hacksaw, Mirror, Magnet, Aviation Snips, Universal shears, Pliers Comb, Diag, Long Nose, Locking, Circlip Int and Ext, Multi Grips, Feeler Gauge, Circuit Tester, 8M Tape, Utility Knife, T-Handle Ratchet Screwdriver 21 Piece.

Part Number: 10151



### 307 Piece Premium Tool Cabinet

New Premium Storage, Convenient metric top tray, New Style red inserts, Upgraded pliers, New AntiVibe BP Hammer 680g, 1/2" Heavy Duty Impact Wrench 500ft/lb, New Ergo Style Adjustable wrench, 1/4" Sockets 4-10mm and 3/16 - 3/8" + accessories, 3/8" Sockets 10-19mm and 3/8 - 3/4" + accessories, 1/2" Sockets 8-32mm and 3/8 - 1 3/16" + accessories, Impact Sockets 10-32mm, Spanners ROE 6-32mm and 1/4 - 1-1/4", Spanners OE 6x7 - 30x32 and 1/4x5/16 - 1-1/8x1-1/4", 18 Hex Keys, Flare Nut Spanners x 9, Geared Spanners Flex Head 10 - 14mm, Geared Spanners Stubby 10-19mm and 3/8 - 3/4", Speed Spanners 8-19mm, Digital Verniers 200mm, Multimeter with temperature, 1/2" drive Torque Wrench, Inhex Sockets x 22 (standard and Spline drive), Punches and Chisels x 23, Screwdrivers Thru Tang x 8, Shifters 150, 200 and 300mm, Hacksaw, Mirror, Magnet, Aviation Snips, Universal shears, Pliers Comb, Diag, Long Nose, Locking, Circlip Int and Ext, Multi Grips, Feeler Gauge, Circuit Tester, 8M Tape, Utility Knife, T-Handle Ratchet Screwdriver 21 Piece

Part Number: 10152



### 60 Piece Metric & AF Socket & Spanner Set

1/4 and 1/2" Drive Sockets and Accessories, Ring and Open End Spanners, 51141 Replacement Box Only

Part Number: 10175



### 79 Piece 1/4 & 1/2" Square Drive Metric & AF Socket & Spanner Set

7 Metric 1/4" Drive Sockets: 4-10mm, 7 AF 1/4" Drive Sockets: 3/16-3/8", 12 Metric 1/2" Drive Sockets: 8-19mm, 7 AF 1/2" Drive Sockets: 3/8-3/4", 10 Metric ROE Spanners: 8-19mm, 8 AF ROE Spanners: 1/4-11/16", Ratchets, Extension, Universal Joint, Spark Plug Sockets, Adjustable Offset Handle, Bit Holder, 18 Screwdriver Bits, Blow Mould Case

Part Number: 10800



### 46 Piece 3/8" Square Drive Metric & AF Socket & Spanner Set

11 Metric ROE Spanners: 10-20mm, 12 Metric Sockets: 10-20mm, 9 AF Sockets: 3/8-7/8"

Part Number: 10802



### 24 Piece 1/2" Drive Metric Socket Set

1/2" Drive Sockets & Accessories, 19 Metric Sockets: 8-32mm, Compact Head Reversible Ratchet, Extensions: 125, 250mm, Adjustable Offset Handle - 220mm with new design handle grip, Universal Joint, Blow Mould Case

Part Number: 10820



### Socket & Spanner Set 1/2" Drive

- Each spanner fits metric and inch, plus damaged and rounded nuts and bolts
- 30 piece set = 88 piece conventional set



Part Number	Fits
MET-0450	10mm - 31mm or 3/8" - 17/32"



# HAND TOOLS



**STANLEY**

## 57 Piece Carpentry Kit

FatMax® Toolbox, FatMax® Swivel-Lock, Retractable Knife Bench Plane (No.4), Block Plane (No.60-1/2), Hacksaw, FatMax® Handsaw 500mm, JetCut Back Saw, FatMax® Jab Saw, Hole Saw Set, Coping Saw, 5 piece Chisel Set, 3 piece Sharpening Set, FatMax® Tapes 8 & 30 Metres, Folding Rule 1 Metre, Combination Square 300mm, Marking Gauge, Hardwood Bevel 203mm, FatMax® Chalkline Reel Set, Intellisensor® Stud Finder, FatMax® Level 600mm, CL-2 Self Levelling, Crossline Laser Level, FatMax® AntiVibe™ Claw Hammer, Rubber Mallet, 3 piece Cushion Grip, Nail Punch Set, Wonder Bar, 14 piece Screwdriver Set, Adjustable Wrench 300mm, Combination Pliers 200mm, Multigrip Pliers 250mm, Tin Snips Straight/Right Cut 250mm

Part Number: 92.0002



**STANLEY**

## 77 Piece Plumbers Kit

Metal Toolbox 567x248x326mm, FatMax® Swivel-Lock Retractable Knife, FatMax® Hacksaw, FatMax® Jab Saw, JetCut Handsaw 500mm, FatMax® Tapes 8 & 30 Metres, Steel Rule 300mm, Folding Rule 1 Metre, Cast Iron Combination Square 300mm, FatMax® Level 600mm, FatMax® Chalkline Reel Set, Brass Plumb Bob 450g, FatMax® AntiVibe™ Claw Hammer 570g, Ball Pein Hammer 450g, Club Hammer 1.5kg, Tripod Torch, 14 piece Screwdriver Set, 10 Metric Hex Keys, 10 Imperial Hex Keys, Intellisensor® Stud Finder, Multigrip Pliers 250mm, Locking Pliers 250mm, Adjustable Wrenches 150 and 250mm, Pipe Wrenches 250 and 450mm, Diagonal Cutting Pliers 190mm, Combination Pliers 200mm, Tin Snips Straight/Right Cut 250mm, Tin Snips Straight/Left Cut 250mm, Riveter, Punch and Cold Chisel Set, Sidchrome® Cold Chisel 25mm, Tube Cutter, Carpenters Pencil, Safety Glasses, Ear Muffs

Part Number: 92.0003



**STANLEY**

## 15 Piece Pre-Apprentice Kit

Stanley® Tape 8 Metre, Dynagrip Chisel 25mm, Longlife Rule 1 Metre, FatMax® AntiVibe™ Hammer 20oz, Bevel 200mm, Combination Square 300mm, Nail Punch Set 3 Piece, FatMax® Knife, Carpenters Pencil, Safety Glasses, Safety Earmuffs, Storage Bag, Tool Belt

Part Number: 92.0005

## TOOLBOX - CABINETS



**KINCROME**

## Storage Cabinet - 16 Drawer

- Heavy gauge sheet steel with enamelled powder coated finish
- Weight: 6.29kg
- W: 436mm D: 190mm H: 288mm

Part Number: 51002





## High Density Cabinets

- Smooth operating drawer extend to 100% of depth
- Safe locking system enables access to only one drawer at a time
- Flexible: Drawer configurations can be modified, divisions, bins and partitions available
- Sealed roller bearings for reduced maintenance



Part No.	Description	Drawer Configuration	Drawer Capacity
<b>High Density Cabinet - 822mm (H) x 720W x 777D</b>			
<b>HDC8225</b>	5 Drawer Cabinet	1 x 90mm 2 x 120mm 1 x 150mm 1 x 240mm	100kg 200kg 200kg 200kg
<b>HDC8226</b>	6 Drawer Cabinet	2 x 60mm 1 x 90mm 1 x 120mm 1 x 150mm 1 x 240mm	100kg 100kg 200kg 200kg 200kg
<b>HDC8227</b>	7 Drawer Cabinet	3 x 60mm 2 x 90mm 1 x 120mm 1 x 240mm	100kg 100kg 200kg 200kg
<b>HDC8228</b>	8 Drawer Cabinet	3 x 60mm 3 x 90mm 1 x 120mm 1 x 150mm	100kg 100kg 200kg 200kg
<b>High Density Cabinet - 1232mm (H) x 720W x 777D</b>			
<b>HDC12328</b>	8 Drawer Cabinet	1 x 60mm 2 x 90mm 1 x 120mm 3 x 150mm 1 x 240mm	100kg 100kg 200kg 200kg 200kg
<b>HDC12329</b>	9 Drawer Cabinet	1 x 60mm 4 x 90mm 2 x 120mm 1 x 150mm 1 x 240mm	100kg 100kg 200kg 200kg 200kg
<b>HDC123210</b>	10 Drawer Cabinet	3 x 60mm 3 x 90mm 3 x 120mm 1 x 240mm	100kg 100kg 200kg 200kg
<b>HDC123212</b>	12 Drawer Cabinet	5 x 60mm 4 x 90mm 2 x 120mm 1 x 150mm	100kg 100kg 200kg 200kg
<b>High Density Cabinet - 1562mm (H) x 720W x 777D</b>			
<b>HDC156210</b>	10 Drawer Cabinet	1 x 60mm 2 x 90mm 3 x 120mm 2 x 150mm 2 x 240mm	100kg 100kg 200kg 200kg 200kg
<b>HDC156212</b>	12 Drawer Cabinet	2 x 60mm 4 x 90mm 3 x 120mm 2 x 150mm 1 x 240mm	100kg 100kg 200kg 200kg 200kg
<b>HDC156214</b>	14 Drawer Cabinet	4 x 60mm 4 x 90mm 4 x 120mm 2 x 150mm	100kg 100kg 200kg 200kg
<b>HDC156216</b>	16 Drawer Cabinet	8 x 60mm 4 x 90mm 2 x 120mm 2 x 150mm	100kg 100kg 200kg 200kg

## TOOLBOX - CANTILEVER

**STANLEY**

### Single Compartment Tool Box with Cantilever Tray



The top tray is ideal for small tools like sockets and screwdrivers and lifts up out of the way for access to the small parts channel. Full length piano hinge for strength and heavy duty hasp and staple.

- Dimensions: 502x248x265mm (6.5kg)

**Part Number: 92.063**



**STANLEY**

### Five Tray Cantilever Tool Box

Trays ideal for storing sockets.

Dimensions: 464x206x205mm (5.0kg)

**Part Number: 92.142**

## TOOLBOX - CHESTS

**SIDCHROME**

### 9 Drawer Tool Chest

Size: W665 x D305 x H435mm

**Part Number: 50209**



**SIDCHROME**

### 8 Drawer Tool Chest

Size: W665 x D305 x H435mm

**Part Number: 50208**





# HAND TOOLS



## 3 Drawer Tool Chest

Size: W600 x D260 x H325mm

Part Number: 50203



## 8 Drawer Premium Tool Chest

Auto Return Slides (ARS), Industrial Gas Struts, 100% drawer extension allows full access to tools, Heavy gauge steel on critical sections of chest, Rolled edge drawer sides for torsional rigidity, PVC grommets on base prevent scratching, Full length piano hinge on lid for extra strength, Stylish drawer handles, Lockable with Sidchrome branded key ring, All drawers fitted with drawer liners, Fit on top of existing, Sidchrome Roller Cabinets, 665mm (W) x 305mm (D) x 435mm (H).

Part Number: 50248



## Single Compartment Tool Box with Sliding Half Tray

Lockable latch is fitted for added security. Dimensions: 442x152x146mm (2.1kg)

Part Number: 92.031



## Tool Chests

Ball Bearing Slides. Heavy gauge sheet steel. Tough industrial powder coating. Fully extendable drawers. Aluminium drawer handles / moulded side handles. Includes drawer liners. Double walled fabrication. Rolled edge construction. Full length piano hinges. Snap-lock drawers. Double lid support. Lockable drop front.

Part Number	Description	Size
WHI503B	Tool Chest 6 Drawer Ball Bearing	660W x 310D x 370H
WHI510B	Tool Chest 11 Drawer Ball Bearing	660W x 460D x 520H

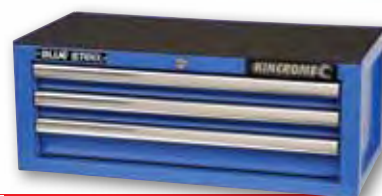


## BLUE STEEL

## Add On Tool Chest - 3 Drawer

- 3 ball bearing slide drawers with protective foam drawer liners, rolled edges and aluminium 'big grip' drawer handles
- Automatic drawer retention system
- Improved internal locking system
- W: 672mm D: 320mm H: 258mm

Part Number: K7763



## BLUE STEEL

## Tool Chest - 10 Drawer

- 10 ball bearing slide drawers with protective foam drawer liners, rolled edges and aluminium 'big grip' drawer handles
- 2 gas strut lid stays
- Internal locking system
- Automatic drawer retention system
- Heavy carry handles with rubber grip
- W: 1290mm D: 435mm H: 495mm

Part Number: K7770



## BLUE STEEL

## Tool Chest - 8 Drawer

- 8 ball bearing slide drawers with protective foam drawer liners, rolled edges and aluminium 'big grip' drawer handles
- 2 gas strut lid stays
- Automatic drawer retention system
- Lockable privacy drawer
- Heavy duty carry handles with rubber grips
- Internal locking system
- W: 1023mm D: 435mm H: 495mm

Part Number: K7760



## BLUE STEEL

## Tool Chest - 6 Drawer

- 6 ball bearing slide drawers with protective foam drawer liners, rolled edges and aluminium 'big grip' drawer handles
- 2 gas strut lid stays
- Internal locking system
- Heavy duty carry handles with rubber grips
- Automatic drawer retention system
- W: 660mm D: 315mm H: 373mm

Part Number: K7766



## BLUE STEEL

## Tool Chest - 10 Drawer

- 10 ball bearing slide drawers with protective foam drawer liners, rolled edges and aluminium 'big grip' drawer handles
- 2 gas strut lid stays
- Automatic drawer retention system
- Lockable front flap
- Internal locking system
- Heavy duty carry handles with rubber grips
- W: 660mm D: 435mm H: 483mm

Part Number: K7755







### 6 Drawer Tool Chest

- All ball bearing slides
- Lockable front panel

Part Number	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
C66BBS	663	307	380	28



### 9 Drawer Tool Chest

- All ball bearing slides
- Rear locking mechanism actuated by lid and cam lock

Part Number	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
C99BBS	663	307	435	32



### Senator 6 Drawer Tool Chest

- Gas struts to secure lid
- 'Lock on' auto return slides for secure closing.
- Rear locking mechanism actuated by closing lid
- Liners for all drawers

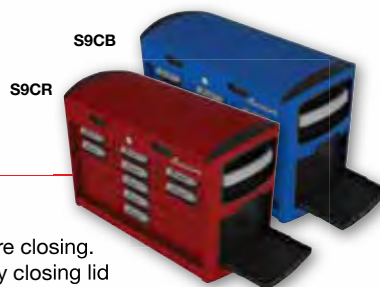
Part No.	Colour	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
S6CB	Blue	700	320	397	25
S6CR	Red	700	320	397	25



### Senator 9 Drawer Tool Chest

- Foldaway side trays on both sides
- Gas struts to secure lid
- 'Lock on' auto return slides for secure closing.
- Rear locking mechanism actuated by closing lid

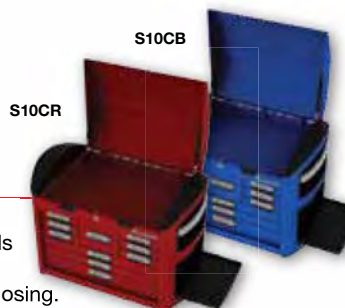
Part No.	Colour	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
S9CB	Blue	700	320	451	29
S9CR	Red	700	320	451	29



### Senator 10 Drawer Deep Tool Chest

- Foldaway side trays on both sides
- Extra deep (480mm) chest for larger tools
- Gas struts to secure lid
- 'Lock on' auto return slides for secure closing.
- Rear locking mechanism actuated by closing lid

Part No.	Colour	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
S10CB	Blue	792	480	548	50
S10CR	Red	792	480	548	50



## TOOLBOXES - CHEST - WIDE



### Senator 8 Drawer Superwide Chest

- Heavy duty side handle on both sides
- Gas Struts to secure lid
- Fitted with 'Lock on' auto return slides
- Designed to fit on Senator Superwide Trolleys
- All drawers with drawer liners
- Fold away side trays on both sides with liners.

Part No.	Colour	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
S8WCB	Blue	1167	480	540	65
S8WCR	Red	1167	480	540	65



### Senator 12 Drawer Superwide Trolley

- Packed with superior features:
- Fitted with 'Lock on' auto return slides
- Heavy duty side handle on both sides
- Lacquered wooden top.
- Large 138mm x 50mm TPR\*\* castors, 2 fixed, 2 swivel with brake.
- Centre locking and all drawers with drawer liners
- Huge bottom right hand drawer
- Great lift up side tables. Maximum weight allowable 3kg
- Delivered fully assembled on pallet

\*\*TPR Thermo Plastic Resin

Part No.	Colour	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
ST12WTB	Blue	1167	480	1016	119
ST12WTR	Red	1167	480	1016	119



## TOOLBOXES - LOW PROFILE



### Aluminium Low Profile Box

- Manufactured from 1.5mm aluminium checkerplate
- Fully welded construction
- Strong hinges to secure lid to body
- Fitted with stainless steel hasp and staple for security

Part No.	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
LP950	950	600	500	16
LP1250	1250	600	500	19
LP1550	1550	600	500	27
LP186050	1770	600	500	37





# HAND TOOLS

## TOOLBOXES - ONE TONNER

DAL1210



AL1500



### Aluminium One Tonner

- Manufactured from 2.0mm, 3003 grade, aluminium checkerplate
- Hinged angled lid, fully welded and fitted with T locks keyed alike
- Full rubber seal and gas struts
- Full length door on DAL1210, ideal for larger items such as welders, compressors, generators, etc.
- supplied with full length shelf (to be fitted by purchaser)

Part No.	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
AL900	900	500	680	25
AL1210	1210	500	680	30
AL1500	1500	500	680	38
DAL1210	1210	500	680	26



SB1210



### Steel One Tonner White

- Fully welding cold rolled steel
- Powder coat white ripple
- T handled locks keyed alike
- Full rubber seal around inside of lid

Part No.	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
SB1210	1210	500	680	48
SB1500	1500	500	680	62

## TOOL BOXES - SAFECASE



### Safe Case - Medium

- Water tight
- Vibration proof
- Dust proof
- Shock proof
- Light weight
- Chemical resistant
- Fully lockable for added security
- Super strong latches
- W: 330mm D: 280mm H: 120mm

Part Number: 51011



## TOOLBOXES - SITE BOX



SITETWO



### Site Box

Site Boxes -

#### THE ULTIMATE IN ON SITE SECURITY

- Contractor One Site Boxes now feature the unique 'Swing 'n Slide' locking system with four secure locking points
- Made from fully welded 1.5mm cold rolled steel
- Provision for fork lift transport
- Extra heavy duty side handles and concealed hinges
- Powder coated yellow gloss for maximum visibility
- Strong gas struts to secure lid
- Using the key unlock the site box then turn the large metal handle to release the 'Swing 'n Slide' locking system and raise the lid. To close simply lower the lid; the whole front slides under the rebated length of the chassis. At the same time two steel bars at the rear of the lid engage with the back of the chassis as the lid slides forward. Insert the key and lock the box. Excellent foolproof security.

Part No.	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
SITEONE	1220	615	700	73
SITETWO	1220	760	850	92
SITETHREE	1000	1000	640	88

## TOOL BOXES - TRADESMANS



### Tradesman Box - Large

- Heavy duty gauge sheet steel, with a charcoal hammertone powder coated finish
- Heavy duty construction
- Chain lid stays
- Hasp and staple locking system
- W: 1200mm D: 450mm H: 360mm

Part Number: 51088

## TOOLBOX - TROLLEY



### 5 Drawer Roller Cabinet

Size: W680 x D460 x H845mm

Part Number: 50215







### 7 Drawer Premium Roller Cabinet

Accessory slots on side for adding utilities, Auto Return Slides (ARS) 100% drawer extension allows full access to tools, Heavy gauge steel on critical sections of chest, Rolled edge drawer sides for torsional rigidity, Heavy duty 5" Castors with foot brake for maximum mobility, Stylish drawer handles, Lockable cabinet with Sidchrome branded key ring, All drawers fitted with drawer liners, Suits full range of Sidchrome tool chests(except the wide body 50218), 680mm (W) x 460mm (D) x 1000mm (H) (height includes castors)

Part Number: 50247



### 7 Drawer Trolley

- All ball bearing slides,
- Big 125mm x 50mm castors, 2 fixed, 2 swivel with brakes
- Centre locking mechanism on drawers with cabinet lock



Part Number	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
T77BBS	680	460	1000	68



### Senator 7 Drawer Trolley

- Lock on® auto' return slides.
- Heavy duty side handle on both sides.
- 125mm x 50mm castors, 2 fixed, 2 swivel with brake.
- Centre locking mechanism with cabinet lock.
- Fold away side trays on both sides with liners.
- Fitted top mat.
- Safe One™ feature allows only one drawer to be opened at a time



Part No.	Colour	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
S7TB	Blue	793	480	1007	72
S7TR	Red	793	480	1007	72



### Roller Cabinets

Ball Bearing Slides. Heavy gauge sheet steel. Tough industrial powder coating. Fully extendable drawers. Aluminium drawer handles for easy grip. Includes drawer liners and top mat. Complete with heavy duty 250kg castors; fixed and 2 swivel with brakes. Double walled fabrication. Rolled edge construction. Snap-lock drawers.

Part Number	Description	Size
WHI753B	Roller Cabinet 16 Drawer	1040W x 460D x 1020H
WHI880B	Roller Cabinet 56" 13 Drawer	1430W x 610D x 1000H



BLUE STEEL

### Tool Trolley - 7 Drawer

- 7 ball bearing slide drawers with protective foam drawer liners, rolled edges and aluminium 'big grip' drawer handles
- Automatic drawer retention system
- Internal locking system
- Complete with 2 fixtures and 2 swivel, 5" x 2" castors with brakes
- W: 689mm D: 466mm H: 985mm

Part Number: K7767



BLUE STEEL

### Tool Trolley - 10 Drawer

- 10 ball bearing slide drawers with protective foam drawer liners, rolled edges and aluminium 'big grip' drawer handles
- Internal Locking system
- Oval shaped, ergonomic handle
- 2 fixed and 2 swivel castors with brakes
- Protective mat on top of trolley
- Automatic drawer retention system
- W: 1320mm D: 466mm H: 985mm

Part Number: K7775



## TOOLBOXES - TRUCK



### Aluminium Truck Box

- Manufactured from 1.5mm aluminium checkerplate
- Fully welded construction
- Strong hinges to secure lid to body
- Keyed locks on AL1250 and AL1450 stainless steel hasp and staple on AL765

Part No.	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
AL765	765	335	250	6
AL1250	1250	380	380	14
AL1450	1450	520	465	21



### Steel Truck Box

- Fully welded
- Made from 1.5mm cold rolled steel
- Zinc coated for rust protection
- Strong chains
- Extra HD hasp and staple
- Powder coat white ripple
- Stainless steel external fittings

Part No.	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
SB765	765	335	315	20
SB1200	1200	440	360	34.5





# HAND TOOLS



**CONTRACTOR ONE**

## BKAT Steel Truck Boxes

- Sealed bearing slides rated to 100kg
- Fully welded cold rolled steel
- Ideal for the travelling tradesperson
- T handle keyed locks
- Powder coated white with weather seal to keep out dust
- 2 x heavy duty drawers
- 4 x heavy duty handles except on BKAT1770
- Locking rods to secure drawers

Part No.	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
BKAT700	700	600	750	68
BKAT1210	1210	600	750	108
BKAT1500	1500	600	750	130
BKAT1210SQ	1210	600	520	90
BKAT1770	1770	600	750	185

**KINCROME**  
PROFESSIONAL QUALITY TOOLS

SCRATCH RESISTANT  
POWDER COAT FINISH

## Truck Box - 3 Drawer

- 4 lift-out trays with storage well and 3 full sized large drawers
- Locking system and 4 carry handles
- Weather resistant
- Water gutters in both drawers
- Lockable latch
- W: 700mm D: 405mm H: 590mm

Part Number: 51085



**KINCROME**  
PROFESSIONAL QUALITY TOOLS

## Truck Box Set - 3 Piece

- Small (765mm), medium (1230mm), large (1450mm)
- Heavy duty gauge aluminium chrome plated
- Fully welded construction
- Stainless steel hinges

Part Number: 51030



## TOOLBOXES - UNDER TRAY

**1-11**  
Tool Storage Specialists

UTBL



## Aluminium Under Tray Box

- Lockable T Box and reinforced lining
- Made from 1.5mm aluminium checkerplate
- Reinforced fitting plate x 2

Part No.	Position	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
UTBL	Left	750/520	270	400	7
UTBR	Right	750/520	270	400	7

## TORQUE MULTIPLIER

**W&B**  
PRECISION TOOLS

### Torque Multiplier - M18

Torque Ratio:	4:1
Maximum Input:	437Nm / 322ft.lbs.
Maximum Output:	1750Nm / 1290ft.lbs.
Input Drives:	Male Hex 38mm / 1.1/2"
	Female Square 19mm / 3/4"
Output Drive:	Male Square 19mm / 3/4"
Length (ex. Reaction Foot):	196mm / 7.7"
Maximum Diameter:	82mm / 3.2"
Part Number:	M18



### Torque Multiplier - M30

Torque Ratio:	12:1
Maximum Input:	250Nm / 184ft.lbs.
Maximum Output:	3000Nm / 2208ft.lbs.
Input Drives:	Male Hex 38mm / 1.1/2"
	Female Square 19mm / 3/4"
Output Drive:	Male Square 25.4mm / 1"
Length (ex. Reaction Foot):	263mm / 10.3"
Maximum Diameter:	95mm / 3.7"
Part Number:	M30



### Torque Multiplier - M60

Torque Ratio:	40:1
Maximum Input:	150Nm / 110ft.lbs.
Maximum Output:	6000Nm / 4400ft.lbs.
Input Drives:	Male Hex 38mm / 1.1/2"
	Female Square 19mm / 3/4"
Output Drive:	Male Square 38mm / 1.1/2"
Length (ex. Reaction Foot):	352mm / 13.8"
Maximum Diameter:	110mm / 4.3"
Part Number:	M60



### Torque Multiplier - 301000

Torque Ratio:	3:1
Maximum Input:	460Nm / 340ft.lbs.
Maximum Output:	1400Nm / 1000ft.lbs.
Input Drive:	12.7mm / 1/2"
Output Drive:	Male Square 19mm / 3/4"
Part Number:	301000

### Torque Multiplier - 302000

Torque Ratio:	3:1
Maximum Input:	900Nm / 650ft.lbs.
Maximum Output:	2700Nm / 2000ft.lbs.
Input Drive:	19mm / 3/4"
Output Drive:	Male Square 25.4mm / 1"
Part Number:	302000



**KC TOOLS**  
PROFESSIONAL

### Torque Multiplier

- 3/4" DR 880Nm input
- 1" DR 2700Nm output
- 3260g

**Part Number: 08520**

**KC TOOLS**  
PROFESSIONAL

### Torque Reaction Bar

- 4000 grams

**Part Number: 08520RB**


Sykes-Pickavant.

### Torque Multipliers

- Compact, 5:1 multiplication ratio
- Supplied with reaction bars, in plastic storage case



Part No.	Gear Train	Max Input	Max Output	Output Drive
800600	Single Stage Epicyclic	340Nm	1300Nm	3/4" Sq. Dr

## TORQUE - WRENCH

**KC TOOLS**  
PROFESSIONAL


### Torque Wrenches

- All these torque wrenches have a quick lock mechanism and a tolerance of  $\pm 4\%$

Part No.	Description	Max Input	Max Output	Output Drive
H47	1/4" DR Torque Wrench	5-26 Nm	3-20ft lb	350mm
H48	3/8" DR Torque Wrench	5-29 Nm	3-20ft lb	385mm
H49	3/8" DR Torque Wrench	20-110 Nm	15- 80ft lb	385mm
H50	1/2" DR Torque Wrench	42-210 Nm	30-150ft lb	535mm
H51	1/2" DR Torque Wrench	68-340 Nm	50-250ft lb	645mm
H52	3/4" DR Torque Wrench	68-405 Nm	50-300ft lb	865mm
H53	3/4" DR Torque Wrenc	135-950 Nm	100-700ft lb	1092mm
H54	1" DR Torque Wrench	135-950 Nm	100-700ft lb	1230mm

**KC TOOLS**  
PROFESSIONAL


### Reversible Torque Wrench

- 70-350 Nm
- 645mm

**Part Number: H250**

**KINCROME**  
PROFESSIONAL QUALITY TOOLS

### Deflect Beam Torque Wrench - 1/2 Sq Drive

- Deflecting beam mechanism - no spring
- Dual signal - audible click and visual
- Sliding scale
- Protective blow mould case
- Range: 20 - 220 FT/lb

**Part Number: K8030**

**KINCROME**  
PROFESSIONAL QUALITY TOOLS

### Micrometer Torque Wrench - 3/8 or 1/2 Sq Drive

- Dual scale Torque wrench 5 - 80Ft/lb (MTW80F)
- Dual scale Torque wrench 10 - 150Ft/lb (MTW150F)
- Easy locking, easy grip handle
- No pointer or dial to monitor
- Can be used in the dark, blind spots, in oil, in noisy surroundings and on vibrating machinery

**Part Number: MTW80F / MTW150F**
**BAHCO**


### Electronic Torque Angle Wrenches

Fixed ratchet head, adjustable angle settings from 5° to 360°. Measurement of torque and angle in one operation.

Part Number	Description	Size
IZO-DAG-135	7-135 Nm 450mm Handle	3/8"
IZO-DAG-340	34-340 Nm 650 Handle	1/2"

Sykes-Pickavant.



### Torque Wrenches - Motorq

- 72 tooth ratchet head with reverse slide control
- Simple, positive torque locking knob prevents accidental alteration of setting
- Dual scale - Nm and lbf.ft
- Accurate to + or - 3% of full scale
- Manufactured to ISO6789 standard
- Chemical resistant lens for clear reading of scale
- Supplied with calibration certificate, traceable to National Standards

Part No.	Description	Drive Sq. Dr	Range Nm	Range lbf.ft	Length
800020	Motorq 20	3/8"	4-20	40-180	220mm
800060	Motorq 60	3/8"	8-60	5-45	307mm
800100	Motorq 100	3/8"	20-100	15-80	347mm
800200	Motorq 200	1/2"	40-200	30-150	443mm
800300	Motorq 300	1/2"	60-300	45-220	570mm
800400	Motorq 400	3/4"	150-700	100-500	1150mm
800500	Motorq 500	3/4"	300-1000	200-750	1475mm



### Big Stick Pre-Set Truck Torque Wrench

Designed for the trucking industry and fleet applications.

#### Features

- Massive 55" (1.4m) length for high torque requirements
- Preset torque for "no-hassle - quick use"
- Available in 3/4" drive for reversible ratchet
- Torque range choices from 350-600ft.-lbs.
- Supplied in handy soft storage bag with zippered compartments for accessories
- Reflective surfaces for safe highway use at night

When selecting this wrench please nominate a preferred torque specification

**Part Number: 346600**



# HAND TOOLS



## Deflecting Beam Torque Wrenches

These world renowned Dual-Signal Torque wrenches employ the principle of applying torque to a deflecting beam rather than a coil spring. This helps prolong wrench life, with a greater safety margin on maximum loading throughout the range of each wrench.

The operator can see and hear when a Dual-Signal Torque Wrench reaches the selected torque. When working in a noisy situation, the signal can be seen; alternatively, if the operator cannot see the signal, he can hear it. In addition, the operator can usually feel when the signal mechanism releases.

### Features:

- Dual-Signal (see and hear when the wrench has reached the selected torque)
- Rigidity
- Accuracy
- Repeatability
- Durability
- Meets or exceeds Australian standards



Part Number	Description	Size
320500	10-220in.lbs / 1-25Nm	3/8"
320510	10-220in.lbs / 1-25Nm	1/4"
321500	4-90ft.lbs / 5-120Nm	3/8"
322500	10-140ft.lbs / 10-185Nm	1/2"
323500	20-220ft.lbs / 30-300Nm	1/2"
324150	80-400ft.lbs / 100-540Nm	3/4"
324500	50-300ft.lbs / 60-400Nm	3/4"
325500	100-500ft.lbs / 140-680Nm	1"
325510	100-500ft.lbs / 140-680Nm	3/4"
325520	100-500ft.lbs / 140-680Nm	3/4"
325750	150-750ft.lbs / 205-1020Nm	3/4"
326500	200-1000ft.lbs / 260-1340Nm	1"



## Micrometer Adjustable Torque Wrenches

Micrometer Adjustable "Automatic Reset" Torque Wrenches feature a distinct breaking action when the set torque is reached. The breaking action is greatest at the upper level of the scale where there is more pressure on the spring. Once the pressure is released, the wrench will automatically reset itself, ready to operate again.

### Features:

- Left and right hand operation
- Ratchet head
- English and metric scales
- Positive lock with spring loaded pull down lock ring
- Super rugged knurled metal handle for industrial use
- Socket locking device
- Durable and accurate
- Meets or exceeds Australian standards

Part Number	Description	Size
370000	30-200in.lbs / 3.9-22Nm	3/8"
370000B	30-200in.lbs / 3.9-22Nm	1/4"
370050	10-50in.lbs / 14-54dNm	1/4"
371000	5-75ft.lbs / 10.2-98.3Nm	3/8"
371080	10-80ft.lbs / 16.9-105.1Nm	3/8"
371100	10-100ft.lbs / 16.9 - 132.2Nm	3/8"
372000	20-150ft.lbs / 34-197Nm	1/2"
373000	30-200ft.lbs / 47-264Nm	1/2"
374000	30-250ft.lbs / 47-332Nm	1/2"
375000	80-400ft.lbs / 142-508Nm	3/4"
376000	100-600ft.lbs / 169-779Nm	3/4"
377000	200-1000ft. lbs / 305-1320Nm	1"



## Dial Type Torque Wrenches

Our extensive range of Dial-Type Wrenches are "State Of The Art" torque wrenches. The exclusive Torsion Beam Design provides long life and accuracy.

### Features:

- Large Easy to read Dial
- Equally accurate in both left and right hand directions
- Exclusive bi-polar dual English and metric scales permits accurate reading of both scales
- Torsion Drive design
- Follower Needle to record highest reading
- Easy to operate
- Accurate
- Durable
- Meets or exceeds Australian standards

Part Number	Description	Size
MD15 I /18	0-15in.lbs / 0-18dNm	1/4"
MD30 I /3.5	0-30in.lbs / 0-3.5Nm	1/4"
MD75 I /9	0-75in.lbs / 0-9Nm	1/4"
MD150 I /18	0-150in.lbs / 0-18Nm	3/8"
MD250 I /30	0-250in.lbs / 0-30Nm	3/8"
MD300 I /35	0-300in.lbs / 0-35Nm	3/8"
MD600I/70	0-600in.lbs / 0-70Nm	3/8"
MD25/35	0-25ft.lbs / 0-35Nm	3/8"
MD50/70	0-50ft.lbs / 0-70Nm	3/8"
MD100/140	0-100ft.lbs / 0-140Nm	1/2"
MD175/240	0-175ft.lbs / 0-240Nm	1/2"
MD250/350	0-250ft.lbs / 0-350Nm	1/2"
MD350/480	0-350ft.lbs / 0-480Nm	3/4"
MD600/800	0-600ft.lbs / 0-800Nm	3/4"



## Digital Read-out Torque Wrenches

The Warren & Brown Electronic Torque Wrench is a simple to use digital readout wrench that displays real time torque values in any of four torque units, ft.lbs., in.lbs., Nm, kg.cm. Simply set the desired torque value and apply force until the green LED illuminates. Great for light industrial, automotive, motorcycle, watercraft and aircraft applications.

### Features:

- Sleek New Design
- 15 degree flex ratcheting head
- Push button socket release head
- Large, easy to read digital display
- Ergonomically designed
- Non-slip rubber grip
- Operates in both clockwise and counterclockwise directions
- LED warning indicator - YELLOW LED Indicates Approaching desired torque setting, GREEN LED Indicates desired torque value reached, RED LED indicates fastener was overtorqued, loosen and retighten

Part Number	Description	Size
378000	24-240in.lbs / 3-27Nm	1/4"
378100	5-100ft.lbs / 14-136Nm	3/8"
378200	25-250ft.lbs / 34-338Nm	1/2"





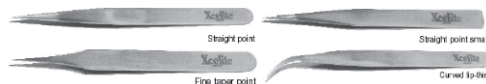
## Torque Wrenches & Inserts

Clicking torque wrench with mount for interchangeable socket tools, rapid accurate setting using QuickSelect quick-action adjuster, with Quick Release safety lock, double stop signals, very clear twin scales with colour coded Nm/ft.lb markings and long term repeated accuracy. Ratchet insert tools are reversible with 60 teeth.

Part Number	Description
SW730N/10	Torque Wrench 20-100Nm. (15-75 ft.lb)
SW730N/12	Torque Wrench 25-130Nm. (20-95 ft.lb)
SW730N/20	Torque Wrench 40-200Nm. (30-150 ft.lb)
SW730N/40	Torque Wrench 80-400Nm. (60-300 ft.lb)
SW730N/65	Torque Wrench 130-650Nm. (100-480 ft.lb)
SW735/10	Torque Wrench Ratchet Head 1/2" Drive (Suits 730N/10)
SW735/20	Torque Wrench Ratchet Head 1/2" Drive (Suits 730N/12/20/40/65)
SW735/40	Torque Wrench Ratchet Head 3/4" Drive (Suits 730N/12/20/40/65)

## TWEEZERS

Xcelite®



### Premium Stainless Steel Tweezers

- High quality
- For electronic use
- Manufactured from anti-magnetic, anti-acid stainless steel
- Working tips hand finished for precise alignment

Material No.	Description
XSST3V	Straight Point
XSST4V	Fine Taper Point
XSST7V	Curved Tip Thin

## VICE - DRILL PRESS



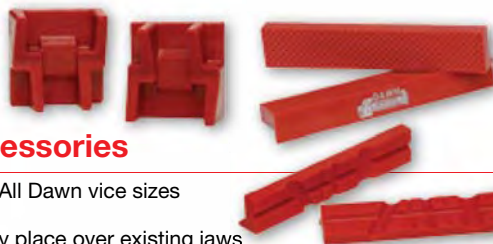
### Unigrip Drill Press Vices

- Ideal for drill stands, bench drills and drill presses.
- Compact low profile design
- Prism grooved jaws – horizontal and vertical
- Spindle screw which moves inside the handle



Part Number	Jaw Width (mm)	Part Number	Jaw Width (mm)
61560	75	61563	150
61561	100	61564	200
61562	125		

## VICE - JAWS



### Vice Jaws Accessories

- Replacement jaws – All Dawn vice sizes
- Soft jaws:
  - Easy to use, simply place over existing jaws
  - Protects work piece from scoring or marking
  - Available in standard serrated face or multigrips face for holding a variety of round objects in a variety of angles
  - Sizes: 100, 125 and 150mm
- Pipe jaw adaptors
  - Converts any Dawn vice, straight or offset, into a pipe vice
  - Holds pipe or round objects vertically or horizontally
  - Either plastic to prevent scoring of work-piece or ductile iron for heavy duty applications
  - Magnetic backing to ensure jaws remain fixed to vice
  - Easily used and applied.

IRWIN  
Record®

## Drill Press Vices



- Unique swivel jaw for any shaped work piece (414 only)
- Precision-machined base and face for stable horizontal or vertical mounting
- Horizontal and vertical (414 only) v-grooved jaws provide excellent grip when clamping pipes
- Cross-drilled handle with tommy bar for extra leverage
- High quality cast iron body and sliding jaw

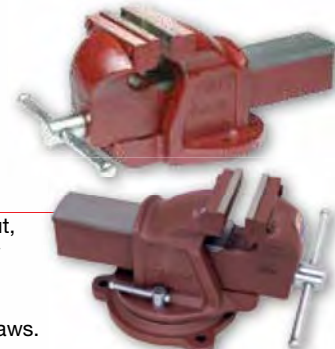
Part Number	Description	Size
414	Drill Press Vice	229mm
PV3B	Drill Press Vice	213mm

## VICE - ENGINEERS / OFFSET



### Vice Engineering Standard

- High strength cast iron body, slide and nut, corrosive resistant ACME threaded screw
- Swarf deflector
- Forged steel handle
- 'V' notched, case hardened replaceable jaws.



Part No.	Vice Size Jaw Width (mm)	Part No.	Vice Size Jaw Width (mm)
Standard Base		Swivel Base	
60153	100	60163	100
60155	125	60165	125
60156	150	60166	150
60157	200	60167	200



### Vice Engineering Offset

- Offset head which allows the user to work on long vertical sections with the full width of the jaws without obstruction from the main body of the vice
- High strength cast iron body, slide and nut
- Corrosive resistant ACME threaded screw
- Forged steel handle



Part No.	Vice Size Jaw Width (mm)
60178	100
60180	125
60181	150

## VICES - FABRICATED

IRWIN  
Record®

### Offset Engineers Steel Vice

- Durable all steel construction
- Offset jaws provide superior perpendicular clamping
- For heavy duty applications

Part Number: OS150



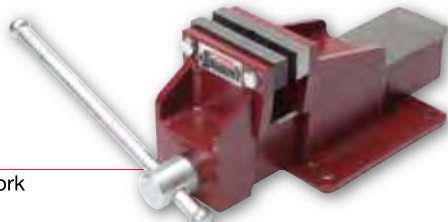


# HAND TOOLS



## Fabricated Straight Engineers Vices

- Designed for all heavy duty work
- Manufactured from steel plate
- Precision machined bearing surface ensuring smooth operation.

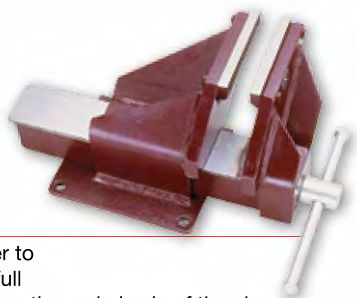


Part No.	Vice Size Jaw Width (mm)	Part No.	Vice Size Jaw Width (mm)
60205	100	60207	150
60206	125	60208	200



## Fabricated Offset Engineers Vices

- 'Offset advantage' which allows the user to work on long vertical sections with the full width of the jaws without obstruction from the main body of the vice.



Part No.	Vice Size Jaw Width (mm)	Part No.	Vice Size Jaw Width (mm)
60212	100	60214	150
60213	125	60215	200

## VICE - MACHINE



## Machine (Drill Press) Vices

- Accurately machined slide
- Corrosion resistant screw and forged handle
- ACME thread screw
- Case hardened, replaceable, 'V' notched jaws



Part Number	Vice Size Jaw Width (mm)
60219	75
60220	100
60221	125



## Hold-Tight Machine Vice

- Used for all kinds of milling, grinding, drilling work, etc.
- The movable jaw is prevented from being raised while clamped.

Product Number: 6523-155



## Drilling Machine Vice

- Ideal for Drilling & Milling operations



Part Number	Description	Size
6543-85	Drilling Machine Vice	85mm
6543-100	Drilling Machine Vice	100mm
6543-125	Drilling Machine Vice	125mm
6543-150	Drilling Machine Vice	150mm
6538-85	Drilling Machine Vice with Ball Bearing Screw	85mm
6538-100	Drilling Machine Vice with Ball Bearing Screw	100mm



## Machine Vice with Rear Jaw Removable

- Can be used with Milling, Drill Presses, etc.
- Low sturdy design makes this vice a popular unit



Part Number	Description	Size
6512-100	Machine Vice Rear Jaw Removable	100mm
6512-125	Machine Vice Rear Jaw Removable	125mm
6512-160	Machine Vice Rear Jaw Removable	160mm
6512-200	Machine Vice Rear Jaw Removable	200mm
6512-250	Machine Vice Rear Jaw Removable	250mm



## Swivel Machine Vice with Rear Jaw Removable

- Can be used with Milling, Drill Presses, etc.
- Low sturdy design makes this vice a popular unit
- Incorporates a swivel base



Part Number	Description	Size
6537-100	Swivel Machine Vice Rear Jaw Removable	100mm
6537-125	Swivel Machine Vice Rear Jaw Removable	125mm
6537-160	Swivel Machine Vice Rear Jaw Removable	160mm
6537-200	Swivel Machine Vice Rear Jaw Removable	200mm
6537-250	Swivel Machine Vice Rear Jaw Removable	250mm



## Machine Vice with Hydraulic Spindle

- Heavy duty machine used in operation where large clamping force is required



Part Number	Description	Size
6516-125	Machine Vice Hydraulic Spindle	125mm
6516-160	Machine Vice Hydraulic Spindle	160mm
6516-200	Machine Vice Hydraulic Spindle	200mm



## Cam-Lock Machine Vice

- The rear movable jaw can be placed in different positions through a unique cam locking system



Part Number	Description	Size
6517-100	Cam-Lock Machine Vice	100mm
6517-125	Cam-Lock Machine Vice	125mm
6517-200	Cam-Lock Machine Vice	160mm



## VICES - MECHANICS

**IRWIN**  
**Record**

### Mechanics Vices

- Replaceable hardened steel jaws
- Top quality grey iron
- Fully machined on all load-bearing surfaces
- Safety stop prevents slide separating from body
- Unbreakable iron nut can be replaced when worn
- Fused steel handle will bend before vice can be overstressed
- Acme twin start thread for a smooth and fast wind
- Replaceable hardened steel jaws



Part Number	Description	Size
1	Mechanics Vice	75mm
3	Mechanics Vice	100mm
4	Mechanics Vice	115mm
5	Mechanics Vice	125mm
6	Mechanics Vice	150mm
8	Mechanics Vice	205mm

**ECLIPSE**

### Vice - Mechanics

- High quality grey cast iron body and sliding jaws
- Hardened steel replaceable jaw plates
- Precision milled slide
- Fixed hole for bench mounting



Product Code	Size
EC-EMV1	3"
EC-EMV3	4"
EC-EMV5	5"
EC-EMV6	6"
EC-EMV8	8"

## VICES - PIN

**ECLIPSE**

### Pin Vice Set

- Hand held pin vices designed for holding small drill bits
- Hollow handle enables material greater than the overall length of the pin chuck to be used
- Set of 4 containing 1 of each of EC-121, EC-122, EC-123 and EC-124

**Product Code: EC-120**

Also available Pin Chuck with 3 Collets

**Product Code: EC-160**



## VICE - PIPE

**DAWN**  
Quality Tools  
Vices & Clamps  
Est. 1977 - Australia

Proudly  
Australian  
Designed  
Proudly  
Australian  
Made

### Pipe Vices

- Popular sturdy, compact design plumbers tool,
- Chain type bottom screw which tightens rapidly providing a powerful grip rendering the pipe immovable
- Super grade ductile iron
- High tensile chain
- Extra chain lengths can be added to hold larger diameter pipe



Part Number	Vice Size Jaw Width (mm)
60272	65
60273	120
60274	175

**IRWIN**  
**Record**

### Chain Pipe Vices

- Cast from S.G. ductile iron
- Drop forged heat treated steel jaws
- Ideal for use in confined spaces



Part Number	Description	Size
181C	Chain Pipe Vice	1mm-60mm
183C	Chain Pipe Vice	15mm-220mm

## VICES - TABLE

**DAWN**  
Quality Tools  
Vices & Clamps  
Est. 1977 - Australia

### Cross Slide Vice Tables

- Cross slide table enables any Dawn vice to have a cross slide capability in X and Y axis
- Swivel base model also available for rotary capability
- Sturdy construction
- T Slot mounting
- Adjustable slide tension
- Table position locking capability
- Ideal for repetitive multi axis work and repetitive jobs



Part Number	Table Size (mm)
62171	225 x 175
62174	225 x 175 (swivel)
62178	475 x 155



# HAND TOOLS

## VICE - UTILITY

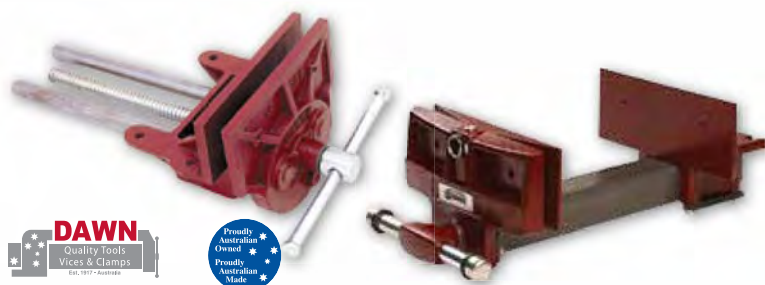


### Forged Steel Utility Vice Complete With Pipe Jaws and Anvil

- Manufactured from forged steel
- Pipe vice jaws
- Large anvil
- Fixed or swivel base
- Corrosion resistant zinc plated handle.

Part No.	Fixed Base Jaw Width (mm)	Part No.	Swivel Base Jaw Width (mm)
60420	100	60430	100
60421	125	60431	125
60422	150	60432	150
60423	175	60433	175

## VICES - WOODWORKING



### Dawn - Woodworking Vices

- Robust castings
- Generous jaw area
- Square body for ease of fitting to bench
- Large diameter slide bars for smooth parallel operation

Part No.	Jaw Width (mm)	Part No.	Vice Size Jaw Width (mm)
63144 (Quick Action)	175	60241	175
63245	175	60242	200
63218 (Quick Action)	250	60243	225
63246	250	60244	250
		60247 (Peg)	175



### Woodworking - Quick Release

- High quality steel slide rods and single start thread
- Fitted with adjustable front stop
- Quick release trigger
- Tommy bar will bend before the vice becomes over stressed

Product Code	Size
EC-EWWQR7	7"
EC-EWWQR9	9"

## WORKBENCHES



### Workbench-Steel

- 3mm Rolled Steel Construction
- 2000(L) x 860(H) x 640(W)mm
- 3 Lockable Drawers - 1.5mm Steel
- Nett Weight: 100.8kg

Part Number: 1012



MOD 1



MOD 2



MOD 3



MOD 4



### Modular Workbench

- Superb high quality workbenches available in a variety of configurations
- Bench top made from 3mm plate steel section
- Load capacity 800kg
- Powder coated blue finish with black top

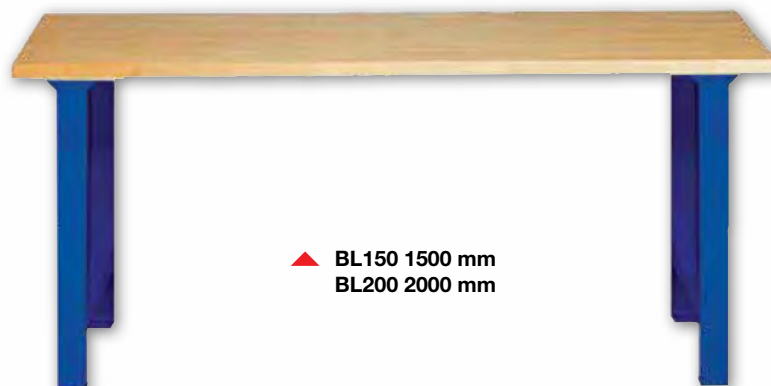
Part No.	Description	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
MOD1	Stationary work bench	1800	750	900	84
MOD2	Workbench with single drawer & cabinet	1800	750	900	114
MOD3	Workbench with 2 drawers	1800	750	900	97
MOD4	Workbench with 6 drawers & cabinet	1800	750	900	145



## Actiwork - Heavy Duty Workbenches

Ergonomic workstations are modular and easily adapted for different projects. Some models are height adjustable to suit all operatives, resulting in maximum comfort and increased productivity.

Bench widths ranging from 1,000mm to 2,000mm. Mobile models available. Various arrangements of drawers available. Workstations can be customised to suit any workspace. Standard height 870mm.



▲ **BL150 1500 mm**  
**BL200 2000 mm**



▲ **BL200-08**



▲ **MG103S**  
with options



▲ **BL150**  
with drawers and  
stainless steel top

Part Number	Product Description	Top/Frame Construction	Finish	Size (w x d x h) (mm)
<b>SL100</b>	H/D Workbench	Steel/steel	Powdercoat	1000 x 800 x 870
<b>BL100</b>	H/D Workbench	Timber/steel	2 Pak polyurethane	1000 x 800 x 870
<b>MG101S</b>	H/D Workbench	Steel/steel	Powdercoat	1000 x 800 x 870
<b>SL150</b>	H/D Workbench	Steel/steel	Powdercoat	1500 x 800 x 870
<b>BL150</b>	H/D Workbench	Timber/steel	2 Pak polyurethane	1500 x 800 x 870
<b>MG102S</b>	H/D Workbench	Steel/steel	Powdercoat	1500 x 800 x 870
<b>SL200</b>	H/D Workbench	Steel/steel	Powdercoat	2000 x 800 x 870
<b>BL200</b>	H/D Workbench	Timber/steel	2 Pak polyurethane	2000 x 800 x 870
<b>MG103S</b>	H/D Workbench	Steel/steel	Powdercoat	2000 x 800 x 870

Worktop Options
Galvanised
Stainless steel
Bunded
Laminate
Arbophen synthetic
Rubber/vinyl
Bench Options
Drawers units
Rear and overhead rails
Vices
Oil drains



# HAND TOOLS

## WRENCHES - ADJUSTABLE



### Super Wide Opening Design

Where size matters. The large jaw opening on a shorter handle gives lighter weight and greater accessibility in confined spaces. Ideal for plumbing, maintenance etc. The ErgoTop rubber grip protects against damage to surrounding surfaces and allows more pressure to be applied to the handle.

Part No.	Size	Jaw Opening	Part No.	Size	Jaw Opening
<b>SWO-06</b>	6" - 150mm	34mm	<b>SWO-08</b>	8" - 200mm	39mm
<b>SWO-MERCH</b>	Merchandise with 6 each of 6" and 8" wrenches				



### Adjustable Wrench Traditional Design

Manufactured in Spain exceeding the highest standards including ISO 6787, DIN 3117, BS6333, ASME B107.8M. Perfectly parallel jaw surfaces ensure grip of nut. Precision ground jaw slides provide smoother action and accurate adjustment of jaw and handle. Chrome models are triple coated (2 Ni + 1 Cr) for perfect chrome adherence and maximum rust resistance.

Size	Jaw Opening	Part No.	Finish	Part No.	Finish
4" - 100mm	13mm	<b>7704</b>	Chrome	<b>B7704</b>	Black
6" - 150mm	19mm	<b>7706</b>	Chrome	<b>B7706</b>	Black
8" - 200mm	24mm	<b>7708</b>	Chrome	<b>B7708</b>	Black
10" - 250mm	29mm	<b>7710</b>	Chrome	<b>B7710</b>	Black
12" - 300mm	34mm	<b>7712</b>	Chrome	<b>B7712</b>	Black
15" - 375mm	43mm	<b>7715</b>	Chrome	<b>B7715</b>	Black
18" - 450mm	53mm	<b>7718</b>	Chrome	<b>B7718</b>	Black
24" - 600mm	62mm	<b>7724</b>	Chrome	<b>B7724</b>	Black
30" - 760mm	78mm	<b>7730</b>	Chrome		



### Ergonomic Design

Non protruding jaw shank. Made from Chrome Vanadium Steel permitting closer tolerance heat treatment of thin sections. Thinner and longer jaws for greater accessibility in tight spaces. Metric measuring scale on jaws for presetting and sizing of nuts, bolts etc. Ergonomic handle. Black Phosphate finish.

Part No.	Size	Jaw Opening	Part No.	Size	Jaw Opening
<b>9904</b>	4" - 100mm	13mm	<b>9912</b>	12" - 300mm	34mm
<b>9906</b>	6" - 150mm	19mm	<b>9915</b>	15" - 375mm	43mm
<b>9908</b>	8" - 200mm	24mm	<b>9918</b>	18" - 450mm	53mm
<b>9910</b>	10" - 250mm	29mm			



### Adjustable Wrenches - Chrome

Part Number	Size	Part Number	Size
<b>25110</b>	100mm	<b>25114</b>	300mm
<b>25111</b>	150mm	<b>25115</b>	375mm
<b>25112</b>	200mm	<b>25116</b>	450mm
<b>25113</b>	250mm		



### Adjustable Wrenches - Chrome

Fully hardened and tempered jaws for holding on fastening nuts and bolts. Rust resistant.

Part Number	Size	Part Number	Size
<b>87.430</b>	100mm	<b>87.433</b>	250mm
<b>87.431</b>	150mm	<b>87.434</b>	300mm
<b>87.432</b>	200mm	<b>87.435</b>	375mm



### Adjustable Big Mouth Wrench

300mm wrench head on a 200mm wrench body. 39mm rated opening – 58% more than standard 200mm wrench. 35% lighter than standard 300mm wrench. Allows access where space is tight, but high torque not necessary. Ideal for plumbing applications.

Part Number: 25105



### Adjustable Wrenches - Black

Part Number	Size	Part Number	Size
<b>25206</b>	150mm	<b>25209</b>	300mm
<b>25207</b>	200mm	<b>25210</b>	375mm
<b>25208</b>	250mm	<b>25211</b>	450mm



### Rapid Slide Wrench

- Slide button mechanism in handle for quick, fast adjustment
- Debris shield protects slide mechanism, and maintains a smooth operation

Material No.	Description	Jaw Capacity
<b>AC6NKWMP</b>	150mm/6"	24mm
<b>AC8NKWMP</b>	200mm/8"	25mm
<b>AC10NKWMP</b>	254mm/10"	32mm





## Adjustable Wrenches

- Imperial and metric scales
- Available in ProTouch (150mm, 200mm, 250mm, 300mm) or solid metal handles (380mm, 455mm, 610mm)



## Adjustable Wrench - 250mm 10"

- Measure scale marks on jaws
- Wide grip body for extra comfort
- 34mm max jaw opening

Part Number: K040004



## Adjustable Wrenches

- Fully hardened and tempered quality chrome vanadium steel
- Exceeds US federal specification no GGG-W-6316

Part Number	Length	Average Jaw Opening
88100	100mm (4")	13.5mm
88150	150mm (6")	21mm
88200	200mm (8")	25mm
88250	250mm (10")	29mm
88300	300mm (12")	34.5mm
88375	375mm (15")	45mm
88450	450mm (18")	55mm
88600	600mm (24")	64mm



## Adjustable Wrenches

"Max Power" - Chrome Vanadium Steel adjustable wrenches.

Part Number	Description	Size
WHPCARST15	Adjustable Wrench	15"
WHPCARST18	Adjustable Wrench	18"
WHPCARST24	Adjustable Wrench	24"
WHPCARSTSET3	3 Piece Adjustable Wrench Set	8", 10" & 12"
WHPCARSTSET4	4 Piece Adjustable Wrench Set	6", 8", 10" & 12"



## 90 Series Combination Adjustable Wrenches

Bahco adjustable wrench with thermoplastic handle quickly converts into a pipe wrench for couplings from 5-35mm, or is ideal for removing deformed nuts and bolts.

Part Number	Description	Size
9070P	6" Combination Adjustable Wrench	150mm
9071P	8" Combination Adjustable Wrench	200mm
9072P	10" Combination Adjustable Wrench	250mm
9073P	12" Combination Adjustable Wrench	300mm



## 80 Series Adjustable Wrenches

Bahco adjustable wrenches with standard handles, phosphated.

Part Number	Description	Size
8069	4" Adjustable Wrench. 13mm Jaw Opening	100mm
8070	6" Adjustable Wrench. 20mm Jaw Opening	150mm
8071	8" Adjustable Wrench. 27mm Jaw Opening	200mm
8072	10" Adjustable Wrench. 30mm Jaw Opening	250mm
8073	12" Adjustable Wrench. 34mm Jaw Opening	300mm
8074	15" Adjustable Wrench. 44mm Jaw Opening	375mm
8075	18" Adjustable Wrench. 53mm Jaw Opening	450mm



## 90 Series Extra Wide Adjustable Wrenches

Bahco adjustable wrenches have extra wide jaws with a convenient short handle. Thin jaws combine improved access in confined spaces.

Part Number	Description	Size
9029	6" Adjustable Wrench. 32mm Jaw Opening	150mm
9031	8" Adjustable Wrench. 38mm Jaw Opening	200mm
9031-T	8" Extra Wide Thin Jaw Adjustable Wrench	200mm

## BOX WRENCHES

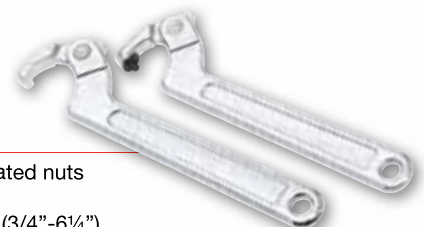


## Box Wrench Sets

- Manufactured from high quality steel tubing, these double ended box wrenches have a different socket size on each end
- Most popular metric and imperial sizes and lengths available

Part Number	Set Contains
32019	8 x 9mm, 10 x 11mm, 12 x 13mm, 14 x 15mm, 16 x 17mm, 18 x 19mm plus 2 tommy bars in a plastic pouch
32109	1/4" x 5/16", 5/16" x 3/8", 3/8" x 7/16", 1/2" x 9/16", 9/16" x 5/8", 11/16" x 3/4" plus 2 tommy bars in a plastic pouch

## WRENCHES - 'C' HOOK



## 'C' Hook Wrenches

- With pivot jaw for use on castle nuts
- Standard or Pin design
- Sizes available from 19-158mm (3/4"-6 1/4")

Part Number	Description	Capacity (mm)	Capacity (inch)
315150	Standard	19-51mm	3/4" - 2"
315151	Standard	32-76mm	1 1/4" - 3"
315152	Standard	51-121mm	2" - 4 3/4"
311153	Standard	112-158mm	4 1/2" - 6 1/4"
315154	Pin Type	19-51mm	3/4" - 2"
315155	Pin Type	32-76mm	1 1/4" - 3"
315156	Pin Type	51-121mm	2" - 4 3/4"
315157	Pin Type	112-158mm	4 1/2" - 6 1/4"



# HAND TOOLS

## WRENCH - CHAIN

**RIDGID**



### Chain Pipe Wrench

A double jaw gives fast, ratchet like action in either direction. The heavy duty model has replaceable alloy steel jaws. The light duty model has a one piece forged alloy steel handle and jaw.

Part No.	Description	Capacity	Part No.	Description	Capacity
31310	Light Duty	50mm	31325	Heavy Duty	75mm
31315	Heavy Duty	50mm	31330	Heavy Duty	110mm
31320	Heavy Duty	60mm			

## WRENCH - OFFSET

**RIDGID**



### Hex Wrenches

Hex jaws design gives multi-sided secure grip on hex nuts, square nuts, unions and valve packing nuts. Thin, smooth jaws slip into the tightest places.

Part Number	Description	Capacity
31305	Model E-110 Offset Hex Wrench	29-67mm
31275	Model 17 Offset Hex Wrench	16-30mm
31280	Model 25 Offset Hex Wrench	25-50mm

## WRENCH - OIL FILTER REMOVER

**KC TOOLS**  
SPECIALITY



### Oil Filter Removers

- Swivel head
- Fits most popular car filters

Part Number	Description	Size
08133	Oil Filter Remover	72mm - 81mm
08134	Oil Filter Remover	87mm - 97mm

**KC TOOLS**  
SPECIALITY

### Adjustable Oil Filter Remover

- 60 - 90mm
- Suits most common oil and fuel filter sizes on cars and light trucks
- Serrated jaws to prevent slippage
- Plastic coated handle

Part Number: 08135



**KC TOOLS**  
SPECIALITY

### Universal Oil Filter Remover

- 62.5 - 99mm
- 3 leg flat type
- Fits most popular cars and light trucks
- Wrench adjusts to fit all spin on type filters
- Great for confined areas
- Uses soft tips to help grip onto filter

Part Number: 08136



## WRENCH - PIPE

**RIDGID**



### Straight Heavy Duty Wrenches

Sturdy cast iron housing and I-beam handle with full floating forged hook and jaw, non-stick adjustment nut and replaceable hook and heel jaws.

Part Number	Size	Part Number	Size
31000	6"	31025	18"
31005	8"	31030	24"
31010	10"	31035	36"
31015	12"	31040	48"
31020	14"	31045	60"



**Crescent**

### Pipe Wrench

- CR.MO Jaw
- Cast iron handle

Material No. CPW450

**IRWIN**  
**WISE-GRIP**



### Cast Iron Pipe Wrenches

- Heavy-duty cast iron housing
- Drop forged jaw is heat treated to resist distortion or breakage
- Hardened teeth provide tremendous bite
- Easy spin adjusting nut is heat treated for durability
- I-Beam handle design provides better weight distribution
- Unique design of hammer head provides flat surface for hammering

Part Number	Description	Size
274105	Cast Iron Pipe Wrench	200mm
274101	Cast Iron Pipe Wrench	250mm
274106	Cast Iron Pipe Wrench	300mm
274102	Cast Iron Pipe Wrench	350mm
274103	Cast Iron Pipe Wrench	455mm
274104	Cast Iron Pipe Wrench	610mm
274107	Cast Iron Pipe Wrench	910mm
274108	Cast Iron Pipe Wrench	1220mm

**KC TOOLS**  
PROFESSIONAL



### Pipe Wrenches

Part Number	Description	Max Jaw Opening
15120	Aluminium 350mm, 1,000g	60mm
15126	Aluminium 900mm, 5,000g	140mm
15130	Steel 350mm, 1,600g	60mm
15138	Steel 1,200mm, 14,500g	166mm





### Pipe Wrench - Leader Pattern

- Unbreakable ductile iron one piece frame and handle
- Precision machined screw thread and spring jaw
- Hardened and tempered hook jaw with flash hardened teeth
- One piece frame can be used as a hammer

Product Code	Size	Product Code	Size	Product Code	Size
EC-ELPW8	8"	EC-ELPW14	14"	EC-ELPW36	36"
EC-ELPW10	10"	EC-ELPW18	18"	EC-ELPW48	48"
EC-ELPW12	12"	EC-ELPW24	24"		



### Straight Pipe Wrenches

- Drop forged steel with alloy steel body, chrome jaws
- Heat treated for extra strength and durability
- Hook jaw with spring suspension for quick release

Part Number	Length	Pipe Size	Max. Jaw Opening
HITPD08	200mm (8")	1"	34mm
HITPD10	250mm (10")	1-1/4"	51mm
HITPD12	300mm (12")	1-1/2"	58mm
HITPD14	350mm (14")	2"	69mm
HITPD18	450mm (18")	2-1/2"	80mm
HITPD24	600mm (24")	3"	95mm
HITPD36	900mm (36")	4"	132mm

### WRENCH - PIPE - ALUMINIUM



### Straight Heavy Duty Aluminium Wrenches

Nearly 40% lighter than comparable cast iron models of the same size. Jaws and other parts identical to RIDGID cast iron heavy duty wrenches.

Part Number	Size	Part Number	Size
31090	10"	31105	24"
47057	12"	31110	36"
31095	14"	31115	48"
31100	18"		



### Aluminium Offset Wrenches

Nearly 50% lighter than comparable cast-iron models of the same size. Features a jaw opening parallel to the handle and a narrower hook jaw head which provides easy entry into tight spots.

Part Number	Size	Capacity
31120	14"	50mm
31125	18"	65mm
31130	24"	80mm



### Aluminium Alloy Pipe Wrenches

Same features, capacities and strength as the steel pipe wrenches, but 40% lighter due to the aluminium alloy handle construction. Induction hardened teeth to retain sharp edge. Manufactured in Spain.

Part Number	Length	Capacity
1041000	250mm (10")	1 1/2" N.B. Pipe (49mm)
1041400	350mm (14")	2" N.B. Pipe (60mm)
1041800	450mm (18")	2 1/2" N.B. Pipe (76mm)
1042400	600mm (24")	3" N.B. Pipe (90mm)
1043600	900mm (36")	5" N.B. Pipe (140mm)
1044800	1200mm (48")	6" N.B. Pipe (166mm)



### Cast Aluminium Pipe Wrench

- Cast aluminium pipe wrenches are 40% lighter than equivalent cast iron pipe wrenches and are easier to manoeuvre
- Drop forged jaw is heat treated to resist distortion or breakage
- Hardened teeth provide tremendous bite
- Easy spin adjusting nut is heat treated for durability
- I-Beam handle design provides better weight distribution
- Unique design of hammer head provides flat surface for hammering
- Available in sizes 10" to 48"

### WRENCHES - PODGER



### Adjustable Spud Wrench - Klik-Stop®

Large jaw opening fits all nuts and bolts up to 1 1/2 inches, eliminates the need for carrying several fixed size wrenches.

Part Number: J712SC

### WRENCHES - RATCHET - PODGER



### Super Ratchet Podgers

- Premium quality ratchet podger wrenches
- Double size, reverse claw type
- Cation plated which provides excellent rust proofing properties

Product Code	Size mm	Product Code	Size mm
SRRN1012	10 x 12	SRRN2430	24 x 30
SRRN1317	13 x 17	SRRN2730	27 x 30
SRRN1719	17 x 19	SRRN2732	27 x 32
SRRN1824R	18 x 24	SRRN3235	32 x 35
SRRN1921	19 x 21	SRRN3236	32 x 36
SRRN1924R	19 x 24 (New Type)	SRRN3641	36 x 41
SRRN2124	21 x 24	SRRN4650	46 x 50
SRRN2224	22 x 24		

Ratchet podger wrench holster and safety lanyard also available upon request.



# HAND TOOLS

**SIDCHROME**



## Ratchet Podger Bars

Dual sized ratchet head with reversible lever action, robust construction with easy to clean ratchet assembly, taper end for ease of bolt hole alignment.

Part Number	Size	Part Number	Size
RH1012	10x12x240mm	RH2427	24x27x360mm
RH1417	14x17x280mm	RH2430	24x30x450mm
RH1824	18x24x315mm	RH2732	27x32x450mm
RH1921	19x21x315mm	RH3036	30x36x450mm
RH1924	19x24x360mm	RH3236	32x36x450mm
RH3641	Double Sided Ratchet Podger Bar		36x41x450mm

**SIDCHROME**



## Stubby Ratchet Podger Bars

Dual sized ratchet head with reversible lever action, robust construction with easy to clean ratchet assembly, taper end for ease of bolt hole alignment.

Part Number	Description	Size
RH1924S	Riggers Ratchet Podger Bar Stubby Bent	240mm
RH2124S	Scaffolders Ratchet Podger Bar Stubby Bent	240mm

**FAMOUS TOLEDO**  
EXCELLENCE BY DESIGN



## Wrenches - Podger Ratchet

- Made from high quality drop-forged chrome vanadium steel
- Combination double socket - two sizes in one
- In-built ratchet reverse direction lever

METRIC RATCHET PODGERS					
Part No.	Size	Length	Part No.	Size	Length
301223	10 x 12mm	240mm	301235	24 x 27mm	360mm
301224	13 x 17mm	280mm	301234	24 x 30mm	450mm
301225	14 x 15mm	280mm	301244	26 x 32mm	360mm
301226	16 x 18mm	315mm	301236	27 x 32mm	450mm
301227	17 x 19mm	315mm	301237	30 x 32mm	450mm
301228	18 x 24mm	315mm	301238	32 x 36mm	450mm
301229	19 x 21mm	315mm	301239	36 x 41mm	450mm
301230	19 x 24mm	315mm	301240	41 x 46mm	500mm
301231	21 x 24mm	315mm	301241	41 x 55mm	500mm
301232	21 x 26mm	360mm	301242	46 x 50mm	500mm
301233	22 x 24mm	360mm			

**FAMOUS TOLEDO**  
EXCELLENCE BY DESIGN



## Ratchet Podgers - Scaffolders

METRIC SCAFFOLDERS RATCHET PODGERS		
Part No.	Size	Length
301243	21 x 24mm	240mm

## WRENCH - STRAP

**RIDGID**



## Strap Wrenches

Best for any polished pipe. Strong woven nylon strap gives tight grip. Two models available for plastic pipe. Polyurethane coated strap.

Part No.	Description	OD Capacity	Strap Length
31335	No.1 Strap Wrench	90mm	425mm
31345	No.2 Strap Wrench	135mm	760mm
31360	No.5 Strap Wrench	175mm	750mm



# CUTTING TOOLS

## BLADES - ALUM/PLASTIC/WOODCUTTING



### MARATHON Series - Thin Kerf

- Thin Kerf - for faster, cleaner cuts
- Anti-kickback shoulder design - for added safety
- Heat vents - reduces heat that can cause resin build up
- Precision diamond ground Tungsten Carbide tips for a sharper cut
- Alternative top bevel teeth for cleaner cuts without splintering or chipping
- Hardened and tempered steel body - ensures smoother cutting action for longer life
- Expansion slots - create an outlet for heat build up to eliminate warping
- Corrosion-resistant coating - protects blades from rusting

Part Number	Description	Size
94012	Marathon Series - Hand Held	160mm x 20T
94013	Marathon Series - Hand Held	160mm x 40T
94010	Marathon Series - Hand Held	184mm x 24T
94011	Marathon Series - Hand Held	184mm x 40T
94134	Marathon Series - Hand Held	210mm x 24T
94135	Marathon Series - Hand Held	210mm x 40T
94131	Marathon Series - Hand Held	235mm x 20T
94132	Marathon Series - Hand Held	235mm x 40T
94133	Marathon Series - Hand Held	235mm x 60T
94142	Marathon Series - Sets	184mm x 24T, 40T
94140	Marathon Series - Bulk 10 Packs	184mm x 24T
94141	Marathon Series - Bulk 10 Packs	235mm x 20T



### ALUMINIUM+ Series - Aluminium, Plastic & Wood

- Precision diamond ground Tungsten Carbide tips - for sharper cut
- Triple chip ground, negative hook teeth - for faster, cleaner cuts
- Reinforced shoulder - for added durability
- Hardened and tempered steel body - ensures smoother cutting action for longer life
- Expansion slots - create an outlet for heat build up to eliminate warping
- Corrosion-resistant coating - protects blades from rusting

Part Number	Description	Size
95018	Aluminium+ Series - Hand Held	160mm x 56T
95009	Aluminium+ Series - Hand Held	184mm x 64T
95026	Aluminium+ Series - Hand Held	210mm x 60T
95135	Aluminium+ Series - Hand Held	235mm x 80T
93012	Aluminium+ Series - Mitre Saw	216mm x 80T
95045	Aluminium+ Series - Mitre Saw	254mm x 60T
95048	Aluminium+ Series - Mitre Saw	254mm x 80T
95049	Aluminium+ Series - Mitre Saw	254mm x 100T
93016	Aluminium+ Series - Mitre Saw	305mm x 100T



# CUTTING TOOLS



## Evolution Blades

Designed specifically for the Evolution RAGE Multipurpose Saws, these are the ultimate in TCT technology. When fitted to the designated RAGE Saw, each blade will easily cut Steel, Aluminium and Wood (even wood with nails). Even though these are heavy duty applications, the RAGE blades show no weakness and demonstrate outstanding durability.

Part Number	Description	Size
EVO-BLADE-RAGE185M	Multi Blade for EVO-RAGE	185mm
EVO-BLADE185-DMND	Diamond Blade for EVO-RAGE	185mm
EVO-BLADE355M	Multi Blade for EVO-RAGE 2	355mm
EVO-BLADE355-DMND	Diamond Blade for EVO-RAGE 2	355mm
EVO-BLADE255M	Multi Blade for EVO-RAGE 3	255mm
EVO-BLADE255-DMND	Diamond Blade for EVO-RAGE 3	255mm
EVO-BLADE355/66-ST	Steel Blade for EVO-RAPTOR 355	355mm
EVO-BLADE355/80-AL	Aluminium for EVO-RAPTOR 355	355mm
EVO-BLADE355/90-SS	Stainless Steel Blade for EVO-RAPTOR 355	355mm
EVO-BLADE230-ST	Steel Blade for EVO-EXTREME 230	230mm
EVO-BLADE230-AL	Aluminium Blade for EVO-EXTREME 230	230mm
EVO-BLADE230-SS	Stainless Steel Blade for EVO-EXTREME 230	230mm
EVO-BLADE230-WD	Wood Blade for EVO-EXTREME 230	230mm



## MARATHON Cordless Series - Thin Kerf

- 1.6mm ultra thin kerf for less resistance on blade - means more cuts per battery charge - ideal for use in cordless electric saws
- Face ground carbide teeth for sharper and cleaner cuts - only available on cordless range
- More aggressive 25° hook angle for faster cuts and more efficient removal of saw dust to prevent overheating - only available on cordless range
- HC20 construction grade carbide teeth for greater durability
- 1.00mm ultra thin plate for less resistance
- Expansion slots to help keep blade flat as it expands and contracts during cutting

Part Number	Description	Size
14027	Marathon Series - Cordless	140mm x 18T
14011	Marathon Series - Cordless	140mm x 24T
14020	Marathon Series - Cordless	165mm x 18T
14029	Marathon Series - Cordless	165mm x 24T
14023	Marathon Series - Cordless	165mm x 40T

## BLADES - FERROUS METAL CUTTING



### METAL STAR Series

- C6 carbide tips - for cutting steel
- Modified triple chip, ground flat teeth or modified alternate bevel tooth design - for faster, cleaner cuts
- Does not wear or spark like an abrasive wheel
- Longer life - performs better and lasts longer than a standard abrasive wheel
- Hardened and tempered steel body - ensures smoother cutting action for longer life
- Corrosion-resistant coating - protects blades from rusting

Part Number	Description	Size
93024	Metal Star Series - Alternate Bevel Tooth	160mm x 48T
93026	Metal Star Series	180mm x 38T
93028	Metal Star Series	230mm x 48T



## BLADES - RECIPROCATING



### Reciprocating Saw Blades - Bi-Metal

#### Bi-Metal Blades (1 pack & 5 pack)

- Shatter resistant - bi-metal blades bend and resist breaking
- Unique blade geometry positions the blade for optimum cutting performance
- Long lasting - T2™ design is reinforced to cut stronger and last longer
- **TPI include:** 6, 10, 14, 18 & 24
- **Lengths include:** 150, 200, 225 & 300mm

#### LAZER™ Blades (5 pack)

- Best for heavy metal cutting
- Longer lasting - lasts 45% longer than the leading competitor's blade
- Greater strength and durability - unique blade geometry reinforces traditional weak areas
- Optimised performance - thicker (1mm) and wider (25mm) blades minimise whipping for straighter, smoother cuts
- **TPI include:** 8, 10, 14 & 18
- **Lengths include:** 150, 225

#### Demolition Blades (2 pack)

- Best for cutting nail-embedded wood and demolition work
- Easily cuts through the toughest materials - dimensional wood, angle iron, fasteners and metal pipe, simultaneously
- Optimised performance - thicker (1.3-1.6mm) and wider (22mm) blades minimise whipping for straighter, smoother cuts
- Shatter resistant - bi-metal blades bend and resist breaking
- **TPI include:** 6, 10 & 14
- **Lengths include:** 150, 225 & 300mm

#### MASTER-GRIT™ Blades (2 pack)

- Best for cutting abrasives
- Long lasting - super hard (RA 90-93) edge cuts through the toughest materials
- Abrasive cutting - 600RG cuts through cast iron, fibreglass; 800RG cuts through ceramic tile, clay and pipe; 100RG cuts through stone, brick, plaster & marble
- **Lengths include:** 150, 200 & 250mm

#### Carbide-Tipped Blades (1 pack)

- Fast cutting - LENOX triple chip tooth grind cuts 25% faster than standard carbide blades
- Extreme performance - cuts through Hardiplank® fibreglass, cement board, rubber, etc.
- **TPI include:** 3 & 6
- **Lengths include:** 150 & 200mm

## COUNTERSINK CUTTERS



### HSS-Co5 Countersinks

All Bordo countersinks are made from 100% M35 cobalt high speed steel. Cobalt offers increased wear and heat resistance in alloy steels and other abrasive or difficult materials.

Countersinks are available in cross hole, single flute and triple flute variations and can be supplied as either bright finish or TiN coated.





## BLADES - WOOD CUTTING

# IRWIN

### Professional Saw Blades

- Precision diamond ground Tungsten Carbide tips - for sharper cut
- Alternative top bevel teeth - for cleaner cuts without splintering or chipping
- Reinforced shoulder - for added durability
- Hardened and tempered steel body - ensures smoother cutting action for longer life
- Expansion slots - create an outlet for heat build up to eliminate warping
- Corrosion-resistant coating - protects blades from rusting

Part Number	Description	Size
95001	Professional Series - Hand Held	160mm x 40T
95010	Professional Series - Hand Held	184mm x 20T
95012	Professional Series - Hand Held	184mm x 40T
95061	Professional Series - Hand Held	184mm x 60T
95064	Professional Series - Hand Held	210mm x 24T
95065	Professional Series - Hand Held	210mm x 40T
95066	Professional Series - Hand Held	210mm x 60T
95031	Professional Series - Hand Held	235mm x 20T
95033	Professional Series - Hand Held	235mm x 30T
95034	Professional Series - Hand Held	235mm x 40T
95035	Professional Series - Hand Held	235mm x 60T
90017	Professional Series - Sets	184mm x 24T, 40T
90015	Professional Series - Sets	184mm x 16T, 24T, 40T
90034	Professional Series - Sets	235mm x 20T x 30T
95068	Professional Series - Bulk 5 Pack	184mm x 20T
95069	Professional Series - Bulk 5 Pack	184mm x 40T
95039	Professional Series - Bulk 5 Pack	235mm x 20T
95040	Professional Series - Bulk 5 Pack	235mm x 40T
93001	Professional Series - Mitre Saw	216mm x 30T
93002	Professional Series - Mitre Saw	216mm x 48T
93003	Professional Series - Mitre Saw	254mm x 40T
93004	Professional Series - Mitre Saw	254mm x 60T
93015	Professional Series - Mitre Saw	254mm x 80T
93051	Professional Series - Mitre Saw	254mm x 100T
93006	Professional Series - Mitre Saw	305mm x 60T
93008	Professional Series - Mitre Saw	305mm x 100T

## BURRS - CARBIDE



### Menlo Burr Set

- 8 Piece set with 3/8" burrs with 1/4" shanks in a wooden case.
- Set contains: MENBB6D, MENBCO6D, MENBCP6D, MENBCR6D, MENBOV6D, MENBT6D, MENBTP6D, MENBTR6D.

Part Number	Description	Size
MENBURRUNIT8	Burr Uni 8 Piece Set	3/8"



### 1/4" Shank

High stock removal rate due to aggressive abrasive materials. The textile elements wear off uniformly and without residue on the material surface.

Part Number	Description	Size mm
21724032	TCA 1458-4 ADC	1/4" x 5/8"
21724102	TCA 121-4 ADC	1/2" x 1"
21724782	TCG 1458-4 ADC	1/4" x 5/8"
21724462	TC-C 121-4 ADC	1/2" x 1"
21724392	TC-C 1458-4 ADC	1/4" x 5/8"
21724722	TC-F 121-4 ADC	1/2" x 1"
21724692	TC-F 1458-4 ADC	1/4" x 5/8"
21724812	TC-G 121-4 ADC	1/2" x 1"
21724882	TC-H 12114-4 ADC	1/2" x 1 1/8"
21725162	TC-6 12118-4 ADC	1/2" x 1 1/8"

Please note an extensive range of PFERD Burrs are available in 1/4" and 6mm shaft diameters.

## BURR - CARBIDE - SETS



### Garryson Carbide Burrs

All Garryson burrs are individually braze tested to ensure optimum strength and the highest safety standards. Josco carry a full range of Garryson burrs in Australia.

#### Cutting Styles



#### Cut "D"

Diamond Cut is a universal cutting style offering smooth operation with a high cutting action, producing short chips and no clogging problems. Ideal on stainless steel, carbon steel, nickel alloys and other hard materials. This is the most popular burr because of its easy, smooth operation.



#### Cut "D-Max"

D-Max TDX Burrs have an extra strong tooth formation making them ideal for heavy duty, fast stock removal on most ferrous metals.



#### Cut "A"

Aluminium Cut burrs provide rapid stock removal on 'softer' materials and are ideal for use on aluminium, titanium, brass, and other aluminium alloys, soft non-ferrous metals and thermoplastics. These burrs produce an easy chipflow and smooth operation.



### Garryson Carbide Burr Kits

#### #JBK5 - 5 Piece "D-Cut" Carbide Burr Kit

This kit contains one each of the following burrs supplied on 1/4" shank and packed in a sturdy plastic case with lid.

Part Number	Description
1602D-4	10mm dia Cylinder with End Cut
3600D-4	10mm dia Ball Nosed Cylinder
3700D-1-4	12mm dia Ball Nosed Cylinder
9600D-4	10mm dia Ball Nosed Tree
9700D-4	12mm dia Ball Nosed Tree





# CUTTING TOOLS



## Tungsten Carbide Burrs

Bordo has a complete range of premium quality express cut carbide burrs in all head styles with both 1/8" and 1/4" shanks. The most popular head shapes and sizes are also available in extended 6" shank versions.

For rapid stock removal in non-ferrous applications we stock a wide range of 1/4" shank non-ferrous cut burrs. Also available in 5 and 8 piece sets.



## NEW - Tough Burs

The NEW 3R cuts are designed especially for tough operating conditions. These extremely robust, high-performance cut patterns minimise tooth chipping/breakage, splintering and burr head failures.

Part Number	Description	Size mm
21722152	TC Tough Burr SA-3 1/4 Double-3R	1/4" x 5/8"
21722156	TC Tough Burr SA-5 1/4 Double-3R	1/2" x 1"
21722212	TC Tough Burr SC-3 1/4 Double-3R	1/4" x 5/8"
21722216	TC Tough Burr SC-5 1/4 Double-3R	1/2" x 1"
21722244	TC Tough Burr SD-5 1/4 Double-3R	1/4" x 5/8"
21722260	TC Tough Burr SE-5 1/4 Double-3R	1/2" x 1"
21722276	TC Tough Burr SF-5 1/4 Double-3R	1/4" x 5/8"
21722294	TC Tough Burr SG-3 1/4 Double-3R	1/2" x 1"
21722296	TC Tough Burr SG-5 1/4 Double-3R	1/2" x 1 1/8"
21722346	TC Tough Burr SL-4 1/4 Double-3R	1/2" x 1 1/8"



## Carbide Burr KITS

The tools are kept clean, protected, secured and neatly arranged in a non-breakable plastic box.

Part Number	Description
26005693	Burr Set 5 Piece 1/4 1505
26005694	Burr St 10 Piece 1/4 1510



## UniKit Standard

Economical deburring set for all machinists Kit includes:

- Scaper T120,
- Uni Handle,
- SN Holder,
- C Holder + C20,
- N1, N2, S101, S30, S20, S10

Part Number: UK1000



## Noga Box

Comprehensive kit collected to meet the total requirements of tool and die makers, and for deburring specialists.

- Keyway Burr,
- Double Burr,
- 2 piece Edge Off,
- D-Key,
- UNI-Handle + SN Holder,
- C Holder + C20, C12,
- D Holder + D50,
- D Holder + D66
- L Holder + L1, N1, N2, S10, S101, S20, Scraper T120

Part Number: NX1000



## Bronze UniKit

- NogaGrip 3 Handle,
- N Holder,
- S Holder,
- C Holder + C20
- D Holder + D50,
- N2, N2, S10, S20, S30 and S150 Blades

Part Number: NG9200



## Platinum Box

- Double Burr,
- NogaGrip 1 Handle
- NogaGrip Double Burr 3 Handle,
- N Holder, S Holder,
- Teddy Burr Handle,
- C Holder + C20,
- D Holder + D50,
- D Holder + D66,
- K Holder + N80K,
- T Holder + T70,
- 18mm External RotoDrive Blade,
- 10.4mm Countersink RotoDrive,
- N1, N2, S10, S20, S30 and S150 Blades,
- Hex Key 1.5mm

Part Number: NG9500



## BLADES - DEBURRING

### SHAVIV

#### Shaviv Deburring Tools

- Shaviv is the answer to unwanted burrs on a wide variety of materials - metal, plastics, wood and more. NB - 'E' blades are longer in length than a 'B' blade.

Part Number	Description
VARB10	Blade B10 - HSS blade (PK 10)
VARBSET	Vargus B Set Deburring Set - Includes B10 and B20 blades, blade holder B and handle A
VARE100	Blade E100 (PK10)
VARE200	Blade E200(PK10)
VARESET	Vargus E Set Deburring Set - Includes E100, E200 and E300 blades, blade holder E and handle A







## Deburring Tools

	Blade	Works Best On
	S10	Steel, aluminium and plastic
	S20	Brass and cast iron
	S30	Internal and external burs
	S35	Straight edges
	S60	Cross holes
	S101	Fine edges, most materials
	N1	Steel, aluminium and plastic
	N2	Brass and cast iron
	N3	Internal and external burs
	N6	Cross holes



## Double Burr

Simultaneously removes burrs from both sides of sheet metal. Unique round cutting blades can be rotated and reversed for long life. Hardened blades for use on stainless steel are also available.

**Part Number: DB1000**



## Edge Off

Disposable tool. Handy pocket clip. Fixed S10 blade.

**Part Number: EO1000**



## Rapid Bur Plus

12mm hexagonal aluminium handle complete with 5 x S10 blades

**Part Number: RB1003**



## Teddy Burr

Steel housing for long life. Handy pocket clip. Replaceable N1 blade.

**Part Number: TB1000**



## Liza Burr Plus

Universal handle with telescopic double sided blade holder that accommodates heavy and light duty blades. Complete with 5 x S10 and 5 x N1 blades.

**Part Number: LB1900**



## Countersink

New Ergonomic NogaGrip Handle with C holder and C20 blade.

**Part Number: NG3100**



## Scaper

Noga Universal handle with double ended T120 triangular scraper

**Part Number: SC1000**



## Tele Burr

New Ergonomic NogaGrip Handle with telescopic N blade holder and N1 and N2 blades

**Part Number: NG3002**



## Noga Burr 3

New Ergonomic NogaGrip Handle with 3 heavy duty blades - S10, S20, S35

**Part Number: NG1003**



## Noga Burr 5

NogaGrip Handle with 5 heavy duty blades - S10, S20, S35, S101, S202

**Part Number: NG1005**



## Promo Set Heavy Duty

NogaGrip Handle complete with 10 x S10 blades

**Part Number: NG8150**



## Tele Set Heavy Duty


















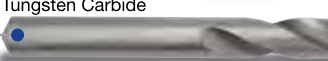





NogaGrip Handle complete with telescopic S blade holder and 5 x S10 and 5 x S20 blades

**Part Number: NG8350**



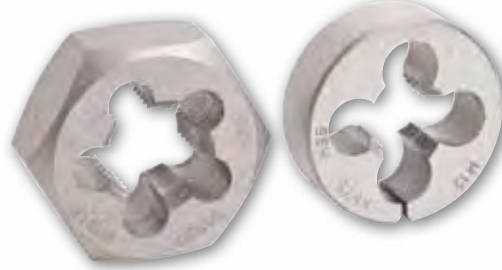
## DRILL CHART



Metric Fractional Wire Gauge	2007 series 2006 series 2013 series	0.30mm – 13.0mm 1/64" – 1/2" 80 – 1	Bright Finish Jobber HSS	
Metric Fractional	2003 series 2000 series	0.30mm – 13.0mm 1/64" – 1/2"	Black Finish Jobber HSS	
Metric Fractional	2011 series 2010 series	1.0mm – 13.0mm 1/16" – 1/2"	Cobalt Jobber HSS-Co5	
Metric Fractional	2654 series 2651 series	13.0mm – 30.0mm 17/32" – 1-1/4"	Reduced Shank HSS	
Metric Fractional	2501 series 2500 series	1.0mm – 13.0mm 1/16" – 1/2"	Long Series HSS	
Metric	2501 series	2.0mm – 10.0mm	Extra Deep Hole HSS-Co5	
Metric	2050 series HSS-Co TiAlN coated with multi-facet point For the machining of stainless steel	2.0mm – 13.0mm	Blue Band HSS-Co TiAlN	
Metric	2052 series HSS-Co TiAlN coated with 130°UX point For the machining of tough treatable steel	2.0mm – 13.0mm	Red Band HSS-Co TiAlN	
Metric	2054 series HSS with 130° web thinned point For the machining of aluminium and its alloys	2.0mm – 13.0mm	Yellow Band HSS	
Metric	2056 series HSS-Co TiN coated with 130° split point For the machining of carbon steel	2.0mm – 13.0mm	Green Band HSS-Co TiN	
Metric	2058 series HSS-Co TiAlN coated with 118°/70° DX point For the machining of cast iron	4.0mm – 12.0mm	White Band HSS-Co TiAlN	
Wire Gauge	2034 series	30, 20, 11	Stub Bright HSS	
Metric Fractional	2021 series 2020 series	1.0mm – 13.0mm 1/16" – 1/2"	Stub Black HSS	
Metric	2051 series HSS-Co TiAlN coated with multi-facet point For the machining of stainless steel	2.0mm – 13.0mm	Stub Blue Band HSS-Co TiAlN	
Single Ended Double Ended	2346 series 2345 series	30, 20, 11 1/8", 30, 20, 11	Panel Bright HSS	
Single Ended Double Ended	2344 series 2343 series	30, 20, 11 1/8", 30, 20, 11	Panel Black HSS	
Fractional	2560 series	Sizes 1 – 7	Centre HSS	
Metric	2570 series	6.0mm – 20.0mm	Spotting HSS-Co5	
Metric	2555 series	6.0mm – 8.0mm	Spot Weld HSS-Co5	
Metric Fractional	2608 series 2607 series	5.0mm – 75.0mm 1/8" – 2-7/8"	Morse Taper Shank HSS	
Metric Fractional	2025 series 2024 series	2.0mm – 16.0mm 1/8" – 1/2"	Enduro Tungsten Carbide	
Metric Fractional	2600-M1 2600-M2 2600-M3 2600-1 2600-2	4.0mm – 12.0mm 4.0mm – 20.0mm 6.0mm – 30.0mm 1/8" – 1/2" 1/4" – 3/4"	Step HSS	
Metric	2602-M1 2602-M2 2600-M3 with de-burring groove	4.0mm – 12.0mm 4.0mm – 20.0mm 4.0mm – 30.0mm	Step Spiral Flute HSS TiN Coated	



## DIES & DIENUTS



### HSS Dies and Dienuts

Goliath's ever expanding range of HSS Button Dies is the largest standard range in Australia. Manufactured from High Speed Steel, Goliath's quality dies are designed for both performance threading of new components and thread repair on existing components.

Our range of dienuts, also manufactured from HSS, are designed for both cutting of new threads and thread repair applications in a wide variety of steels. Dienuts also suit applications where only minimal space is available and a shifter is used to turn the dienut.

#### Sizes Range from:

- M2 – M48 in Metric Coarse and Fine.
- 1/8 – 2" in BSW, BSF, BSB, BA, UNC, UNF, UNEF, BSP, BSPT, NPT, NPS plus more.
- Special sizes manufactured on request.

## DRILLS - AUGER BITS



### Star M Augers

These are also known as SHIP AUGERS. Hardened to increase bit life. Despite the hardness of 57-58 Rockwell C, augers can be sharpened with a needle or diamond file or mounted point. Ideal for use in HARDWOOD applications such as telephone poles, timber bridges and pest control applications. Ship augers have an extra cutting edge turning backwards from the leading edge to clear and size the hole. The absence of a cutting wing offers easier drilling through hardwood.

Part Number	Description	Size
STM8010	Star M Auger Ship 457mm Long	10mm
STM8011	Star M Auger Ship 457mm Long	11mm
STM8012	Star M Auger Ship 457mm Long	12mm
STM8013	Star M Auger Ship 457mm Long	13mm
STM8014	Star M Auger Ship 457mm Long	14mm
STM8016	Star M Auger Ship 457mm Long	16mm
STM8018	Star M Auger Ship 457mm Long	18mm
STM8019	Star M Auger Ship 457mm Long	19mm
STM8022	Star M Auger Ship 457mm Long	22mm
STM8025	Star M Auger Ship 457mm Long	25mm
STM8027	Star M Auger Ship 457mm Long	27mm
STM8029	Star M Auger Ship 457mm Long	29mm
STM8032	Star M Auger Ship 457mm Long	32mm

## DRILLS - DIAMOND CORE



### Dry Drilling Core Bits - For Electric Power Drills Abrasive Materials (Dry Cutting)

For dry drilling fast, clean and accurate holes through soft brick, concrete block and other abrasive masonry materials.

- Fits standard electric drilling motor machines over 850-watt.
- Up to three times the drilling speed of carbide core bits.
- Clean, accurate holes with no material back breakout.
- Lower noise than conventional methods.



Part Number	Size mm Diameter x Length	Part Number	Size mm Diameter x Length
<b>Professional Quality</b>	<b>DCB</b>	<b>Professional Quality</b>	<b>DCB</b>
DCB-22300	22 x 300 x HEX	DCB-92150	92 x 150 x 1/2" BSP
DCB-28300	28 x 300 x 1/2" BSP	DCB-107150	107 x 150 x 1/2" BSP
DCB-38150	38 x 150 x 1/2" BSP	DCB-117150	117 x 150 x 1/2" BSP
DCB-52150	52 x 150 x 1/2" BSP	DCB-127150	127 x 150 x 1/2" BSP
DCB-65150	65 x 150 x 1/2" BSP	DCB-152150	152 x 150 x 1/2" BSP
DCB-78150	78 x 150 x 1/2" BSP		



### Wet Drilling Core Bits - Professional Core Drilling Concrete (Wet Cutting)

For wet drilling fast, clean and accurate holes through hard brick, reinforced concrete and other hard masonry materials.

- Fits most professional hand-held or rig mounted core drilling motors.



Part Number	Size mm Diameter x Length
<b>Professional Quality</b>	<b>DYNAMIC - SEGMENTED CORE DRILL</b>
ULTIMA-52450	52 x 450 x 1 1/4"
ULTIMA-57450	57 x 450 x 1 1/4"
ULTIMA-62450	62 x 450 x 1 1/4"
ULTIMA-67450	67 x 450 x 1 1/4"
ULTIMA-72450	72 x 450 x 1 1/4"
ULTIMA-77450	77 x 450 x 1 1/4"
ULTIMA-82450	82 x 450 x 1 1/4"
ULTIMA-92450	92 x 450 x 1 1/4"
ULTIMA-102450	102 x 450 x 1 1/4"
ULTIMA-107450	107 x 450 x 1 1/4"
ULTIMA-112450	112 x 450 x 1 1/4"
ULTIMA-127450	127 x 450 x 1 1/4"
ULTIMA-152450	152 x 450 x 1 1/4"

Note: Re-Tipping of Clipper Wet Drilling Core Bits is available upon request subject to inspection by a CLIPPER representative. Note: Other sizes available upon request.



### Dry Drilling Core Bit Kits

Part Number	Size mm Diameter x Length
<b>Professional Quality</b>	
DCB-3PCKIT	<b>3 Piece Dry Core Bit Kit</b> (Includes 38mm, 52mm and 65mm Dry Core Bit, 200mm Universal Extension Rod, A-Taper Centering Masonry Drill Bit, Drift Key, SDS Plus Adaptor and Hex Adaptor)
DCB-5PCKIT	<b>5 Piece Dry Core Bit Kit</b> (Includes 38mm, 52mm, 65mm, 117mm, 127mm Dry Core Bits, 200mm Universal Extension Rod, A-Taper Centering Masonry Drill Bit, Drift Key, SDS Plus Adaptor and Hex Adaptor.)



# CUTTING TOOLS

## DRILLS - INSERTS - INDEXABLE

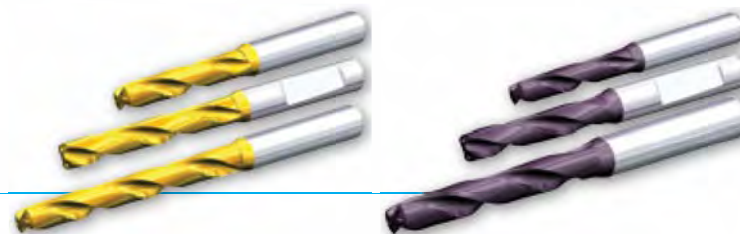


### Indexable Drills

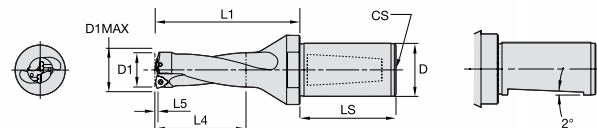
- Drill short holes up to 4xD with DFR, DFT and DFS Indexable Drills in all materials
- Use where speed and economy are prime considerations

#### FEATURES

- Tool steel bodies
- Easy insert change
- X offset design
- Tailored grades and geometries
- Customization



Drill FIX DFT Bodies



D1 ± 0,2 mm

### 2.5xD WN/WD Shank – Metric

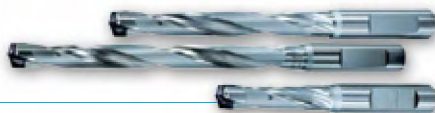
D1			order number		D	gage insert	L1	L4 max	L5	LS	CS	insert screw	Torx wrench	Torx size
mm	mm max	inch												
20,0	21,0	.787	1541361	DFT200R2WD20M	20	DFT030304	75,0	48,0	0,84	45	R1/8 BSP	192.432	170.028	T8
20,0	21,0	.787	1541362		32	DFT030304	75,0	48,0	0,84	58	R1/4 BSP	192.432	170.028	T8
20,0	21,0	.787	1541842		40	DFT030304	75,0	48,0	0,84	68	R1/4 BSP	192.432	170.028	T8
21,0	23,0	.827	1541317	DFT210R2WD20M		DFT030304	75,0	48,0	0,87	45	R1/8 BSP	192.432	170.028	T8
21,0	23,0	.827	1541363			DFT030304	75,0	48,0	0,87	58	R1/4 BSP	192.432	170.028	T8
21,0	23,0	.827	1541843			DFT030304	75,0	48,0	0,87	68	R1/4 BSP	192.432	170.028	T8
22,0	23,0	.866	1541318	DFT220R2WD20M		DFT030304	75,0	49,0	1,01	45	R1/8 BSP	192.432	170.028	T8
22,0	23,0	.866	1541364			DFT030304	75,0	49,0	1,01	58	R1/4 BSP	192.432	170.028	T8
22,0	23,0	.866	1541844			DFT030304	75,0	49,0	1,01	68	R1/4 BSP	192.432	170.028	T8
23,0	25,0	.906	1541319	DFT230R2WD20M		DFT030304	75,0	48,0	1,07	45	R1/8 BSP	192.432	170.028	T8
23,0	25,0	.906	1541365			DFT030304	75,0	48,0	1,07	58	R1/4 BSP	192.432	170.028	T8
23,0	25,0	.906	1541845			DFT030304	75,0	48,0	1,07	68	R1/4 BSP	192.432	170.028	T8
24,0	25,0	.945	1541366	DFT240R2WD32M		DFT030304	90,0	59,0	1,12	58	R1/4 BSP	192.432	170.028	T8
24,0	25,0	.945	1541846			DFT030304	90,0	59,0	1,12	68	R1/4 BSP	192.432	170.028	T8
25,0	27,0	.984	1541367	DFT250R2WD32M		DFT05T308	90,0	58,0	0,94	58	R1/4 BSP	191.924	170.024	T9
25,0	27,0	.984	1541847			DFT05T308	90,0	58,0	0,94	68	R1/4 BSP	191.924	170.024	T9

Product range from 12.5 - 270mm diameter. Table above a snapshot of DFT Drill range.



### Drills

- Drill bodies are sold separately
- Price will vary depending on Diameter and Length
- Other drilling options include Indexable and Solid Carbide
- Diameter range from 3mm to 270mm with lengths of up to 30 x diameter
- High performance for greater productivity
- Promotional kits are available for all styles of drills, to help reduce costs.



KSEM Insert			
Seat Size	Range mm	Seat Size	Range mm
C	12.5 - 13.5	5	24.5 - 26.0
B	13.6 - 14.5	6	26.19 - 28.0
A	14.6 - 15.8	7	28.18 - 30.0
1	15.88 - 18.0	8	30.16 - 32.0
2	18.20 - 19.84	9	32.5 - 36.0
3	20.0 - 22.0	10	36.51 - 40.0
4	22.23 - 24.0		



KTIP Insert			
Seat Size	Range mm	Seat Size	Range mm
F	8.0 - 8.4	S	14.5 - 14.9
G	8.5 - 8.9	T	15.0 - 15.88
H	9.0 - 9.4	U	16.0 - 16.9
I	9.5 - 9.92	V	17.0 - 17.9
J	10.0 - 10.49	W	18.0 - 18.9
K	10.5 - 10.9	X	19.0 - 19.9
L	11.0 - 11.4	Y	20.0 - 20.99
M	11.5 - 11.91	Z	21.0 - 21.5
N	12.0 - 12.47	ZA	22.0 - 22.5
O	12.5 - 12.9	ZB	23.0 - 23.81
P	13.0 - 13.49	ZC	24.0 - 24.61
Q	13.5 - 13.9	ZD	25.0 - 25.99
R	14.0 - 14.4		



## DRILLS - MASONRY

**IRWIN**  
joran.



### Masonry Drilling - Straight Shank Drill Bits

- Fully hardened body - made from the finest Chrome Vanadium steel for maximum strength and longer life
- Ground single flute design - for 60% faster removal of drilling dust
- Unique brazing process ensures a perfect bond between tip and body
- Tungsten Carbide tip - aggressive, diamond-ground tip for faster drilling
- Sizes include:** 3, 4, 4.5, 5, 5.5, 6, 6.5, 7, 8, 10, 12, 13, 14, 16, 18, 20, 22 and 26mm
- Applications:** For drilling light building materials with 3 jaw chuck drills (rotary hammer/impact drills)
- Material Suitability:** Light concrete and brickwork

## DRILLS - MORSE TAPER SLEEVES



### Drill Sleeves

- Used for adapting morse taper drills to fit larger machines
- Turned from steel
- Precision made to exacting standards
- Hardened and ground for long life and durability
- Made in sizes 1-2 to 5-6
- Correctly heat treated to best suit product application
- \*Warning wear safety goggles user and bystander*

Part No.	Description	Size
5XD12	1-2 Morse Taper Drill Sleeve - Hardened & Ground	0.11kg
5XD23	2-3 Morse Taper Drill Sleeve - Hardened & Ground	0.18kg
5XD34	3-4 Morse Taper Drill Sleeve - Hardened & Ground	0.40kg
5XD45	4-5 Morse Taper Drill Sleeve - Hardened & Ground	1.04kg
5XD56	5-6 Morse Taper Drill Sleeve - Hardened & Ground	2.66kg

## DRILLS - MULTI PURPOSE

**IRWIN**  
joran.



### Cordless (Uni-Plus) Multi Purpose Drill Bits

- Fully hardened body - made from the finest Chrome Vanadium Steel for maximum strength and longer life
- Clean finish - cuts clean holes with minimal chipping
- Self centering - for improved centering and cut
- Ground single flute design for fast removal of dust at low RPM drilling. 1200 RPM MAX
- Unique Tungsten Carbide tip design - ground 4-face design ensures faster drilling
- Unique grinding point ensures lowest drilling pressure is used
- Suitable for drilling tiles with a scratch hardness of up to 8
- Do not use in impact drilling mode
- A pilot hole is recommended when drilling holes greater than 6mm in diameter
- Sizes include:** 4, 5, 5.5, 6, 6.5, 7, 8, 10, 12 & 14mm diameter
- Applications:** A versatile drill bit designed for use in cordless drills at low drilling speed. Especially suitable for jobs where a number of materials will be drilled through in one working process
- Material Suitability:** Brickwork, flooring tile, roofing tile, ceramics, wood, aluminium, plaster, limestone, slate marble, reinforced plastics, china, firebricks, construction iron and cast iron
- In cordless drills - can drill sheet metal up to approximately 1.5mm thick. Not recommended for drilling soft steel
- In drill presses - can drill short chipped materials like brass, cast iron and hardened steel

## DRILLS - STEP

**IRWIN**  
Unibit.



### Multiple Hole Step Drill Bits

- Speed Point tip - extra cutting edges for faster initial penetration and no need for centre punching (Except item 10231)
- Single cutting edge for perfectly round holes
- Available in Titanium nitride coating - extends cutting edge life up to 6 times longer (available on selected models)
- Three-sided shank - prevents drill bit slipping in chuck
- High quality material - industrial-grade, high-speed molybdenum steel, heat treated and tempered for long life
- Multiple steps - drills up to 13 different sized holes
- Burr-free holes - hole deburred by cutting edge of next larger step
- Easy hole sizing - you can see and feel each step as you drill
- Easy to sharpen - follow the contour of the factory grind
- Applications:** For drilling holes in electrical control boxes, sinks, car bodies and sheet metal
- Material Suitability:** Thin materials like mild steel, cooper, brass, aluminium, wood and laminates

## DIAMOND DRILL - TILE

**clipper**



### Tile Drilling Core Bits - For Electric Cordless Drills

Hard Materials (Wet Cutting)

For wet drilling fast, clean and accurate holes through Ceramic Tile, Porcelain, Granite, Marble, Glass, Terracotta and Fibreglass.

- Fits most standard cordless electric drills.

Part Number	Size mm Diameter x Length
<b>Professional Quality</b>	<b>TDB - ELECTROPLATED TILE DRILL</b>
<b>TDB-6MM</b>	6mm Diamond Tile Drill
<b>TDB-8MM</b>	8mm Diamond Tile Drill
<b>TDB-10MM</b>	10mm Diamond Tile Drill
<b>TDB-12MM</b>	12mm Diamond Tile Drill

**clipper**



### Tile Drilling Core Bit Kit

For wet drilling fast, clean and accurate holes through Ceramic Tile, Porcelain, Granite, Marble, Glass, Terracotta and Fibreglass.

- Fits most standard cordless electric drills.

Part Number	Description
<b>Professional Quality</b>	
<b>TDB-4PCKIT</b>	4 Piece Tile Drilling Kit (Includes 6, 8, 10 and 12mm Tile Drills and Suction Drill Guide)



# CUTTING TOOLS

**Starrett**

## Tile Drill Kit

- Diamond coated cutting edge permanently bonded to a tough steel body, providing the necessary clearance for cutting at high speeds
- Cuts rapidly through glass and ceramics
- Smooth surface finish



Part Number	Units per pack	Holesaw Sizes
<b>KD2000TD1</b>	7	5, 6, 6.5, 8, 10, 12mm and ejector spring

## DRILLS - SOLID CARBIDE



**KENNAMETAL**

## Solid Carbide

- GOMill™ line is specifically engineered to work on short length-of-cut applications in multiple workpiece materials, such as soft and hard steels, up to 48 HRC.
- The 3-flute sharp, 4-flute chamfer versions and ball nose support roughing, semi finishing and finishing applications.

Part No.	Grade	Diameter mm
<b>2mm - 12mm 3fl End Mill</b>		
<b>UEDE 0200 A3AS</b>	KC643M	2
<b>UEDE 0400 A3AS</b>	KC643M	4
<b>UEDE 0600 A3AS</b>	KC643M	6
<b>UEDE 0800 A3AS</b>	KC643M	8
<b>UEDE 1000 A3AS</b>	KC643M	10
<b>UEDE 1200 A3AS</b>	KC643M	12
<b>2mm - 12mm 3fl Ball Nose</b>		
<b>UEBE 0200 A3A</b>	KC643M	2
<b>UEBE 0400 A3A</b>	KC643M	4
<b>UEBE 0600 A3A</b>	KC643M	6
<b>UEBE 0800 A3A</b>	KC643M	8
<b>UEBE 1000 A3A</b>	KC643M	10
<b>UEBE 1200 A3A</b>	KC643M	12

## DRILLS - HAMMER

**IRWIN**  
joran.



## Speedhammer Plus Multi-Fit Drill Bits

- SDS-Plus multi-fit shank - for use with SDS-Plus, Hilti and Ramset R3 drills
- Fully hardened body made from the finest Chrome Vanadium steel for maximum strength and longer life
- 28% greater flute capacity - for fast removal of drilling dust, especially in green concrete
- Tungsten Carbide tip - aggressive, diamond-ground tip for faster drilling
- Extra short head - dust goes directly into flute for removal, reducing risk of clogging
- Self centering - for improved centering and cut
- **Sizes include:** 5, 5.5, 6, 6.5, 7, 8, 10, 12, 13, 14, 16, 18, 19, 20, 22, 24, 25, 26 & 28mm diameter
- **Applications:** For hammer drilling into very hard materials
- **Material Suitability:** Concrete, granite and bricks



## DRILLS - WOOD

**IRWIN**  
**SPEEDBOR**



## Wood Drilling Blue Groove Spade Bits

- 6mm hex shank - prevents bit from slipping in chuck
- 10% larger shank for added durability
- Blue groove point and cutting edge - cuts the wood up to 4X FASTER
- Parabolic scoop - optimises control and removal of wood chips
- Double spurs - for cleaner holes and reduced breakout
- Full length heat treatment - body is stronger and lasts longer
- Quick Change shank - for fast changing in Lock-n-Load adaptors
- **Sizes include:** 6, 8, 10, 12, 13, 14, 16, 18, 19, 20, 22, 24, 25, 28, 30, 32, 35 and 38mm
- **Applications:** For use in electric drills by electricians, carpenters, plumbers and DIYers
- **Material Suitability:** General wood boring, typically in soft wood

## HOLESAWS

**BORDO**  
INDUSTRIAL TOOLS



## Holesaws

Blu-Mol bi-metal premium quality hole saws are general purpose saws suitable for a wide variety of materials and applications. 4/6 positive tooth configuration allows for fast, smooth cuts and less vibration.

XP and XP2 TCT hole saws are ideal for repetition cutting in steel plate, stainless steel plate and synthetic resin plates XP saws suit plate up to 4mm thick and XP2 deep body saws are ideal for use on curved surfaces such as metal pipes.





## Bi-Metal Hole Saws

- Engineered for optimum performance in wood and metal
- Added durability - thick backing plate resists damage and increases life
- Unique tooth configuration - patented Vari-Tooth® design optimises cutting for fast cuts and long tool life
- Bi-metal construction creates a hardened edge to minimise tooth stripping
- Uses standard arbor
- Sizes include: 14, 16, 17, 19, 20, 21, 22, 24, 25, 27, 29, 30, 32, 33, 35, 37, 38, 40, 41, 43, 44, 46, 48, 51, 52, 54, 57, 60, 64, 65, 67, 68, 70, 73, 76, 79, 83, 86, 89, 92, 95, 98, 102, 105, 108, 111, 114, 117, 121, 127, 140 and 152 diameter



## Holesaws

PFERD Holesaws cut perfectly round holes quickly and easily, their high concentricity ensures reliable tool control.

- Sizes from LS14 to LS152 14mm - 152mm



## Holesaw Kits

PFERD Holesaws cut perfectly round holes quickly and easily, their high concentricity ensures reliable tool control.

Part Number	Description
25900710	LS-SO 7 (7 Piece Holesaw Kit) 13 Piece Kit Includes: LS 20, 22, 25, 32, 40, 4451, 57, 64, LSS2 Arbor, LSS4 Arbor, LSB6/90 Drill, 511 Adaptor
25900930	LS-SO 9 (9 Piece Holesaw Kit) 9 Piece Kit Includes: LS 20, 22, 25, 32, 40, 51, LSS2 Arbor, LSS4 Arbor, 511 Adaptor
25900020	LS-SO 13 (13Piece Holesaw Kit) 7 Piece Kit Includes: LS 20, 22, 25, 32, 40, LSS4 Arbor, 511 Adaptor



## Bi-Metal Holesaw Kits

- All kits include an ejector spring
- Kits feature a range of saws with sizes selected specifically to suit the relevant application

Part Number	Units per pack	Holesaw Sizes
KDP100	9	Electricians Kit - 16, 20, 25, 32, 40, 51mm Arbors- A4E, A10E
KDP2000G	9	General Purpose Kit - 22, 29, 35, 44, 51, 64mm Arbors- A1E, A10E
KDP2000U	17	Industrial Kit - 16, 20, 22, 25, 29, 32, 35, 38, 44, 51, 57, 64, 68, 76mm Arbors- A1E, A2E



KDM-MOAK

KDM-DWV

## Combined DH & MPH Holesaw Kit

- Combination of Dual Pitch Bi-Metal and Tungsten Carbide Tipped Fast Cut Multi-Purpose Holesaws

Part Number	Units per pack	Holesaw Sizes
KDM-MOAK	18	<b>Electricians Kit</b> 7 Bi-Metal: 16, 20, 25, 32, 35, 40, 51mm 9 MPH: 40, 51, 54, 73, 76, 83, 89, 92, 95mm 2 Arbors: A17-38E & A1E
KDM-DWV	13	<b>Plumbers Kit</b> 3 Bi-Metal: 16, 19, 25mm 7 MPH: 19, 25, 48, 57, 76, 92, 114mm 2 Arbors: A1E, A17-38E 1 carbide tipped pilot drill



# CUTTING TOOLS



**Starrett**

## MPH General Purpose Kit

- Tungsten carbide tipped for outstanding cutting performance and product durability
- Smooth cut, with minimal heat build up
- 54mm cutting depth
- Cuts wood, MDF, plastic, ceramic wall tiles and building bricks

Part Number	Units per pack	Holesaw Sizes
KMPH2000GP1	8	Kit 1 - 19, 22, 29, 35, 44, 51mm
KMPH2000GP2	11	Kit 2 - 19, 22, 29, 35, 44, 51, 57, 64, 68mm
KMPH2000GP3	13	Kit 3 - 19, 22, 29, 35, 38, 44, 51, 57, 64, 68, 76mm
KMPH2000L	9	Locksmiths Kit - 25, 29, 32, 35, 38, 54, 60mm
KMPH2000D	7	Electricians Downlight Kit - 73, 76, 83, 89, 92, 95mm Arbors - A17, 38E

## MILLING - TOOLHOLDERS & ADAPTORS



**KENAMETAL**

### BT Shank Tools

- Depending on the application Kennametal BT30, BT40 and BT50 balanced-by-design tool holders perform effectively up to 12,000 RPM
- Through-coolant is a standard feature when the toolholder design allows



**KENAMETAL**

### System Tooling

- Full range of adaptors available from KM25 up to KM100 as standards.
- HSK40 to HSK100
- CV and DV systems also available.
- All systems come in varying adaptors including shellmill, collet, shrink, hydraulic, weldon and endmill.

## MILLING - INSERTS



**KENAMETAL**

### INDEXABLE Milling

Part No.	Grade
<b>Mill 1 - 10 Insert</b>	
EDPT10T308PDERHD	KC725M
<b>Mill 1 - 14 Insert</b>	
EDPT140408PDERHD	KC725M
<b>Mill 1 - 18 Insert</b>	
EDPT180508PDERHD	KC725M
<b>KSOM Mini</b>	
OFPT06L5AFENG	KCPK30
<b>KSOM</b>	
OFPT07L6AFENG	KCPK30

- Price will vary depending on Diameter and Length
- Cutters come in straight shank and shell type
- Promotional kits are available upon request to suit customer requirements

Other sizes and ranges available.

## SCREW EXTRACTOR SETS



**RIDGID**

### No. 10 Screw Extractor Set

Contains 20 precision tools including one of each extractor - No's 1 to 5, with turnouts, drills No.1 to 5 and drill guides No's 921 to 1821. Other sets also available.

Part Number: 35585

**FAMOUS TOLEDO**  
EXCELLENCE BY DESIGN

### Screw Extractor Set

- Heat treated, high grade steel
- Quick and easy way to remove broken studs



Part No.	Description	Size
301075	SAE	1/8"/1/4", 1/4"/5/16", 5/16"/7/16", 7/16"/9/16", 9/16"/3/4", 3/4"/1"
	Metric	3/6mm, 6/8mm, 8/11mm, 11/14mm, 14/18mm, 18/25mm



## SILVER STEEL



### Silver Steel Stubs

Water Hardening - 1 metre lengths.



Part Number	Size
SS2	2mm
SS2.5	2.5mm
SS3	3mm
SS3.5	3.5mm
SS4	4mm
SS4.5	4.5mm
SS5	5mm
SS6	6mm
SS7	7mm
SS8	8mm
SS9	9mm
SS10	10mm
SS11	11mm
SS12	12mm
SS13	13mm
SS14	14mm
SS15	15mm
SS16	16mm
SS17	17mm
SS18	18mm
SS19	19mm
SS20	20mm
SS21	21mm
SS22	22mm
SS23	23mm
SS24	24mm
SS25	25mm
SS30	30mm
SS32	32mm
SS35	35mm
SS38	38mm
SS40	40mm
SS45	45mm
SS50	50mm

Part Number	Size
SS1/16"	1/16"
SS3/32"	3/32"
SS1/8"	1/8"
SS5/32"	5/32"
SS3/16"	3/16"
SS7/32"	7/32"
SS1/4"	1/4"
SS9/32"	9/32"
SS5/16"	5/16"
SS11/32"	11/32"
SS3/8"	3/8"
SS7/16"	7/16"
SS15/32"	15/32"
SS1/2"	1/2"
SS9/16"	9/16"
SS5/8"	5/8"
SS11/16"	11/16"
SS3/4"	3/4"
SS13/16"	13/16"
SS7/8"	7/8"
SS1inch	1"
SS1-1/8"	1-1/8"
SS1-1/4"	1-1/4"
SS1-3/8"	1-3/8"
SS1-1/2"	1-1/2"
SS1-3/4"	1-3/4"
SS2inch	2"

## TAPS - THREADING



### HSS Taps

Bordo stocks a complete range of HSS general purpose taps designed for use in medium tensile materials for either hand or general machine use. Most taps are available as taper, intermediate or bottoming leads.

Bordo also stock a complete range of HSSE-V3 machine taps in both spiral flute and spiral point. For "material specific" machining Bordo offer the colour band range of metric coarse taps.



### HSGT Hand and Short Machine Taps

Easily the most popular tap used in the industry, the Hand/Short Machine tap can be used in both hand tapping and short machine production runs. Manufactured from High Speed Steel, Goliath taps are designed for repeated use and are sold in all three leads – Taper, intermediate and Bottom.

The Taps can be supplied in sets as well as individually packaged. Our range includes standard Right Hand Threads, and a full range of Left Hand also.

#### Our vast range includes

- M1 – M56 METRIC,
- 1/8 – 2" UNC AND UNF, BSW and BSF
- Pipe Taps 1/8 – 3" IN BSPF, BSPT, NPT, NPS, NPTF AND NPSF.
- Other thread forms include BSB, BA, 8 UN, PG, Oversize and many more.



### Spiral Flute Taps

Spiral Flute Taps are designed primarily for machine use in blind hold tapping where swarf build up at the bottom of a tapped hole needs to be avoided. The helical flutes draw the chips out the hole and away from the work piece. Spiral flute taps are supplied in a bottoming lead allowing maximum thread depth in a single operation. Spiral flute taps are ideally suited to Aluminium, Copper and softer steels which produce long, thin swarf, but can also be used in other materials. Available in Bright Finish, Blue Finish and also with high performance coatings.

#### Range includes:

- M1 – M24 METRIC
- 1/8 – 1" BSW, UNC, UNF, BSF, BSP and more.
- Sizes over 1" also available in most thread forms



### HSGT Spiral Point / Gun Nose Taps

Spiral Point Taps, also known as Gun Nose are designed primarily for machine use in through hole tapping. They can also be used for hand tapping applications in difficult materials. Angled cutting faces on the taps leading edges drive the tapping swarf forward, through the hole away from the tool and the component. This also allows cutting fluid / coolant to flow down the taps flutes and minimise swarf build up. These taps also have a thicker core for added strength. Available in Bright Finish, Blue Finish and also with High Performance Coatings.

#### Range includes:

- M1 – M24 METRIC
- 1/8 – 1" BSW, UNC, UNF, BSF, BSP and more.
- Sizes over 1" also available in most thread forms



# CUTTING TOOLS

## TAP & DIE SETS



### Tap Sets, Tap & Drill Sets, Tap & Die Sets



Goliath stock the largest range of HSGT Tap sets, Tap and Drill sets, Tap and Die sets and Die sets. We carry over 100 set combinations in stock and can also make sets to order, to suit your exact requirements. Tap and Die Sets are supplied in tough wooden boxes with industrial grade foam inserts. Tap sets are supplied in hard, sturdy plastic cases.

#### Sets range from:

- M3 / M6 / M14 – M12 / M20 / M24 in Metric
- 1/4 – 1/2 / 3/4 / 1" in UNC, UNF, BSW and BSF
- 0 – 6 BA / 8 BA / 10 BA
- Plus - Goliath make sets to order

## THREADING - DIES



### Dies

A range of quality alloy and high speed dies are available to suit RIDGID threading machines.



Part No.	Description
66665	1/2" - 3/4" Universal Alloy Dies
66670	1" - 2" Universal Alloy Dies
66760	1/2" - 3/4" Universal HS Dies
66765	1" - 2" Universal HS Dies

## THREADER SETS



### Hand Ratchet Pipe Threader Sets

Designed for portability and easy threading in tight spaces. Quality HSS dies. Dieheads are interchangeable with most leading brands of hand ratchet threaders and hand held power threaders. All sets supplied in robust carrying case.



Part Number	Maximum Pipe Capacity	Dies & Dieheads Included
6002409	1" N.B.	1/2", 3/4", 1" BSPT
6002206	1 1/4" N.B.	1/2", 3/4", 1", 1 1/4" BSPT
6002302	2" N.B.	1/2", 3/4", 1", 1 1/4", 1 1/2", 2" BSPT



### Portable Power Pipe Threader Sets

Versatile portable power threading without a vice. Suitable for on-site applications. Threads at 15-25rpm with 60 rpm geared reverse. Dieheads and dies are same as hand ratchet threaders.



Part Number	Maximum Pipe Capacity	Dies & Dieheads Included
8652000	1" N.B.	1/2", 3/4", 1" BSPT
8662000	1 1/4" N.B.	1/2", 3/4", 1", 1 1/4" BSPT
8642202	2" N.B.	1/2", 3/4", 1", 1 1/4", 1 1/2", 2" BSPT

For specific  
**THREADING, DRILLING,  
TAPPING and MILLING solutions**  
contact your ISG Member  
for assistance.





## TURNING



### KENLOC Inserts

Part No.	Geometry		Grades	
CNMG120408	RN	MN	KCP05	KCP10
	FN	FF	KCP25	KCP40
WNMG080408			KCM15	KCM25
DNMG150408	RP	MP		
	UP		KCM35	
TNMG160408	UN		KCK15	KCK20
CCMT09T304	LF	MF	In most grades	
DCMT11T304	LF	MF		

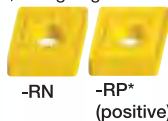
Steel = Steel Stainless Steel = Stainless Steel Cast Iron = Cast Iron

Kenna Perfect grades also available. Other sizes and ranges available.

### 1st Step - Select the Insert Geometry

#### Negative Inserts

##### ▼ Roughing



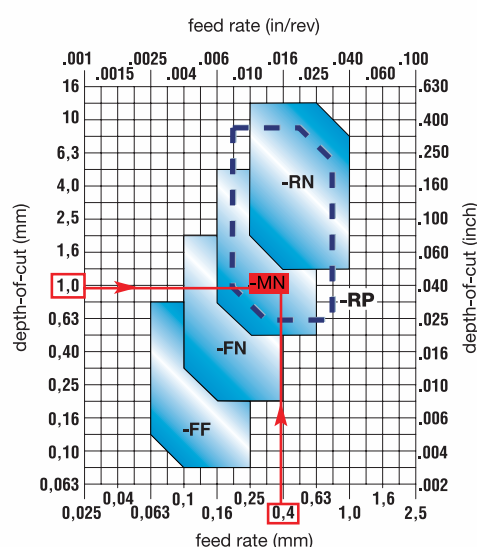
##### ▼ Medium Machining



##### ▼ Finishing



##### ▼ Fine Finishing



\*-RP — Supplemental geometry for for high-strength materials

### 2nd Step - Select the Grade

#### Cutting Condition

heavily interrupted cut	KC9110	KC9125	K9140	KC9140	KC9140
lightly interrupted cut	KC9110	KC9125	KC9125	KC9125	KC9125
varying depth-of-cut, casting, or forging skin	KT315	KC9110	KC9110	KC9110	KC9110
smooth cut, pre-turned surface	KT315	KT315	KC9110	KC9110	KC9110

### 3rd Step - Select the Cutting Speed

Low-Carbon (<0.3%C) and Free-Machining Steel

AISI: 1008, 1010, 1018, 1020, 1026, 10L18, 10L45, 10L50, 1108, 1117, 1141, 1151, 11L44, 1200 series, and 12L14

KENNA PERFECT™ Material Group	grade	Speed — m/min (sfm)								Starting Conditions	
		135 (450)	180 (600)	225 (750)	275 (900)	1050 (320)	360 (1200)	450 (1350)	455 (1500)	m/min	sfm
P1	KT315									440	1450
	KC9110 / KC9315									400	1320
	KC9125 / KC9225									280	925
	KC9140 / KC9240									215	700

New KENNA PERFECT Material Group Selection Guide:



### A2™ Cut-Off Inserts

Parting Off		Turn Groove	
Part No.	Grade	Part No.	Grades
A2030N00CL02	KCU25	A4G0305M03U04GUP	KCU25
A2BNSN32M03		A4SMR/L2525M0317	
A2040N00CL02	KCU25	A4G0405M04U04GUP	KCU25
A2BNSN32M04		A4SMR/L2525M0417	

Blades also come in 19, 26 and 32mm heights

Other sizes and ranges available.



### A2 Parting Off Promotional Kit

Buy 30 inserts - A2030N00CL02 KCU25  
Receive one blade FREE - A2BNSN32M03



- Other sizes available on request.
- Radius and cut off inserts also available

### A4 Turn Groove Promotional Kit

Buy 30 inserts - A4G0405M04U04GUP KCU25  
Receive one FREE tool holder - A4SMR2525M0417







## special tools produced to your exact requirements...



**Sutton Tools** is a leading global provider  
of specialist cutting tool solutions.

The Special Tool manufacturing facility incorporates technologically advanced CNC grinding processes with CAD support, coating and heat treatment equipment.

## Supa fast



## Special HSGT Taps

**Express Delivery Service**

Sutton Tools is a leading international manufacturer of specialist cutting tools and is renowned for producing high performance, precision cutting tools specifically designed to individual customer requirements.

With comprehensive customer service and warehouse facilities, our Express Delivery Service enables us to meet your requirements more efficiently than ever before.



## DRILL SETS - IMPERIAL



92254



BF3



Drill Stand



S2 Blue

S3 TiN

S3 Co

FROST - GOOD		P&N - BETTER		SUTTON TOOLS - BEST			
Set Type/Finish	Bright	Blue	Bright	Bright	Blue	Cobalt	TiNite
Base Material	HSS	HSS	Premium HSS	Premium HSS	Premium HSS	Cobalt HSS	HSS
Design to Cut	Metal, Wood, Plastic	Metal, Wood, Plastic	Metal, Wood, Plastic	Metal, Wood, Plastic	Metal Ferrous Material	Metal Stainless Steel	Metal Ferrous Material

			FROST	P&N			SUTTON TOOLS			
				Bright	BlackMax	Cobalt	Bright	Blue	TiNite	Cobalt
<b>S1</b>	1/16 - 1/4 x 64ths	13	92250	150B00WF1			D101 S1	D102 S1	D103 S1	D109 S1
<b>S2</b>	1/16 - 3/8 x 64ths	21	92252	150B00WF2	150B00BF2	150B00CF2	D101 S2	D102 S2	D103 S2	D109 S2
<b>S25R</b>	1/16 - 3/8 x 64ths (Plus 13/32, 7/16, 15/32 & 1/2 with 3/8 Shanks)	25					D101 S25R	D102 S25R		
<b>S3</b>	1/16 - 1/2 x 64ths	29	92254	150B00WF3	150B00BF3	150B00CF3	D101 S3	D102 S3	D103 S3	D109 S3
<b>S3B</b>	1/16 - 1/2 x 32nds	15					D101 S3B	D102 S3B		
<b>S3BR</b>	1/16 - 1/2 x 32nds (13/32-1/2 x 3/8 Shanks)	15					D101 S3BR			
<b>S4</b>	1/16 - 1/4 x 64ths	13					D101 S4	D102 S4		
<b>S8</b>	1/16 - 1/2 x 64ths (Suits S7 Stand)	29						D102 S8		
<b>S17</b>	1/16 - 1/4 x 64ths Plus 9/32, 5/16, 11/32 & 3/8	17					D101 S17			
<b>Viper Sets</b>										
<b>V2</b>	1/16 - 3/8 x 1/64	21					D105 V2			
<b>V3</b>	1/16 - 1/2 x 1/64 (25/64 - 1/2 x 3/8 Shanks)	29					D105 V3			
<b>SLV7</b>	1/16 - 1/4 x 1/32	7					D105 SLV7			
<b>SLV10</b>	1/16 - 5/32 x 1/64 + 3/16, 7/32, 1/4	10					D105 SLV10			
<b>SLV11</b>	1/16 - 3/8 x 1/32	11					D105 SLV11			
<b>SLV13</b>	1/16 - 1/4 x 1/64	13					D105 SLV13			
<b>WV14</b>	1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4	10					D105 WV14			
<b>WV38</b>	1/16, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 3/8	10					D105 WV38			
<b>SRK-1</b>	1/16, 3/32, 1/8	3					D101 SRK1			
<b>SRK-2</b>	1/16 - 1/8 x 1/64	5					D101 SRK2			
<b>SRK-3</b>	1/16 - 3/16 x 1/32	5					D101 SRK3			
<b>Wire Gauge</b>										
<b>S30</b>	#1 - #60 Wire Gauge	60					D101 S30			
<b>S31</b>	#61 - #80 Wire Gauge	20					D101 S31			
<b>Drill Stands</b>										
<b>S7</b>	1/16 - 1/2 x 64ths	1					D101 S7			



# CUTTING TOOLS

## DRILL SETS - METRIC



92260



BM3



SM 99 Blue



SM2 Blue



SM3 TiNite



SM3 Co



FROST - GOOD		P&N - BETTER		SUTTON TOOLS - BEST			
Set Type/Finish	Bright	Blue	Bright	Bright	Blue	Cobalt	TiNite
Base Material	HSS	HSS	Premium HSS	Premium HSS	Premium HSS	Cobalt HSS	HSS
Design to Cut	Metal, Wood, Plastic	Metal, Wood, Plastic	Metal, Wood, Plastic	Metal, Wood, Plastic	Metal Ferrous Material	Metal Stainless Steel	Metal Ferrous Material

			FROST	P&N			SUTTON TOOLS			
				Bright	BlackMax	Cobalt	Bright	Blue	TiNite	Cobalt
SM1	1.0 – 6.5mm x 0.5	12		150B00WM1			D101 SM1	D102 SM1	D103 SM1	
SM1 Co	2.0 – 6.5mm x 0.5	10								D109 SM1
SM1	1.5 – 6.5mm x 0.5 + 3.3 & 4.2	13	92256							
SM16	1.0 – 6.5mm x 0.5 + 7.0, 8.0, 9.0 & 10.0mm	16					D101 SM16			
SM2	1.0 – 10.0mm x 0.5	19	92258	150B00WM2	150B00BM2		D101 SM2	D102 SM2	D103 SM2	
SM2 Co	2.0 – 10.0mm x 0.5	17				150B00CM2				D109 SM2
SM22R	1.0 – 10.0mm x 0.5 (Plus 11.0, 12.0 & 13.0mm with 10.0mm Shanks)	22					D101 SM22R			
SM25R	1.0 – 13.0mm x 0.5 (10.5 – 13.0mm x 10.0mm Shanks)	25					D101 SM25R			
SM3	1.0 – 13.0mm x 0.5	25	92260	150B00WM3	150B00BM3		D101 SM3	D102 SM3	D103 SM3	
SM3 Co	2.0 – 13.0mm x 0.5	23				150B00CM3				D109 SM3
SM4	1.0 – 6.5mm x 0.5	12					D101 SM4	D102 SM4		
SM8	1.0 – 3.0mm x 0.25 (Suits SM7 Stand) 3.5 – 13.0mm x 0.5	29					D101 SM8	D102 SM8		
SM30	1.0mm – 5.9mm x 0.1	50					D101 SM30	D102 SM30		
SM41	6.0mm – 10.0mm x 0.1	41					D101 SM41	D102 SM41		
SM99	1.0 – 10.0mm x 0.1 (Plus 10.5, 10.9, 11.0, 11.5, 11.9, 12.0, 12.5, 12.9, 13.0mm)	100						D102 SM99		
Viper Sets										
V2M	1.0mm – 10.0mm x 0.5mm	19					D105 V2M			
V3M	1.0mm – 13.0mm x 0.5mm (10.5-13.0mm x 10.0mm Shanks)	25					D105 V3M			
SLV7M	1.5, 2.0, 3.0, 4.0, 5.0, 5.5, 6.0mm	7					D105 SLV7M			
SLV10M	1.0mm – 10.0mm x 1.0mm	10					D105 SLV10M			
SLV13M	1.5mm – 6.5mm x 0.5mm + 3.2mm, 4.8mm	13					D105 SLV13M			
SRK-M2	1.5mm – 3.5mm x 0.5mm	5					D101 SRKM2			
SRK-M3	1.5, 2.0, 3.0, 4.0, 5.0mm	5					D101 SRKM3			
Drill Stands										
SM7	1.0 – 3.0mm x 0.25, 3.5 – 13.0mm x 0.5	1					D101 SM7			



## DRILL BITS



Stub Blue



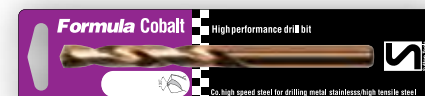
Jobber Bright



Jobber Blue



Jobber TiNite



HSS Cobalt

### Drill Bits - High Speed Steel Bulk - Carded

**Stub Drill** - Rigid twist drill - Shorter in overall length and flute length than the jobber drill - Self centring point geometry

**Jobber Drill** - Standard length twist drill - General purpose applications - Designed for machine and hand held drilling in a wide range of materials  
Range available up to 20.00mm

Size		Bulk				Carded
mm	Inch	Stub Drill Blue Shallow Holes	Jobber Bright Non Ferrous	Jobber Blue Ferrous	Jobber TiNite Repetition	Jobber Cobalt Tough Steels
1.00		D100 0100	D101 0100	D102 0100	D103 0100**	D108 0100
1.02	60		D101 0102			
1.04	59		D101 0104			
1.07	58		D101 0107			
1.09	57		D101 0109			
1.10			D101 0110	D102 0110	D103 0110**	
1.18	56		D101 0118			
1.19	3/64		D101 0119	D102 0119		
1.20			D101 0120	D102 0120	D103 0120**	
1.30			D101 0130	D102 0130	D103 0130**	
1.32	55		D101 0132			
1.39	54		D101 0139			
1.40			D101 0140	D102 0140	D103 0140**	
1.50		D100 0150	D101 0150	D102 0150	D103 0150**	D108 0150
1.51	53		D101 0151			
1.59	1/16	D100 0159	D101 0159	D102 0159		D108 0159
1.60			D101 0160	D102 0160	D103 0160**	
1.61	52		D101 0161			
1.70			D101 0170	D102 0170	D103 0170**	
1.70	51		D101 0171			
1.78	50		D101 0178			
1.80			D101 0180	D102 0180	D103 0180**	
1.85	49		D101 0184			
1.90			D101 0190	D102 0190	D103 0190**	
1.93	48		D101 0193			
1.98	5/64	D100 0198	D101 0198	D102 0198		D108 0198
1.99	47		D101 0199			
2.00		D100 0200	D101 0200	D102 0200	D103 0200**	D108 0200
2.06	46		D101 0206			
2.08	45		D101 0208			
2.10			D101 0210	D102 0210	D103 0210**	
2.18	44		D101 0218			
2.20			D101 0220	D102 0220	D103 0220**	
2.26	43		D101 0226			
2.30			D101 0230	D102 0230	D103 0230**	
2.37	42		D101 0237			

Size		Bulk				Carded
mm	Inch	Stub Drill Blue Shallow Holes	Jobber Bright Non Ferrous	Jobber Blue Ferrous	Jobber TiNite Repetition	Jobber Cobalt Tough Steels
2.38	3/32	D100 0238	D101 0238	D102 0238		D108 0238
2.40			D101 0240	D102 0240	D103 0240**	
2.44	41		D101 0244			
2.49	40		D101 0249			
2.50		D100 0250	D101 0250	D102 0250	D103 0250**	D108 0250
2.53	39		D101 0253			
2.58	38		D101 0258			
2.60			D101 0260	D102 0260	D103 0260**	
2.64	37		D101 0264			
2.70			D101 0270	D102 0270	D103 0270**	
2.70	36		D101 0271			
2.78	7/64	D100 0278	D101 0278	D102 0278		D108 0278
2.79	35		D101 0279			
2.80			D101 0280	D102 0280	D103 0280**	
2.82	34		D101 0282			
2.87	33		D101 0287			
2.90			D101 0290	D102 0290	D103 0290**	
2.95	32		D101 0294			
3.00		D100 0300	D101 0300	D102 0300	D103 0300**	D108 0300
3.05	31		D101 0305			
3.10			D101 0310	D102 0310	D103 0310**	
3.18	1/8	D100 0318	D101 0318	D102 0318		D108 0318
3.20			D101 0320	D102 0320	D103 0320**	
3.26	30		D101 0326			
3.30			D101 0330	D102 0330	D103 0330**	
3.40			D101 0340	D102 0340	D103 0340**	
3.45	29		D101 0345			
3.50		D100 0350	D101 0350	D102 0350	D103 0350**	D108 0350
3.57	28		D101 0356			
3.57	9/64	D100 0357	D101 0357	D102 0357		D108 0357
3.60			D101 0360	D102 0360	D103 0360**	
3.66	27		D101 0366			
3.70			D101 0370	D102 0370	D103 0370**	
3.73	26		D101 0373			
3.80	25		D101 0379			
3.80			D101 0380	D102 0380	D103 0380**	

\* Bulk Pack sizes change 10 to 5

\*\* Bulk Pack 1 per pack



# CUTTING TOOLS

## DRILL BITS



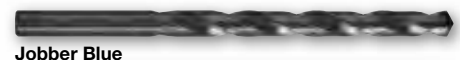
Stub Blue



Jobber Bright



Jobber TiNite



Jobber Blue



HSS Cobalt

### Drill Bits - High Speed Steel Bulk

**Stub Drill** - Rigid twist drill - Shorter in overall length and flute length than the jobber drill - Self centring point geometry

**Jobber Drill** - Standard length twist drill - General purpose applications - Designed for machine and hand held drilling in a wide range of materials  
Range available up to 20.00mm

Size		Bulk				Carded
		Stub Drill Blue Shallow Holes	Jobber Bright Non Ferrous	Jobber Blue Ferrous	Jobber TiNite Repetition	Jobber Cobalt Tough Steels
3.86	24		D101 0386			
3.90			D101 0390	D102 0390	D103 0390**	
3.91	23		D101 0391			
3.97	5/32	D100 0397	D101 0397	D102 0397		D108 0397
3.99	22		D101 0399			
4.00		D100 0400	D101 0400	D102 0400	D103 0400**	D108 0400
4.04	21		D101 0404			
4.09	20		D101 0409			
4.10			D101 0410	D102 0410	D103 0410**	
4.20			D101 0420	D102 0420	D103 0420**	
4.22	19		D101 0422			
4.30			D101 0430	D102 0430	D103 0430**	
4.30	18		D101 0431			
4.37*	11/64	D100 0437	D101 0437	D102 0437		D108 0437
4.39	17		D101 0439			
4.40			D101 0440	D102 0440	D103 0440**	
4.50	16		D101 0449			
4.50		D100 0450	D101 0450	D102 0450	D103 0450**	D108 0450
4.57	15		D101 0457			
4.60			D101 0460	D102 0460	D103 0460**	
4.62	14		D101 0462			
4.70	13		D101 0469			
4.70			D101 0470	D102 0470	D103 0470**	
4.76	3/16	D100 0476	D101 0476	D102 0476		D108 0476
4.80			D101 0480	D102 0480	D103 0480**	
4.80	12		D101 0481			
4.85	11		D101 0485			
4.90			D101 0490	D102 0490	D103 0490**	
4.91	10		D101 0491			
4.98	9		D101 0498			
5.00*		D100 0500	D101 0500	D102 0500	D103 0500**	D108 0500
5.05	8		D101 0506			
5.10			D101 0510	D102 0510	D103 0510**	
5.10	7		D101 0511			
5.16	13/64	D100 0516	D101 0516	D102 0516		D108 0516
5.18	6		D101 0518			

Size		Bulk				Carded
		Stub Drill Blue Shallow Holes	Jobber Bright Non Ferrous	Jobber Blue Ferrous	Jobber TiNite Repetition	Jobber Cobalt Tough Steels
5.20			D101 0520	D102 0520	D103 0520**	
5.22	5		D101 0522			
5.30			D101 0530	D102 0530	D103 0530**	
5.31	4		D101 0531			
5.40			D101 0540	D102 0540	D103 0540**	
5.41	3		D101 0541			
5.50		D100 0550	D101 0550	D102 0550	D103 0550**	D108 0550
5.56	7/32	D100 0556	D101 0556	D102 0556		D108 0556
5.60			D101 0560	D102 0560	D103 0560**	
5.61	2		D101 0561			
5.70			D101 0570	D102 0570	D103 0570**	
5.79	1		D101 0579			
5.80			D101 0580	D102 0580	D103 0580**	
5.90			D101 0590	D102 0590	D103 0590**	
5.95	15/64	D100 0595	D101 0595	D102 0595		D108 0595
6.00		D100 0600	D101 0600	D102 0600	D103 0600**	D108 0600
6.10			D101 0610	D102 0610	D103 0610**	
6.20			D101 0620	D102 0620	D103 0620**	
6.30			D101 0630	D102 0630	D103 0630**	
6.35	1/4	D100 0635	D101 0635	D102 0635		D108 0635
6.40			D101 0640	D102 0640	D103 0640**	
6.50		D100 0650	D101 0650	D102 0650	D103 0650**	D108 0650
6.60			D101 0660	D102 0660	D103 0660**	
6.70			D101 0670	D102 0670	D103 0670**	
6.75	17/64	D100 0676	D101 0676	D102 0676		D108 0676
6.80			D101 0680	D102 0680	D103 0680**	
6.90			D101 0690	D102 0690	D103 0690**	
7.00		D100 0700	D101 0700	D102 0700	D103 0700**	D108 0700
7.10			D101 0710	D102 0710	D103 0710**	
7.14	9/32	D100 0714	D101 0714	D102 0714		D108 0714
7.20			D101 0720	D102 0720	D103 0720**	
7.30			D101 0730	D102 0730	D103 0730**	
7.40			D101 0740	D102 0740	D103 0740**	
7.50		D100 0750	D101 0750	D102 0750	D103 0750**	D108 0750
7.54	19/64	D100 0754	D101 0754	D102 0754		D108 0754
7.60			D101 0760	D102 0760	D103 0760**	

\* Bulk Pack sizes change 10 to 5

\*\* Bulk Pack 1 per pack



## DRILL BITS



### Drill Bits - High Speed Steel Bulk

**Stub Drill** - Rigid twist drill - Shorter in overall length and flute length than the jobber drill - Self centring point geometry

**Jobber Drill** - Standard length twist drill - General purpose applications - Designed for machine and hand held drilling in a wide range of materials  
Range available up to 20.00mm

Size		Bulk				Carded
		Stub Drill Blue Shallow Holes	Jobber Bright Non Ferrous	Jobber Blue Ferrous	Jobber TiNite Repetition	Jobber Cobalt Tough Steels
7.70			D101 0770	D102 0770	D103 0770**	
7.80			D101 0780	D102 0780	D103 0780**	
7.90			D101 0790	D102 0790	D103 0790**	
7.94	5/16	D100 0794	D101 0794*	D102 0794*		D108 0794
8.00		D100 0800	D101 0800*	D102 0800*	D103 0800**	D108 0800
8.10			D101 0810*	D102 0810*	D103 0810**	
8.20			D101 0820*	D102 0820*	D103 0820**	
8.30			D101 0830*	D102 0830*	D103 0830**	
8.33	21/64	D100 0833	D101 0833*	D102 0833*		D108 0833
8.40			D101 0840*	D102 0840*	D103 0840**	
8.50		D100 0850	D101 0850*	D102 0850*	D103 0850**	D108 0850
8.60			D101 0860*	D102 0860*	D103 0860**	
8.70			D101 0870*	D102 0870*	D103 0870**	
8.73	11/32	D100 0873	D101 0873*	D102 0873*		D108 0873
8.80			D101 0880*	D102 0880*	D103 0880**	
8.90			D101 0890*	D102 0890*	D103 0890**	
9.00		D100 0900	D101 0900*	D102 0900*	D103 0900**	D108 0900
9.10			D101 0910*	D102 0910*	D103 0910**	
9.13	23/64	D100 0913	D101 0913*	D102 0913*		D108 0913
9.20			D101 0920*	D102 0920*	D103 0920**	
9.30			D101 0930*	D102 0930*	D103 0930**	
9.40			D101 0940*	D102 0940*	D103 0940**	
9.50		D100 0950	D101 0950*	D102 0950*	D103 0950**	D108 0950
9.52*	3/8	D100 0953	D101 0953*	D102 0953*		D108 0953
9.60			D101 0960*	D102 0960*	D103 0960**	
9.70			D101 0970*	D102 0970*	D103 0970**	
9.75				D102 0975*		
9.80			D101 0980*	D102 0980*	D103 0980**	
9.90			D101 0990*	D102 0990*	D103 0990**	
9.92	25/64	D100 0992	D101 0992*	D102 0992*		D108 0992
10.00		D100 1000	D101 1000*	D102 1000*	D103 1000**	D108 1000
10.10			D101 1010*	D102 1010*	D103 1010**	
10.20			D101 1020*	D102 1020*	D103 1020**	
10.30			D101 1030*	D102 1030*	D103 1030**	
10.32	13/32	D100 1032	D101 1032*	D102 1032*		D108 1032
10.40			D101 1040*	D102 1040*	D103 1040**	

Size		Bulk				Carded
		Stub Drill Blue Shallow Holes	Jobber Bright Non Ferrous	Jobber Blue Ferrous	Jobber TiNite Repetition	Jobber Cobalt Tough Steels
10.50		D100 1050	D101 1050*	D102 1050*	D103 1050**	D108 1050
10.60			D101 1060*	D102 1060*	D103 1060**	
10.70			D101 1070*	D102 1070*	D103 1070**	
10.72	27/64	D100 1072*	D101 1072*	D102 1072*		D108 1072
10.80			D101 1080*	D102 1080*	D103 1080**	
10.90			D101 1090*	D102 1090*	D103 1090**	
11.00		D100 1100*	D101 1100*	D102 1100*	D103 1100**	D108 1100
11.10			D101 1110*	D102 1110*	D103 1110**	
11.11	7/16	D100 1111*	D101 1111*	D102 1111*		D108 1111
11.20			D101 1120*	D102 1120*	D103 1120**	
11.30			D101 1130*	D102 1130*	D103 1130**	
11.40			D101 1140*	D102 1140*	D103 1140**	
11.50		D100 1150*	D101 1150*	D102 1150*	D103 1150**	D108 1150
11.51	29/64	D100 1151*	D101 1151*	D102 1151*		D108 1151
11.60			D101 1160*	D102 1160*	D103 1160**	
11.70			D101 1170*	D102 1170*	D103 1170**	
11.80			D101 1180*	D102 1180*	D103 1180**	
11.90			D101 1190*	D102 1190*	D103 1190**	
11.91	15/32	D100 1191*	D101 1191*	D102 1191*		D108 1191
12.00		D100 1200*	D101 1200*	D102 1200*	D103 1200**	D108 1200
12.10			D101 1210*	D102 1210*	D103 1210**	
12.20			D101 1220*	D102 1220*	D103 1220**	
12.30			D101 1230*	D102 1230*	D103 1230**	
12.30	31/64	D100 1231*	D101 1231*	D102 1231*		D108 1231
12.40			D101 1240*	D102 1240*	D103 1240**	
12.50		D100 1250*	D101 1250*	D102 1250*	D103 1250**	D108 1250
12.60			D101 1260*	D102 1260*	D103 1260**	
12.70			D101 1270*	D102 1270*		
12.70	1/2	D100 1269*	D101 1269*	D102 1269*		D108 1269
12.80			D101 1280*	D102 1280*	D103 1280**	
12.90			D101 1290*	D102 1290*	D103 1290**	
13.00		D100 1300*	D101 1300*	D102 1300*	D103 1300**	D108 1300

\* Bulk Pack sizes change 10 to 5 \*\* Bulk Pack 1 per pack • Other sizes available up to 20mm



# CUTTING TOOLS

## DRILL BITS



Morse Taper



Morse Taper Extra Length



Morse Taper Cobalt

### Drill Bits - Morse Taper

Twist drill with morse taper shank suitable for a variety of materials and industrial applications. The tang at the end of the shank is used for ejecting the drill from the socket or sleeve. The drive and alignment is derived from the taper lock

Size		MT#	High Speed Steel	Cobalt
mm	Inch			
Morse Taper Shank No. 1				
10.00		1	D115 1000	D117 1000
10.32	13/32	1	D115 1032	
10.50		1	D115 1050	D117 1050
10.72	27/64	1	D115 1072	
11.00		1	D115 1100	D117 1100
11.11	7/16	1	D115 1111	
11.50		1	D115 1150	D117 1150
11.51	29/64	1	D115 1151	
11.91	15/32	1	D115 1191	
12.00		1	D115 1200	D117 1200
12.30	31/64	1	D115 1231	
12.50		1	D115 1250	D117 1250
12.70	1/2	1	D115 1269	
13.00		1	D115 1300	D117 1300
13.10	33/64	1	D115 1310	
13.49	17/32	1	D115 1349	
13.50		1	D115 1350	D117 1350
13.89	35/64	1	D115 1389	
14.00		1	D115 1400	D117 1400
Morse Taper Shank No. 2				
14.29	9/16	2	D115 1429	
14.50		2	D115 1450	D117 1450
14.68	37/64	2	D115 1468	
15.00		2	D115 1500	D117 1500
15.08	19/32	2	D115 1508	
15.48	39/64	2	D115 1548	
15.50		2	D115 1550	D117 1550
15.86	5/8	2	D115 1588	
16.00		2	D115 1600	D117 1600
16.27	41/64	2	D115 1627	
16.50		2	D115 1650	D117 1650
16.67	21/32	2	D115 1667	
17.00		2	D115 1700	D117 1700
17.06	43/64	2	D115 1707	
17.46	11/16	2	D115 1746	
17.50		2	D115 1750	D117 1750
17.86	45/64	2	D115 1786	
18.00		2	D115 1800	D117 1800
18.26	23/32	2	D115 1826	
18.50		2	D115 1850	
18.65	47/64	2	D115 1865	
19.00		2	D115 1900	D117 1900
19.05	3/4	2	D115 1905	
19.45	49/64	2	D115 1945	
19.50		2	D115 1950	D117 1950
19.84	25/32	2	D115 1984	
20.00		2	D115 2000	D117 2000
20.24	51/64	2	D115 2024	
20.50		2	D115 2050	D117 2050
20.64	13/16	2	D115 2064	
21.00		2	D115 2100	D117 2100
21.03	53/64	2	D115 2103	
21.43	27/32	2	D115 2143	

Size		MT#	High Speed Steel	Cobalt
mm	Inch			
21.50		2	D115 2150	D117 2150
21.83	55/64	2	D115 2183	
22.00		2	D115 2200	D117 2200
22.22	7/8	2	D115 2223	
22.50		2	D115 2250	D117 2250
22.62	57/64	2	D115 2262	
23.00		2	D115 2300	D117 2300
23.02	29/32	2	D115 2302	
<b>Morse Taper Shank No. 3</b>				
23.41	59/64	3	D115 2342	
23.50		3	D115 2350	D117 2350
23.81	15/16	3	D115 2381	
24.00		3	D115 2400	D117 2400
24.21	61/64	3	D115 2421	
24.50		3	D115 2450	D117 2450
24.61	31/32	3	D115 2461	
25.00		3	D115 2500	D117 2500
25.00	63/64	3	D115 2501	
25.40	1	3	D115 2540	
25.50		3	D115 2550	D117 2550
26.00		3	D115 2600	D117 2600
26.50		3	D115 2650	D117 2650
26.99	1-1/16	3	D115 2699	
27.00		3	D115 2700	D117 2700
27.50		3	D115 2750	D117 2750
28.00		3	D115 2800	D117 2800
28.50		3	D115 2850	D117 2850
28.57	1-1/8	3	D115 2858	
29.00		3	D115 2900	D117 2900
29.50		3	D115 2950	D117 2950
30.00		3	D115 3000	D117 3000
30.16	1-3/16	3	D115 3016	
30.50		3	D115 3050	D117 3050
31.00		3	D115 3100	D117 3100
31.50		3	D115 3150	
31.75	1-1/4	3	D115 3175	
<b>Morse Taper Shank No. 4</b>				
32.00		4	D115 3200	
32.50		4	D115 3250	
33.00		4	D115 3300	
33.40	1-5/16	4	D115 3334	
33.50		4	D115 3350	
34.00		4	D115 3400	
34.50		4	D115 3450	
34.92	1-3/8	4	D115 3493	
35.00		4	D115 3500	
35.50		4	D115 3550	
36.00		4	D115 3600	
36.50		4	D115 3650	
36.51	1-7/16	4	D115 3651	
37.00		4	D115 3700	
37.50		4	D115 3750	
38.00		4	D115 3800	
38.10	1-1/2	4	D115 3810	

Size		MT#	High Speed Steel
mm	Inch		
Morse Taper Shank No. 4			
38.50		4	D115 3850
39.00		4	D115 3900
39.50		4	D115 3950
39.89	1-9/16	4	D115 3969
40.00		4	D115 4000
41.00		4	D115 4100
42.00		4	D115 4200
43.00		4	D115 4300
44.00		4	D115 4400
44.45	1-3/4	4	D115 4445
45.00		4	D115 4500
46.00		4	D115 4600
46.04	1-13/16	4	D115 4604
47.00		4	D115 4700
47.62	1-7/8	4	D115 4763
48.00		4	D115 4800
49.00		4	D115 4900
49.21	1-15/16	4	D115 4921
50.00		4	D115 5000
50.80	2	4	D115 5080
Morse Taper Shank No. 5			
53.97	2-1/8	5	D115 5398
57.15	2-1/4	5	D115 5715
60.32	2-3/8	5	D115 6033
63.50	2-1/2	5	D115 6350
66.67	2-5/8	5	D115 6668
69.85	2-3/4	5	D115 6985
76.20	3	5	D115 7620

Size		MT#	Extra Length 8 Inch Flute	Extra Length 12 Inch Flute
mm	Inch			
Morse Taper Shank No. 1				
11.11	7/16	1	D116 1111	D189 1111
12.70	1/2	1	D116 1269	D189 1269
Morse Taper Shank No. 2				
14.29	9/16	2	D116 1429	D189 1429
15.86	5/8	2	D116 1588	D189 1588
17.46	11/16	2	D116 1746	D189 1746
19.05	3/4	2	D116 1905	D189 1905
22.22	7/8	2		D189 2223
Morse Taper Shank No. 3				
25.40	1	3		D189 2540
31.75	1-1/4	3		D189 3175
Morse Taper Shank No. 4				
38.10	1-1/2	4		D189 3810
44.45	1-3/4	4		D189 4445
50.80	2	4		D189 5080

\*Other sizes available on request



## DRILLS



Reduced Shank Bright



Reduced Shank Set RS3



Reduced Shank Set RS4



Reduced Shank Set RS4M



Reduced Shank Set S8R



Reduced Shank Set SM8R



Reduced Shank Set RS16

### Drill Bits - Reduced Shank

Reduced shank drills are designed to increase the drilling capacity of drill chucks. Reduced shank drills are notched to reduce the amount of thrust required to penetrate the work materials. These drills must be used with extreme care and run at recommended speeds.

Size		12.5mm-1/2" Shank Blue
Inch	mm	
33/64	13.10	D188 1310
17/32	13.49	D188 1349
	13.5	D188 1350
35/64	13.89	D188 1389
	14.0	D188 1400
9/16	14.29	D188 1429
	14.5	D188 1450
37/64	14.68	D188 1468
	15.0	D188 1500
19/32	15.08	D188 1508
39/64	15.48	D188 1548
	15.5	D188 1550
5/8	15.87	D188 1588
	16.0	D188 1600
41/64	16.27	D188 1627
	16.5	D188 1650
21/32	16.67	D188 1667
	17.0	D188 1700
43/64	17.06	D188 1707
11/16	17.46	D188 1746
45/64	17.86	D188 1786

Size		12.5mm-1/2" Shank Blue
Inch	mm	
	17.5	D188 1750
23/32	18.26	D188 1826
47/64	18.65	D188 1865
	18.0	D188 1800
	18.5	D188 1850
	19.0	D188 1900
3/4	19.05	D188 1905
49/64	19.45	D188 1945
	19.5	D188 1950
25/32	19.84	D188 1984
	20.0	D188 2000
51/64	20.24	D188 2024
	20.5	D188 2050
13/16	20.64	D188 2064
	21.0	D188 2100
53/64	21.03	D188 2103
27/32	21.43	D188 2143
	21.5	D188 2150
55/64	21.83	D188 2183
	22.0	D188 2200
7/8	22.22	D188 2223

Size		12.5mm-1/2" Shank Blue
Inch	mm	
	22.5	D188 2250
57/64	22.62	D188 2262
	23.0	D188 2300
29/32	23.02	D188 2302
59/64	23.41	D188 2342
	23.5	D188 2350
15/16	23.81	D188 2381
	24.0	D188 2400
61/64	24.21	D188 2421
	24.5	D188 2450
31/32	24.61	D188 2461
	25.0	D188 2500
63/64	25.00	D188 2501
1	25.40	D188 2540
	26.0	D188 2600
1-1/16	26.99	D188 2699
	28.0	D188 2800
1-1/8	28.57	D188 2858
	30.0	D188 3000
1-3/16	30.16	D188 3016
1-1/4	31.75	D188 3175

### Morse Taper Sleeve

Drill Sleeves accurately ground from alloy steel, hardened throughout.



Morse Taper Sleeve

Mt #	Mt #	Morse Taper Sleeve
Internal	External	
1	2	D118 0012
1	3	D118 0013
2	3	D118 0023
(1)*	4	D118 0014
2	4	D118 0024
3	4	D118 0034
(1)*	5	D118 0015
(2)*	5	D118 0025
3	5	D118 0035
4	5	D118 0045
3	6	D118 0036
4	6	D118 0046
5	6	D118 0056

\* The use of sizes where inside taper is shown in brackets should be avoided wherever possible

### Drills Reduced Shank Sets

Set	Contents	Case	Pieces	Part Number
RS-3	1/2, 9/16, 5/8, 3/4 with 3/8" shanks	Foam	4	D120 RS3
RS-4	5/8, 3/4, 7/8, 1 with 1/2" shanks	Foam	4	D188 RS4
RS-4M	16.0, 18.0, 22.0, 25.0mm with 12.5mm shanks	Foam	4	D188 RS4M
S8R	9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1 with 1/2" shanks	Plastic	8	D188 S8R
SM8R	14.0, 15.0, 16.0, 16.5, 18.0, 20.0, 22.0, 25.0 with 12.5mm shanks	Plastic	8	D188 SM8R
RS16	17/32, 9/16, 19/32, 5/8, 21/32, 11/16, 23/32, 3/4, 25/32, 13/16, 27/32, 7/8, 29/32, 15/16, 31/32, 1 with 1/2" shanks	Plastic	16	D188 RS16



# CUTTING TOOLS

## DRILLS



### Drills - Panel & Rivet

Panel drills have been developed to drill holes for rivets in flat and curved panels and used in sheet metal fabrication. These drills are only recommended for shallow holes no deeper than 1.25 x diameter. When using Tupoint drills always ensure that the chuck jaws are fully tightened.



Size Inch	135° Self Centering Twin pack Bright	135° Self Centering Bulk Bright	135° Self Centering Bulk Blue	135° Self Centering Single pack TiNite	135° Self Centering Bulk Cobalt
<b>Shortie – Single Ended</b>					
1/8	D131 0318	D121 0318	D124 0318	D127 0318	
30	D131 0326	D121 0326	D124 0326	D127 0326	
20	D131 0409	D121 0409	D124 0409	D127 0409	
11	D131 0485	D121 0485	D124 0485	D127 0485	
<b>Shortie – Rivet Drill (in hang pack of 10 drills)</b>					
1/8		D132 0318			
30		D132 0326			
20		D132 0409			
11		D132 0485			
<b>Tupoint – Double Ended</b>					
1/8	D133 0318	D122 0318	D125 0318	D128 0318	D130 0318
30	D133 0326	D122 0326	D125 0326	D128 0326	D130 0326
20	D133 0409	D122 0409	D125 0409	D128 0409	D130 0409
11	D133 0485	D122 0485	D125 0485	D128 0485	D130 0485
<b>Tupoint – Rivet Drill (in hang pack of 10 drills)</b>					
1/8		D134 0318			
30		D134 0326			
20		D134 0409			
11		D134 0485			
<b>Stub – 118° point</b>					
1/8		D123 0318	D100 0318		
30		D123 0326	D126 0326		
20		D123 0409	D126 0409		
11		D123 0485	D126 0485		



### Drills - Panel Drill #30 Tupoint 2 & 10 Pack

- Made from M2 high speed steel
- #30 size to suit 1/8" rivets
- 135° modified point design
- Fully tested and approved by Sutton Tools R&D Department

Part Number: 92365 pack of 2  
Part Number: 92366 pack of 10



Cobalt Spot Weld



### Drills - Cobalt Spot Weld Drill

Removal of spot welds.

Size mm	OA Length	Description	Part Number
6.5	45.0	Spot Weld	1420003
8.0	77.0	Spot Weld	1420002
8.0	45.0	Spot Weld	1420001
8.0	38.0	Spot Weld	1420005



## DRILLS



Centre Drill A Type Bright



Centre Drill Carbide Plain TiAlN



Centre Drill Plain Type Bright



Spotting TiN 120°



Centre Drill Bell Type Bright



Centre Drill Carbide Plain Bright

Spotting TiN 90°

### Drills - Centre & Spotting

**Centre Drills** - Used to drill female 60° centre holes in the end of shafts and components, which will later revolve between centres. Also used to ensure accurate starting and centering when precision drilling is required.

**Spotting Drills** - Rigid twist drill, provides accurate location where 90° point angle offers chamfering and 120° point angle matches a typical drill point.

Centre Drills	
Size mm	HSS A Type Brt
<b>DIN 333 Type A</b>	
0.80	D135 0080
1.00	D135 0100
1.25	D135 0125
1.60	D135 0160
2.00	D135 0200
2.50	D135 0250
3.15	D135 0315
4.00	D135 0400
5.00	D135 0500
6.30	D135 0630
8.00	D135 0800
10.00	D135 1000

Centre Drills			
Size	HSS Plain Type Brt	Carbide Plain Type Brt	Carbide Plain Type TiAlN
<b>ANSI B94-11 Plain Type</b>			
#1	D136 0001	D318 0001	D320 0001
#2	D136 0002	D318 0002	D320 0002
#3	D136 0003	D318 0003	D320 0003
#4	D136 0004	D318 0004	D320 0004
#5	D136 0005	D318 0005	D320 0005
#6	D136 0006	D318 0006	D320 0006
#7	D136 0007		

Spotting Drills		
Size mm	Co HSS TiN 90°	Co HSS TiN 120°
<b>DIN 1897</b>		
3.0	D175 0300	D176 0300
4.0	D175 0400	D176 0400
5.0	D175 0500	D176 0500
6.0	D175 0600	D176 0600
8.0	D175 0800	D176 0800
10.0	D175 1000	D176 1000
12.0	D175 1200	D176 1200
16.0	D175 1600	D176 1600
20.0	D175 2000	D176 2000
25.0	D175 2500	D176 2500

### Centre Drill Bit Set SCD1

- 5 Piece Set, Plain Type - #1, #2, #3, #4, #5
- Part Number: D136 SCD1



Set SDT5



### Spotting Drill Bit Set SDT5

- 5 Piece Set, 90° 6.0, 8.0, 10.0, 12.0, 16.0
- Part Number D175 SDT5



### Quickbits - Sets



150B0FHEX



150BS10ME



107BSTB30



150BS5MBP



150BSET6M



107B3SET3



150BS10MT1



107B3SET5



150PASET3



1714000



# CUTTING TOOLS

## DRILLS



Adaptor

### Quickbit - Adaptor

- Use in conjunction with all P&N Quickbits
- Features quick-release sleeve for easy change between P&N Quickbits and screwdriver bits

Size mm	Shank Size	Part Number
	1/4	<b>107BADAPT</b>



### Quickbit - TCT Counterbore

- Tungsten carbide tipped counterbore with high speed steel drill for use in timber, plastic & abrasive materials
- Hex shank allows operator to switch from Quickbit Counterbore to a screwdriver bit quickly when used in conjunction with a P&N Quickbit Adaptor.

mm	Inch	Counterbore Size	Screw Size	Part Number
<b>TCT Counterbore</b>				
1.98	5/64	3/8	4g	<b>107B40781</b>
2.38	3/32	3/8	6g	<b>107B40937</b>
2.78	7/64	3/8	6g - 8g	<b>107B41094</b>
3.18	1/8	3/8	8g - 10g	<b>107B41250</b>
3.57	9/64	3/8	10g - 12g	<b>107B41406</b>
3.97	5/32	3/8	-	<b>107B41563</b>
4.37	11/64	3/8	-	<b>107B41719</b>
4.76	3/16	1/2	-	<b>107B41875</b>



Step Drill

### Quickbit - Step Drills

- Ideal for sheet metal without pre drilling.
- For use in sheet metal, aluminium, plastic & fibreglass.
- During drilling, the next step deburrs the previously drilled hole.

Size mm & Inch	Contents	Part Number
<b>Step Drills - Titanium Nitride Coated</b>		
4-12mm	8 Steps: 4, 5, 6, 7, 8, 10, 11, 12mm	<b>149040120</b>
4-25mm	11 Steps: 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 25mm	<b>149040250</b>
5/32-1/2"	12 Steps: 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 13/32, 7/16, 15/32, 1/2"	<b>149010032</b>
5/32-1"	10 Steps: 5/32, 1/4, 5/16, 3/8, 1/2, 9/16, 21/32, 3/4, 7/8, 1"	<b>149010064</b>



Adaptor

### Quickbit - Power Adaptor

- Wobble Extension gives additional access in confined areas with 15° angle rotation.
- Wobble Square drive: 1/4", 3/8" and 1/2"
- Heat treated and made with Chrome Vanadium steel.
- Spring loaded ball bearings hold sockets or extensions securely.

Size mm	Contents	Part Number
<b>Power Adaptor</b>		
3 Piece Set	1/4, 3/8, 1/2	<b>150PASET3</b>



Plug Cutter

### Quickbits - Plug Cutter

- For cutting plugs in timber.
- Hex shank allows operator to switch from Quickbit Plug Cutter to a screwdriver bit quickly when used in conjunction with a P&N Quickbit Adaptor.

mm	Inch	Shank Size	Part Number
<b>Plug Cutter</b>			
6.35	1/4	1/4	<b>107B20250</b>
9.52	3/8	1/4	<b>107B20375</b>
12.7	1/2	1/4	<b>107B20500</b>
15.86	5/8	1/4	<b>107B20625</b>
19.05	3/4	1/4	<b>107B20750</b>
25.4	1	1/4	<b>107B21000</b>



Countersink

### Quickbit - Countersinks

- Made from carbon alloy steel.
- For drilling aluminium, wood and plastic.

mm	Inch	Shank Size	Screw Head	Part Number
<b>Rosehead Countersinks</b>				
12.7	1/2	1/4	M6	<b>105HCS013</b>
15.86	5/8	1/4	M8	<b>105HCS016</b>
19.05	3/4	1/4	M10	<b>105HCS019</b>



## DRILLS



Fixed Shank Drill

### Quickbits - Fixed Shank Drills

**Quickbit HSS Drill Sets** - for metal, wood and plastic

**Quickbit HSS Panel Drill Sets** - for rivet drilling

**Quickbit Brad Point Drill Sets** - for wood working applications

Size mm	Pieces	Part Number
<b>Fixed Hex Shank Drills</b>		
1.95		107B00768
2.50		107B00984
3.00		107B01181
3.60		107B01417
4.00		107B01575
4.60		107B01811
5.00		107B01969
5.50		107B02165

#### Fixed Hex Shank Drill Sets

Quickbit Drill / Countersink / Screwdriver Set 19 150B0FHDX

Drills: 1.95, 2.5, 3.0, 3.6, 4.0, 4.6, 5.0mm  
+ Adaptor, HSS Countersink, 9 x 50mm screwdriver bits

#### HSS Drill Sets

Bright	2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0 & 6.5mm	10	150BS10ME
TiAIN	2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0 & 6.5mm	10	150BS10MTI
Bright	3/32, 7/64, 1/8, 9/64, 5/32, 11/64, 3/16, 13/64, 7/32 & 1/4"	10	150BS10IM
TiAIN	3/32, 7/64, 1/8, 9/64, 5/32, 11/64, 3/16, 13/64, 7/32 & 1/4"	10	150BS10ITI

#### Panel Drill Sets

#30 x 67mm	5	107BSTB30
1/8 x 67mm	5	107BSTB18

#### Brad Point Drill Sets

4.0, 5.0, 6.0, 8.0 & 10.0mm	5	150BS5MBP
2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0 & 6.5mm	10	150BS10MBP



Adaptor

### Quickbit Drill Adaptor

- Converts existing straight shank drills into hex shank to suit hex drivers.
- Hex shank allows operator to switch from Quickbit drill to a screwdriver bit quickly when used in conjunction with a P&N Quickbit Adaptor.

Size Inch	Drill Size	Part Number
<b>Drill Adaptor</b>		
1/32	Suits 1.0mm drill	107B10313
1/16	Suits 1.4 - 1.6mm drill	107B10625
5/64	Suits 1.7 - 2.0mm drill	107B10781
3/32	Suits 2.1 - 2.4mm drill	107B10937
7/64	Suits 2.5 - 2.8mm drill	107B11094
1/8	Suits 2.9 - 3.2mm drill	107B11250
9/64	Suits 3.3 - 3.6mm drill	107B11406
5/32	Suits 3.7 - 4.0mm drill	107B11563
11/64	Suits 4.1 - 4.4mm drill	107B11719
3/16	Suits 4.5 - 4.8mm drill	107B11875
13/64	Suits 4.9 - 5.2mm drill	107B12031
7/32	Suits 5.3 - 5.6mm drill	107B12187
15/64	Suits 5.7 - 6.0mm drill	107B12344
1/4	Suits 6.1 - 6.4mm drill	107B12500
9/32	Suits 7.0mm drill	107B12813
5/16	Suits 8.0mm drill	107B13125
3/8	Suits 9.25mm drill	107B13750



Changeable Drill

### Quickbits - Changeable Drills

- For drilling metal, timber and plastic.

Size mm/inch	Description	Screw Size	Part Number
<b>Changeable Drills</b>			
2.0		4g	107B50020
3.0		6g	107B50030
4.0		10g	107B50040
5.0		12g	107B50050
6.0		-	107B50060
5/64 1.98		4g	107B50781
1/8 3.18		8g & 10g	107B51250
5/32 3.97		-	107B51563
3/16 4.76		-	107B51875
1/4 6.35		-	107B52500
<b>Changeable Drill Sets</b>			
Metric 6 pce	2.0, 3.0, 4.0, 5.0 & 6.0 + Quickbit Adaptor		150BSET6M
Imperial 6pce	5/64, 1/8, 5/32, 3/16 & 1/4 + Quickbit Adaptor		150BSET6I



Countersink

### Quickbits - Countersinks

- Hex shank allows operator to switch from Quickbit Screw pilot drill/countersink to a screwdriver bit quickly

Size mm	Inch	Shank Size	Screw Size	Part Number
<b>Drill Countersinks</b>				
1.98	5/64	1/4	4g	107B30781
2.38	3/32	1/4	6g	107B30937
2.78	7/64	1/4	6g & 8g	107B31094
3.18	1/8	1/4	8g & 10g	107B31250
3.57	9/64	1/4	10g & 12g	107B31406
<b>Drill Countersink Sets</b>				
3 Piece	7/64, 1/8, 9/64 + Quickbit Adaptor			107B3SET3
4 Piece	3/32, 7/64, 1/8, 9/64 + Allen Key			105SDC000
5 Piece	5/64, 3/32, 7/64, 1/8, 9/64 + Allen Key			107B3SET5



Self Centring Drill



### Quickbits - Self Centering Drill

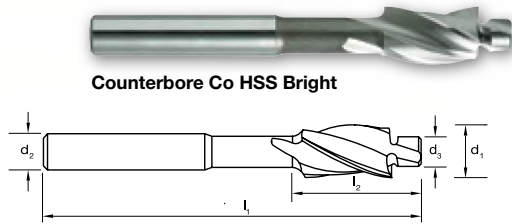
- Ideal for drilling exact pilot holes in cabinet door hinges and door butts.
- The nosepiece bevel centres itself in the hardware's countersink, applying pressure to the bit causes the nosepiece to retract, allowing the bit to drill a perfectly centred pilot hole.

Size mm	Inch	Shank Size	Screw Gauge	Part Number
<b>Self Centring Drill</b>				
1.98	5/64	1/4	3g - 4g	1710781
2.38	3/32	1/4	5g - 6g	1710937
2.78	7/64	1/4	5g - 6g	1711094
3.18	1/8	1/4	8g - 10g	1711250
3.57	9/64	1/4	8g - 10g	1711406
4.37	11/64	1/4	12g	1711719
4.76	13/64	1/4	14g	1712031
<b>Sets</b>				
4 Piece	5/64, 7/64, 9/64, Adaptor			1714000



# CUTTING TOOLS

## DRILLS

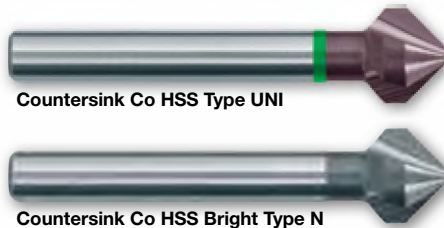


Counterbore Co HSS Bright

### Counterbore

- Solid pilot style - 3 flute design - Right-hand cutting
- Nominal size to suit metric socket head cap screws
- Cobalt High Speed Steel enables counterboring in high alloy steels

Size mm	d <sub>3</sub>	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Co HSS Brt
<b>DIN 373</b>						
3.0	3.2	6.0	71.0	14.0	5.0	C100 0300
3.5	3.7	6.5	71.0	14.0	5.0	C100 0350
4.0	4.3	8.0	71.0	14.0	5.0	C100 0400
5.0	5.3	10.0	80.0	18.0	8.0	C100 0500
6.0	6.4	11.0	80.0	18.0	8.0	C100 0600
8.0	8.4	15.0	100.0	22.0	12.5	C100 0800
10.0	10.5	18.0	100.0	22.0	12.5	C100 1000
12.0	13.0	20.0	100.0	22.0	12.5	C100 1200



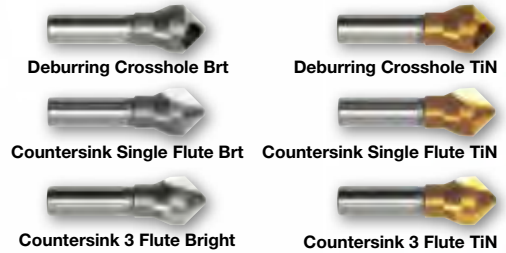
Countersink Co HSS Type UNI

Countersink Co HSS Bright Type N

### Drills - Countersink 3 Flute - 90°

- De-burring - Countersinking / Counterboring screw holes
- For Countersunk screws acc. to DIN 963, 964, 965, 966, 7513, 7516
- For Countersunk screws acc. to ISO 2009, 2010, 7046-1, 7046-2, 7047
- Chamfering of tapping holes - For use in machine applications. Type N
- For non-ferrous, Type UNI - For difficult to machine materials

Size mm		l <sub>1</sub>	d <sub>2</sub>	Co HSS Brt	Co HSS TiAlN
<b>DIN 335</b>					
4.3	M2	40	4	C107 0430	C108 0430
5.3	M2.5	40	4	C107 0530	C108 0530
6.3	M3	45	5	C107 0630	C108 0630
7.3	M3.5	50	6	C107 0730	C108 0730
8		50	6	C107 0800	C108 0800
8.4	M4	50	6	C107 0840	C108 0840
9.4	M5	50	6	C107 0940	C108 0940
10		50	6	C107 1000	C108 1000
10.4		50	6	C107 1040	C108 1040
11.5	M6	56	8	C107 1150	C108 1150
12.4		56	8	C107 1240	C108 1240
13.4		56	8	C107 1340	C108 1340
15		60	10	C107 1500	C108 1500
16.5	M8	60	10	C107 1650	C108 1650
19	M10	63	10	C107 1900	C108 1900
20.5		63	10	C107 2050	C108 2050
23		67	10	C107 2300	C108 2300
25		67	10	C107 2500	C108 2500
30		71	12	C107 3000	C108 3000
31		71	12	C107 3100	C108 3100
<b>SETS</b>					
4 Piece		Contents: 6.3, 10.4, 16.5, 20.5		Pieces 4	C107 0004 C108 0004



Deburring Crosshole Brt

Deburring Crosshole TiN

Countersink Single Flute Brt

Countersink Single Flute TiN

Countersink 3 Flute Bright

Countersink 3 Flute TiN

## Countersink & Deburring Tools

**Cross-hole** - Deburring tool - Smooth cutting action

**Single Flute** - Countersinking tool - For use in portable drills or drilling machines - For use on most materials including plastics, non-ferrous and ferrous metals

**Three Flute** - Countersinking tool - For machine use - For use on most materials including plastics, non-ferrous & ferrous metals

Size mm		HSS Brt	HSS TiN
<b>Cross Hole (Deburring)</b>			
3-6mm		C101 0901	C102 0901
4-10mm		C101 0902	C102 0902
5-13mm		C101 0903	C102 0903
8-20mm		C101 0904	C102 0904
14-28mm		C101 0905	C102 0905
13-37mm		C101 0906	C102 0906
<b>Single Flute (Countersinking)</b>			
1-10mm		C103 0901	C104 0901
2-14mm		C103 0902	C104 0902
2-20mm		C103 0903	C104 0903
3-28mm		C103 0904	C104 0904
<b>Three Flute (Countersinking)</b>			
4-10mm		C105 0901	C106 0901
4-14mm		C105 0902	C106 0902
5-20mm		C105 0903	C106 0903
6-28mm		C105 0904	C106 0904
6-37mm		C105 0905	C106 0905
<b>SETS</b>			
3-28mm	Contents:	Pieces	C101 SC1
Cross Hole (Deburring)	CH901, CH902, CH903, CH904, CH905	5	
3-28mm			C102 SC1T
Cross Hole (Deburring)	CH901, CH902, CH903, CH904, CH905	5	
4-28mm			C105 STF1
Three Flute (Countersinking)	TF901, TF902, TF903, TF904	4	
4-28mm			C106 STF1T
Three Flute (Countersinking)	TF901, TF902, TF903, TF904	4	



C107 0004



C108 0004



C101 SC1



C102 SC1T



C105 STF1



C106 STF1T



## DRILLS



Masonry

Multi Purpose



### Drills - Masonry Parallel Shank- SDS Multi-Fit

**Masonry** - Product packaging is colour code marked to indicate the correct plug size. Ideal for use in natural and artificial stone, masonry brickwork and concrete. Tungsten carbide tipped for increased life.

**Multi Purpose** - The heat treated body high grade carbide tip and high melt braze 1100°C give this drill the ability to drill very hard materials. These multi-purpose bits can be used in timber, concrete, bricks, stone, CSR™ Hebel®, Stainless Steel, Cast Iron, Steel and Glass.

**Twister Multifit** - Accelerates dust removal in a very fast cycle time 30% faster than conventional brands. The unique tip is designed to reduce wandering.

Sutton Tools Masonry Parallel Shank					
Plug Colour	Diameter		OA Length	Sutton Masonry	Sutton Multi Purpose Bit
	mm	inch			
Yellow	3	1/8	x 60	220705	370256006
	4	5/32	x 75	220712	370256008
White	5	3/16	x 85	220729	370256010
			x 150	220835	
Red	5.5	7/32	x 85		370256011
		7/32	x 95	220736	
			x 150	220842	
	6	-	x 100	220743	370256012
Green			x 150	220859	
	6.5	1/4	x 100	220750	370256013
			x 150	220866	
			x 300		370258013
			x 400	003740	
	7	9/32	x 100	220767	370256014
Blue			x 150	220873	
			x 300		370258014
	8	5/16	x 120	220774	370256016
			x 150	220880	
Orange			x 300		370258016
			x 400	005539	
	9	11/32	x 120	220781	370256018
	10	3/8	x 120	220798	370256020
Grey			x 150	220897	
			x 300		370258020
			x 400	003177	
	11		x 150	220903	
	12		x 120	220811	370257024
			x 150	220910	
			x 300		370258024
	13	1/2	x 120	220828	
			x 150	220927	370257026
			x 300		370258026
Black			x 400	003948	
	14	9/16	x 150	220934	370257028
	15		x 150		370257030
	16	5/8	x 150	220941	370257032
			x 400	004716	
	20	3/4	x 160	221337	
			x 400	008288	
	22	7/8	x 160	221344	
			x 400	010823	
	25	1	x 160	221351	
			x 400	009179	

Diager Twister SDS Multifit			
Diameter mm	OA Length	Flute Length	Diager Masonry Twister SDS Multi-Fit
5	110	50	152189
	160	90	152264
5.5	110	50	152196
	160	90	152271
6	110	50	152202
	160	90	152288
	210	150	152400
6.5	110	50	152219
	160	90	152295
	210	150	152417
7	110	50	152226
	160	90	152301
8	110	50	152233
	160	90	152318
	210	150	152431
10	110	50	152257
	160	90	152332
	210	150	152455
	260	200	152592
	410	350	152745
12	160	90	152356
	210	150	152479
	260	200	152615
	410	350	152769
13	160	90	152363
	210	150	152486
	260	200	152622
	410	350	152776
14	160	90	152370
	210	150	152493
	260	200	152639
16	160	90	152394
	210	150	152516
	260	200	152653
	410	350	152806
18	210	150	152523
20	210	150	152530
	260	200	152684
	410	350	152820
22	260	200	152691
	410	350	152837
24	260	200	152707
25	260	200	152714
	410	350	152851



### Masonry Drill Bit Set SMD2

- Standard fixing
- 6 Piece Set, 4, 5, 5.5, 6.5, 8 & 10mm

Part Number: 080055





# CUTTING TOOLS

## DRILLS



**Runner+**

**@twister plus**

**booster PLUS**



Runner Plus SDS Plus



Twister SDS Plus



Booster SDS Plus

### Drills - Masonry SDS Plus

**Runner + SDS Plus** - 2 cutting edges and a self centring tip for clean accurate holes in concrete and stone. The spiral flute permits quick removal of aggregates

**Twister SDS Plus** - The flute style results in a very fast cycle time 30% faster than conventional brands. The unique tip is designed to reduce wandering.

**Booster SDS Plus** - The unique carbide point design with 3 cutting edges allows the booster to drill through **reinforced concrete mesh**. The drill will not snag which causes tip damage on conventional style masonry bits.

Diameter mm	OA Length	Sutton Runner + SDS	Diager Masonry Twister SDS +	Diager Masonry Booster SDS+
5	110	370115010	008366	
	160	370115110	008410	
5.5	110		023253	
	160		023277	
6	110	370115012	008373	029385
	160	370115112	008427	029408
	210	370115212	008533	029446
	260		008663	
	310		023291	084186
6.5	110	370115013	023260	051577
	160	370115113	020849	051584
	210	370115213	020856	093607
	260		076389*	
	310			059443
7	160		008434*	
8	110	370115016	008397*	029392
	160	370115116	008441*	029415
	210	370115216	008540*	029453
	260		008670*	
	310		023307*	029484
	460		023413*	093034
9	160		008458	
10	110		008403	055728
	160	370115120	008465*	029422
	210	370115220	008564	029460
	260		008687	
	310		023314	029491
	460		023420	054295
11	160		008472	
12	160	370115124	008489	029439
	210	370115224	008571	029477
	260		008694	
	310		023321	029507
	460		023437	054301

Diameter mm	OA Length	Sutton Runner + SDS	Diager Masonry Twister SDS +	Diager Masonry Booster SDS+
13	160	370115126	008496	093591
	210		008588	093638
	260		008700	
14	160	370115128	008502	077911
	210	370115228	008595	077935
	260		008717	
	310		023338	077959
	460		023451	054318
15	160		008519	
16	160		008526	
	210	370115232	008618	084155
	260		008731	
	310		023352	054264
	460		023475	054325
18	210		008625	084162
	260		008748	
	310		023369	054271
	460		023482	054332
20	210		008632	084179
	260		008755	
	310		023376	054288
	460		023505	054349
22	210		008649	
	260		008762	
	310		023383	
24	210		014817	
	260		014824	
	310		023390	
25	210		008656	
	260		008779	
	310		023406	

\*Other sizes and lengths up to 25mm in diameter and 1000mm in length



**@twister plus**



054202

064904

### Twister Plus Hammer Drill Set

The Twister style of SDS drills has a unique flute style that accelerates dust removal. This results in a very fast cycle time 30% faster than conventional brands.

- **5 Piece Set**, 6 & 8mm 110mm Flute Length  
6, 8 & 10mm 160mm Flute Length

**Part Number: 054202**

- **7 Piece Set**, 5, 6 & 8mm 110mm Flute Length  
6, 8, 10 & 12mm 160mm Flute Length

**Part Number: 064904**



**booster PLUS**



060876



075658

### Booster Plus Hammer Drill Set

The unique carbide point design with 3 cutting edges allows the booster to drill through reinforced concrete mesh. The drill will not snag which causes tip damage on conventional style masonry bits.

- **5 Piece Set**, 6 & 8mm 110mm Flute Length  
6, 8 & 10mm 160mm Flute Length

**Part Number: 075658**

- **7 Piece Set**, 5, 6 & 8mm 110mm Flute Length  
6, 8, 10 & 12mm 160mm Flute Length

**Part Number: 060876**



## DRILLS



### Drills - Masonry SDS Max

**B3 Max** range suits all SDS Max Rotary Hammer Drills. Suited to the drilling of reinforced concrete mesh. B3Max has Booster Plus tip geometry with SDS Max shank.

**Ultimax** drills with SDS max shank has a wide spiral flute for easy drilling, penetration and dust removal.

The 3 carbide tips and 6 cutting edges gives this product the ability to cut through reinforced concrete mesh, granite, marble, CSR™ Hebel®, brick, stone and hard stone.

Diameter mm	OA Length	Flute Length	Masonry B3Max SDS Max	Masonry Ultimax SDS Max
12	340	200	111806	
	540	400	111813	
14	340	200	111820	
	540	400	111837	
16	340	200	119383	004849
	540	400	119413	004955
18	340	200	119390	004856
	540	400	119420	005136
20	340	200	119406	004870
	540	400	119437	005150
22	340	200		004887
	540	400		005167
24	340	200		004894
	540	400		005174
25	340	200		004900
	540	400		005181
26	340	200		004917
	540	400		005198
	690	550		005396
28	340	200		068261
	540	400		005204
	690	550		005402
30	340	200		028760
	540	400		005228
32	340	200		068278
	540	400		005235
36	340	200		063440
	540	400		005259
38	340	200		063457
	690	550		028685
40	340	200		063464
	540	400		023109
42	340	200		063402
	540	400		023116
45	340	200		063471
	540	400		063419

Full range length of Ultimax SDS Max available up to 1.5m



### Drills - Drill Set 7 Piece Masonry

- 7 piece Masonry Drill Set
- Clear lid
- Sizes: 4, 5, 6, 6.5, 8, 10 & 12mm

Part Number: 92356



Diamond Tile Core



Blue Ceram

### Drills - Blue Ceram Tile Drill

Blue Ceram's secret lies in its revolutionary design and diamond segment technology, which enables the bit to be dressed. The core extraction chamber of Blue Ceram allows for waste evacuation.

The Blue Ceram diamond-segment tip out performs standard tile drill bits giving you fast, accurate holes in dense, hard surfaces such as monocottura and glazed tiles, marble, china, sandstone, terracotta and ceramics.

Size mm	inch	P&N Diamond Tile Core	Sutton Blue Ceram
Drill Bit Range			
6	1/4	148010006	370400060
7	9/32		370400070
8	5/16	148010008	370400080
10	3/8	148010010	370400100
12	15/32	148010012	370400120
15	19/32	148010015	370400150
20	3/4	148010020	370400200
25	1	148010025	370400250
Dressing Stone			370400900



Glass and Tile

### Drills - Glass and Tile

Sometimes called Spear Point Drills. Precision ground carbide tipped for exact drilling. High tempered brazed carbide tip. This design is intended to produce clean holes in ceramic tiles, porcelain and glass.

Size mm	Description	Part Number	
		Sutton Carbide Tipped	P&N Tungsten Carbide Tipped
3.0	Glass and Tile	169668	148H01250
4.0	Glass and Tile	169675	148H01562
5.0	Glass and Tile	169743	148H01875
6.0	Glass and Tile	169699	148H02500
6.5	Glass and Tile	411187	148H02559
8.0	Glass and Tile	169712	7301148
10.0	Glass and Tile	169729	7301157
12.0	Glass and Tile	169736	7301175

These bits are not recommended for drilling into toughened glass.



### Drills - Drill Set 7 Piece SDS Masonry

- 7 piece SDS Drill Set
- Clear lid
- Sizes: 5, 6, 8 x 110mm 6, 8, 10, 12 x 160mm

Part Number: 92355





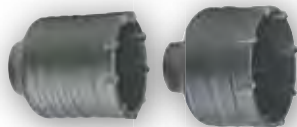
# CUTTING TOOLS

## DRILLS



**DIAGER®**

Drift Key



Crown Carbide  
Core Bit

Masonry Carbide  
Core Bit

### Core Bits - Masonry

Diager core bits come with tungsten carbide tipped teeth to suit both SDS Plus and SDS Max power tools.

Core bits are used for larger holes in masonry type products. The core tends to crumble under the hammer operation. They are used predominantly in plumbing and electrical applications such as drainage and water pipes, heating pipes, switches, junction and distribution boxes.

Diameter mm	Working Length	Teeth	Shank	Part Number
<b>Masonry Hammer Carbide Core Bits (Light Duty)</b>				
25	60	5	SDS Plus	015937
30	60	5	SDS Plus	015944
35	60	5	SDS Plus	015951
40	60	6	SDS Plus	015968
45	60	6	SDS Plus	015975
50	60	7	SDS Plus	015982
60	60	8	SDS Plus	015999
66	60	8	SDS Plus	016002
68	60	8	SDS Plus	024250
70	60	8	SDS Plus	016019
80	60	9	SDS Plus	016026
90	60	10	SDS Plus	016033
*Core bits & adaptors sold separately				
<b>Adaptors For Masonry Carbide Core Bits (Including Pilot Drill)</b>				
	90		SDS Plus	063730
	150		SDS Plus	016057
	200		SDS Plus	016064
	300		SDS Plus	016071
	135		Hexagonal	063747
<b>Taper Crown Hammer Carbide Core Bits (Heavy Duty)</b>				
30	90	5	SDS Max	016088
35	90	5	SDS Max	016095
40	90	6	SDS Max	012745
45	90	6	SDS Max	016101
50	90	7	SDS Max	016118
60	90	8	SDS Max	012752
66	90	8	SDS Max	012769
70	90	8	SDS Max	016125
80	90	9	SDS Max	016132
90	90	10	SDS Max	016149
100	90	11	SDS Max	012776
110	90	11	SDS Max	016156
125	90	12	SDS Max	016163
*Core bits & adaptors sold separately				
<b>Adaptors For Crown Core Bit (Excluding Pilot Drill)</b>				
	220		SDS Max	016194
	420		SDS Max	012790
	700		SDS Max	016200
	900		SDS Max	063969
<b>Crown Pilot Drill</b>	Taper centring drill bit		11x120	012806
<b>Drift Key</b>				012813



Carbide Core Bit Adaptor



Crown Core Bit Adaptor



Crown Pilot Drill





## DRILLS



Auger

### Drills - Auger Bits

For fast cutting through holes in timber such as fence posts and railway sleepers. The screw point draws the auger bit into the material. The smooth flute offers chip removal without jamming, even in wet timber. The hexagonal shank offers maximum grip in the drill chuck. Suitable in Kiln Dried hardwood, softwood, MDF and particle board, ancillary building trade, deep dowel holes and pre-drill rafter nails. Not suitable for green sap woods.

Size mm	OA Length	Flute Length	Round Shank Diameter	Hex Shank mm	Hex Shank inch	Part Number
<b>Auger Bits - Short Series - General Use. Hard &amp; Softwood</b>						
6	160	100	5.7	5.0	7/32	371504
8	170	100	7.0	6.35	1/4	371511
10	190	120	7.0	6.35	1/4	371528
12	190	120	7.0	6.35	1/4	371535
13	190	120	7.0	6.35	1/4	371542
14	200	130	7.0	6.35	1/4	371559
16	200	130	7.0	6.35	1/4	371566
18	200	130	7.0	6.35	1/4	371573
20	210	140	10.0	8.6	21/64	371580
22	210	140	10.0	8.6	21/64	371597
25	210	140	10.0	8.6	21/64	371603
<b>Auger Bits - Medium Series - General Use. Hard &amp; Softwood</b>						
8	225	165	7.0	6.35	1/4	371610
10	250	190	7.0	6.35	1/4	371627
12	270	195	10.0	9.0	11/32	371634
14	290	210	10.0	9.0	11/32	371641
16	290	210	10.0	9.0	11/32	371658
18	330	240	10.0	9.0	11/32	371665
20	330	240	10.0	9.0	11/32	371672
22	330	240	10.0	9.0	11/32	371689
25	330	240	10.0	9.0	11/32	371696
30	330	240	13.0	11.0	27/64	371702
32	330	240	13.0	11.0	27/64	371719
35	330	240	13.0	11.0	27/64	371726
<b>Auger Bits - Long Series - General Use. Hard &amp; Softwood</b>						
10	500	400	10.0	8.6	21/64	371733
12	500	400	10.0	8.6	21/64	371740
13	500	400	12.5	11.1	7/16	371757
14	500	400	13.0	11.1	7/16	371764
16	500	400	13.0	11.1	7/16	371771
18	500	400	13.0	11.1	7/16	371788
20	500	400	13.0	11.1	7/16	371795
22	500	400	13.0	11.1	7/16	371801
25	500	400	13.0	11.1	7/16	371818
30	500	400	13.0	11.1	7/16	371825
32	500	400	13.0	11.1	7/16	371832
35	500	400	13.0	11.1	7/16	371849
38	500	400	13.0	11.1	7/16	371856



Extension Shank 150mm

Spadebit 25mm

Extension Shank 300mm

### Drills - Spade Bits

The Spade Bit is a flat drill with angle spurs, which cuts much in the same way as a "W Point Drill". One of the main advantages of these drills is that an extension shank can be added to the drill to increase its drilling length. Tungsten Carbon Alloy (TCA) for drilling in timber and light building materials such as plaster board. Used in various work such as cable installations, window installations and laying pipes. Easy to guide due to its centre point extended ground cutting edges.

The hexagonal shank gives a positive grip on the chuck jaws, preventing slippage.

Size mm	Part Number
6	022048
8	015545
10	012452
12	071350
14	071367
16	013794
18	071374
19	013145
20	071381
22	009155
24	071398
25	007908
28	013800
30	071404
32	014715
35	022055
38	022062
<b>Extension Shanks</b>	
Suitable for use with Spade Bits 19mm and Larger	
150mm Long	075471
300mm Long	013817
<b>Set</b>	
SS3	Sizes 19, 22, 25mm
SS6	Sizes 16, 19, 22, 25, 32mm
	150mm Extension Shank
	434094

## DRILLS



Wood Bit

### Drills - Wood Bits

The W point is designed to give an accurate size hole with a clean cut entry across timber grain. "W" point allows the outside cutting edges of the drill to cut the diameter of the hole before the centre breaks through. This results in the drill not grabbing thereby producing a clean hole.

Size mm	OA Length	Part Number
4.0	75	098340
5.0	86	098357
6.0	93	098364
8.0	117	098371
9.5	125	098388
10.0	133	098395
12.0	151	098401



## High Performance Drills...



### Drills DXS/DXJ (TiAlN)



- Standard Length stub and jobber drill.
- Special point geometry with curved cutting lips.
- Produces short chips when drilling soft, long, stringy materials, eliminating chips clogging in the flute.
- For use in CNC and manual drilling machines.

### Drills R40 UNI Stub & Jobber



- Manufactured from a Powder Metallurgy grade of High Speed Steel (PMHSS) which incorporates a much finer grain and homogenous structure than conventional HSS, this allows for higher hardness of the tool, whilst maintaining toughness, and capable of operating at high cutting edge temperatures.
- TiAlN surface coating is standard, offering low friction properties which reduces cutting edge temperature, improving the wear resistance of the drill, this combination provides superior tool life and work-piece finish.
- 130 degree 4 facet drill point with the profile web grind is designed to provide strength at the drill point, whilst maintaining excellent chip flow with optimized CNC generated profile flute shape at 40 degrees helix.
- Common shanks to h6 tolerance for accurate, straight holes and excellent concentricity in operation.
- The above features combined, provide the optimal performance in a wide range of materials, allowing higher speeds and feeds to be achieved, resulting in higher productivity and bridging the gap with carbide tooling.

### Drills CNC/DHJ (TiAlN)



- Non step production drilling up to 5 times diameter.
- 130° with rake correcting web thinning point.
- Fast 40° helix.
- Heavy web parabolic flute.
- Fast, efficient chip evacuation.
- Accurate, straight holes.
- Stable hole size over the production cycle.
- Lower thrust in drilling.
- Easier breakthrough on through holes.
- Longer tool life at faster speeds and feeds.

### Drills VA Black Magic TiAlN



- Developed specifically for machining stainless steel
- 120 degree 4 facet drill point for minimal bur generation on breakthrough.
- CNC generated profile flute shape providing greater chip space for fast and efficient chip evacuation.
- 40 degree helix producing an aggressive wedge angle for free cutting in stainless steel.
- TiAlN surface coating for high heat resistance, superior tool life and workpiece finish.
- Manufactured from premium grade Cobalt High Speed Steel (HSSCo5) for tough application.
- Common shanks to h6 tolerance for accurate, straight holes and excellent concentricity in operation.



## DRILLS



Stub DXS TiAIN



Stub CNC TiAIN



Stub R40 UNI TiAIN



Stub VA Black Magic TiAIN



Jobber DXJ TiAIN



Jobber DHJ TiAIN



Jobber R40 UNI TiAIN



Jobber VA Black Magic TiAIN

### Drills - High Performance

Tool selection for cutting different material has been made easy by applying colour bands to the shanks of the tools.

**Type Uni** - Universal use for wide range of materials, steel up to 1000N/mm<sup>2</sup>. Green Band

**Type VA** - Use in stainless steels, high strength steels up to 1000N/mm<sup>2</sup>. Blue Band

Size mm	Stub DXS TiAIN	Stub CNC TiAIN	Stub R40 UNI TiAIN	Stub VA Black Magic TiAIN	Jobber DXJ TiAIN	Jobber DHJ TiAIN	Jobber R40 UNI TiAIN	Jobber VA Black Magic TiAIN
1.0	D177 0100	D151 0100	D155 0100	D153 0100		D163 0100	D168 0100	
1.5	D177 0150	D151 0150	D155 0150	D153 0150		D163 0150	D168 0150	
2.0	D177 0200	D151 0200	D155 0200	D153 0200		D163 0200	D168 0200	D169 0200
2.5	D177 0250	D151 0250	D155 0250	D153 0250		D163 0250	D168 0250	D169 0250
3.0	D177 0300	D151 0300	D155 0300	D153 0300	D165 0300	D163 0300	D168 0300	D169 0300
3.3	D177 0330	D151 0330	D155 0330	D153 0330	D165 0330	D163 0330	D168 0330	D169 0330
3.5	D177 0350	D151 0350	D155 0350	D153 0350	D165 0350	D163 0350	D168 0350	D169 0350
4.0	D177 0400	D151 0400	D155 0400	D153 0400	D165 0400	D163 0400	D168 0400	D169 0400
4.2	D177 0420	D151 0420	D155 0420	D153 0420	D165 0420	D163 0420	D168 0420	D169 0420
4.5	D177 0450	D151 0450	D155 0450	D153 0450	D165 0450	D163 0450	D168 0450	D169 0450
5.0	D177 0500	D151 0500	D155 0500	D153 0500	D165 0500	D163 0500	D168 0500	D169 0500
5.5	D177 0550	D151 0550	D155 0550	D153 0550	D165 0550	D163 0550	D168 0550	D169 0550
6.0	D177 0600	D151 0600	D155 0600	D153 0600	D165 0600	D163 0600	D168 0600	D169 0600
6.5	D177 0650	D151 0650	D155 0650	D153 0650	D165 0650	D163 0650	D168 0650	D169 0650
6.8	D177 0680	D151 0680	D155 0680	D153 0680	D165 0680	D163 0680	D168 0680	D169 0680
7.0	D177 0700	D151 0700	D155 0700	D153 0700	D165 0700	D163 0700	D168 0700	D169 0700
7.5	D177 0750	D151 0750	D155 0750	D153 0750	D165 0750	D163 0750	D168 0750	D169 0750
8.0	D177 0800	D151 0800	D155 0800	D153 0800	D165 0800	D163 0800	D168 0800	D169 0800
8.5	D177 0850	D151 0850	D155 0850	D153 0850	D165 0850	D163 0850	D168 0850	D169 0850
9.0	D177 0900	D151 0900	D155 0900	D153 0900	D165 0900	D163 0900	D168 0900	D169 0900
9.5	D177 0950	D151 0950	D155 0950	D153 0950	D165 0950	D163 0950	D168 0950	D169 0950
10.0	D177 1000	D151 1000	D155 1000	D153 1000	D165 1000	D163 1000	D168 1000	D169 1000
10.2	D177 1020	D151 1020	D155 1020	D153 1020	D165 1020	D163 1020	D168 1020	D169 1020
10.5	D177 1050	D151 1050	D155 1050	D153 1050	D165 1050	D163 1050	D168 1050	D169 1050
11.0	D177 1100	D151 1100	D155 1100	D153 1100	D165 1100	D163 1100	D168 1100	D169 1100
12.0	D177 1200	D151 1200	D155 1200	D153 1200	D165 1200	D163 1200	D168 1200	D169 1200
12.5	D177 1250	D151 1250	D155 1250	D153 1250	D165 1250	D163 1250	D168 1250	D169 1250
12.7	D177 1270	D151 1270	D155 1270	D153 1270		D163 1270	D168 1270	D169 1270
13.0	D177 1300	D151 1300	D155 1300	D153 1300	D165 1300	D163 1300	D168 1300	D169 1300
13.5	D177 1350	D151 1350	D155 1350	D153 1350		D163 1350	D168 1350	D169 1350
14.0	D177 1400	D151 1400	D155 1400	D153 1400		D163 1400	D168 1400	D169 1400
14.5	D177 1450	D151 1450	D155 1450	D153 1450		D163 1450	D168 1450	D169 1450
15.0	D177 1500	D151 1500	D155 1500	D153 1500		D163 1500	D168 1500	D169 1500
15.5	D177 1550	D151 1550	D155 1550	D153 1550		D163 1550	D168 1550	D169 1550
16.0	D177 1600	D151 1600	D155 1600	D153 1600		D163 1600	D168 1600	D169 1600
16.5	D177 1650	D151 1650	D155 1650	D153 1650			D168 1650	D169 1650
17.0	D177 1700	D151 1700	D155 1700	D153 1700			D168 1700	D169 1700
17.5	D177 1750	D151 1750	D155 1750	D153 1750			D168 1750	D169 1750
18.0	D177 1800	D151 1800	D155 1800	D153 1800			D168 1800	D169 1800
18.5	D177 1850	D151 1850	D155 1850	D153 1850			D168 1850	D169 1850
19.0	D177 1900	D151 1900	D155 1900	D153 1900			D168 1900	D169 1900
19.5	D177 1950	D151 1950	D155 1950	D153 1950			D168 1950	D169 1950
20.0	D177 2000	D151 2000	D155 2000	D153 2000			D168 2000	D169 2000

Other sizes available upon request



# CUTTING TOOLS

## Technical Information Tapping Drill Size Chart Cut Thread



ALL SIZES ARE "SUGGESTED SIZES" ONLY AND MAY BE VARIED TO SUIT INDIVIDUAL REQUIREMENTS

### M ISO METRIC COARSE (60°)

Tap Size	Pitch mm	Tapping Drill mm
M1.6	0.35	1.25
M2	0.4	1.6
M2.5	0.45	2.05
M3	0.5	2.5
M3.5	0.6	2.9
M4	0.7	3.3
M4.5	0.75	3.7
M5	0.8	4.2
M6	1.0	5.0
M8	1.25	6.8
M10	1.5	8.5
M12	1.75	10.2
M14	2.0	12.0
M16	2.0	14.0
M18	2.5	15.5
M20	2.5	17.5
M22	2.5	19.5
M24	3.0	21.0
M27	3.0	24.0
M30	3.5	26.5
M33	3.5	29.5
M36	4.0	32.0
M42	4.5	37.5
M45	4.5	40.5
M48	5.0	43.0
M52	5.0	47.0
M56	5.5	50.5

### MF ISO METRIC FINE (60°)

Tap Size	Pitch mm	Tapping Drill mm
M4	0.5	3.5
M5	0.5	4.5
M6	0.75	5.3
M8	1.0	7.0
M10**	1.0	9.0
M10	1.25	8.8
M12**	1.25	10.8
M12	1.5	10.5
M14**	1.25	12.8
M14	1.5	12.5
M16*	1.5	14.5
M18**	1.5	16.5
M20*	1.5	18.5
M22	1.5	20.5
M24	2.0	22.0
M25*	1.5	23.5
M32*	1.5	30.5
M40*	1.5	38.5
M50*	1.5	48.5

\*Metric Conduit \*\*Spark Plug

### 8UN (8 TPI) UNIFIED NATIONAL FORM (60°)

Tap Size	T.P.I.	Tapping Drill mm
1-1/8	8	25.5
1-1/4	8	28.5
1-3/8	8	31.75
1-1/2	8	35.0
1-5/8	8	38.0
1-3/4	8	41.5
1-7/8	8	44.5
2	8	47.5

### UNC UNIFIED NATIONAL COARSE (60°)

Tap Size	T.P.I.	Tapping Drill mm
#2 (.086)	56	1.85
#3 (.099)	48	2.1
#4 (.112)	40	2.3
#5 (.125)	40	2.6
#6 (.138)	32	2.8
#8 (.164)	32	3.4
#10 (.190)	24	3.8
#12 (.216)	24	4.5
1/4	20	5.1
5/16	18	6.6
3/8	16	8.0
7/16	14	9.4
1/2	13	10.8
9/16	12	12.2
5/8	11	13.5
3/4	10	16.5
7/8	9	19.5
1	8	22.2
1-1/8	7	25.0
1-1/4	7	28.0
1-3/8	6	31.0
1-1/2	6	34.0
1-3/4	5	39.5
2	4.5	45.0

### UNF UNIFIED NATIONAL FINE (60°)

Tap Size	T.P.I.	Tapping Drill mm
#3 (.099)	56	2.1
#4 (.112)	48	2.35
#5 (.125)	44	2.65
#6 (.138)	40	2.9
#8 (.164)	36	3.5
#10 (.190)	32	4.1
#12 (.216)	28	4.6
3/16*	32	4.0
1/4	28	5.5
5/16	24	6.9
3/8	24	8.5
7/16	20	9.8
1/2	20	11.5
9/16	18	12.8
5/8	18	14.5
3/4	16	17.5
7/8	14	20.5
1	12	23.5
1*	14	24.0
1-1/8	12	26.5
1-1/4	12	29.5
1-3/8	12	33.01
1-1/2	12	36.0

\*UNS

### UNEF UNIFIED NATIONAL FORM (60°)

Tap Size	T.P.I.	Tapping Drill mm
1/4	32	5.6
5/16	32	7.2
3/8	32	8.8
1/2	28	11.8
5/8	24	14.75
3/4	20	18
1	20	24.2

### BSW BRITISH STANDARD WHITWORTH (55°)

Tap Size	T.P.I.	Tapping Drill mm
1/16*	60	1.2
3/32*	48	1.85
1/8	40	2.55
5/32*	32	3.2
3/16	24	3.7
7/32*	24	4.5
1/4	20	5.1
5/16	18	6.5
3/8	16	7.9
7/16	14	9.3
1/2	12	10.5
9/16	12	12.1
5/8	11	13.5
3/4	10	16.25
7/8	9	19.25
1	8	22.0
1-1/8	7	24.75
1-1/4	7	28.0
1-1/2	6	33.5
1-3/4	5	39.0
2	4-1/2	44.5

\*WHIT. Form

### BSF BRITISH STANDARD FINE (55°)

Tap Size	T.P.I.	Tapping Drill mm
3/16	32	4.0
7/32	28	4.6
1/4	26	5.3
5/16	22	6.8
3/8	20	8.3
7/16	18	9.8
1/2	16	11.0
9/16	16	12.7
5/8	14	14.0
11/16	14	15.5
3/4	12	16.75
7/8	11	19.75
1	10	22.75
1-1/8	9	25.5
1-1/4	9	28.5
1-1/2	8	34.5
1-3/4	7	41.0

### BSB BRITISH STANDARD BRASS (55°)

Tap Size	T.P.I.	Tapping Drill mm
1/4	26	5.2
5/16	26	6.8
3/8	26	8.4
7/16	26	10.0
1/2	26	11.6
9/16	26	13.2
5/8	26	14.8
3/4	26	18.0
7/8	26	20.8
1	26	24.3



## Technical Information Tapping Drill Size Chart Cut Thread

### Rc (BSPT)\*ISO Rc TAPER SERIES 1:16 (55°)

Tap Size	T.P.I.	Drill Only*	Drill & Reamer
Rc 1/16	28	6.4	6.2
Rc 1/8	28	8.4	8.4
Rc 1/4	19	11.2	10.8
Rc 3/8	19	14.75	14.5
Rc 1/2	14	18.25	18.0
Rc 3/4	14	23.75	23.0
Rc 1	11	30.0	29.0
Rc 1-1/4	11	38.5	38.0
Rc 1-1/2	11	44.5	44.0
Rc 2	11	56.0	55.0

### G (BSPF) ISO G PARALLEL SERIES (55°)

Tap Size	T.P.I.	Tapping Drill mm
G 1/16	28	6.8
G 1/8	28	8.8
G 1/4	19	11.8
G 3/8	19	15.3
G 1/2	14	19.0
G 5/8	14	21.0
G 3/4	14	24.5
G 7/8	14	28.5
G 1	11	31.0
G 1-1/4	11	39.5
G 1-1/2	11	45.5
G 1-3/4	11	51.5
G 2	11	57.5
G 2-1/2	11	72.5

### RP (BSPPL) SEALING PIPE THREAD PARALLEL (55°)

Tap Size	T.P.I.	Tapping Drill mm
Rp 1/8	28	8.6
Rp 1/4	19	11.5
Rp 3/8	19	15.0
Rp 1/2	14	18.5
Rp 3/4	14	24.0
Rp 1	11	30.2
Rp 1-1/4	11	39.0
Rp 1-1/2	11	45.0
Rp 2	11	56.4

### PG STEEL CONDUIT (80°)

Tap Size	T.P.I.	Tapping Drill mm
Pg7	20	11.3
Pg9	18	13.9
Pg11	18	17.3
Pg13.5	18	19.1
Pg16	18	21.2
Pg21	15	26.8

### Thread Forming (FLUTELESS TAPS)

Tap Size	T.P.I.	Tapping Drill mm
<b>Metric Coarse</b>		
M1	0.25	0.9
M1.1	0.25	1.0
M1.2	0.25	1.1
M1.4	0.3	1.28
M1.6	0.35	1.45
M1.7	0.35	1.55
M1.8	0.35	1.65
M2.0	0.40	1.8
M2.2	0.45	2.0
M2.3	0.4	2.1
M2.5	0.45	2.3
M2.6	0.45	2.4
M3	0.5	2.8
M3.5	0.6	3.2
M4	0.7	3.7
M5	0.8	4.6
M6	1.0	5.5
M8	1.25	7.4
M10	1.5	9.3
M12	1.75	11.2
<b>BSW</b>		
1/8	40	2.9
5/32	32	3.6
3/16	24	4.3
1/4	20	5.8
5/16	18	7.3
3/8	16	8.8

### NPT-NPTF\* NATIONAL PIPE TAPER 1:16 (60°)

Tap Size	T.P.I.	Drill Only*	Drill & Reamer
1/16	27	6.3	6.0
1/8	27	8.5	8.2
1/4	18	11.0	10.8
3/8	18	14.5	14.0
1/2	14	18.0	17.5
3/4	14	23.0	23.0
1	11-1/2	29.0	28.5
1-1/4	11-1/2	37.5	37.0
1-1/2	11-1/2	44	43.5
2	11-1/2	55.5	55.0

### NPSF NATIONAL PIPE STRAIGHT (60°)

Tap Size	T.P.I.	Tapping Drill mm
1/8	27	8.6
1/4	18	11.0
3/8	18	14.5
1/2	14	18.0

### Thread Forming (FLUTELESS TAPS)

Tap Size	T.P.I.	Tapping Drill mm
<b>UNC</b>		
#1 (.073)	64	1.7
#2 (.086)	56	2.0
#3 (.099)	48	2.3
#4 (.112)	40	2.6
#5 (.125)	40	2.9
#6 (.138)	32	3.2
#8 (.164)	32	3.8
#10 (.190)	24	4.4
#12 (.216)	24	5.0
1/4	20	5.8
5/16	18	7.3
3/8	16	8.8
7/16	14	10.2
1/2	13	11.7
<b>UNF</b>		
#1 (.073)	72	1.7
#2 (.086)	64	2.0
#3 (.099)	56	2.3
#4 (.112)	48	2.6
#5 (.125)	44	2.9
#6 (.138)	40	3.2
#8 (.164)	36	3.9
#10 (.190)	32	4.5
#12 (.216)	28	5.1
1/4	28	6.0
5/16	24	7.5
3/8	24	9.0
7/16	20	10.6
1/2	20	12.1
<b>G (BSPF)</b>		
1/8	28	9.25
1/4	19	12.5
3/8	19	16.0
1/2	14	20.0
5/8	14	22.0
3/4	14	25.5
7/8	14	29.25
1	11	32.0

### BA (47.5°)

Tap Size	T.P.I.	Tapping Drill mm
0	1	5.1
1	0.9	4.5
2	0.81	4.0
3	0.73	3.4
4	0.66	3.0
5	0.59	2.65
6	0.53	2.3
7	0.48	2.05
8	0.43	1.8
9	0.39	1.55
10	0.35	1.4
11	0.31	1.2
12	0.28	1.05
13	0.25	0.98
14	0.23	0.8
15	0.21	0.7
16	0.19	0.6



# CUTTING TOOLS

## TAPS



### Taps - HSS Metric Coarse

- General purpose use, materials up to approx. 1000 N/mm<sup>2</sup>
- Through and blind holes
- Suitable for both hand and machine operations



Size	Pitch	drill ø	Taper	Intermediate	Bottoming	Set	Through Hole Gun N Spiral Point Blue Intermediate	Blind Hole Spiral Flute N Bright Bottoming	Blind Hole Fluteless Single Coolant Groove Bright	Straight Flute Oversize
<b>ISO 529</b>										
M2	0.40	1.6	T384 0200	T385 0200	T386 0200	T901 0200				
M2.5	0.45	2.05	T384 0250	T385 0250	T386 0250	T901 0250	T394 0250	T397 0250	T399 0250	
M3	0.50	2.5	T384 0300	T385 0300	T386 0300	T901 0300	T394 0300	T397 0300	T399 0300	
M3.5	0.60	2.9	T384 0350	T385 0350	T386 0350	T901 0350	T394 0350	T397 0350	T399 0350	
M4	0.70	3.3	T384 0400	T385 0400	T386 0400	T901 0400	T394 0400	T397 0400	T399 0400	
M4.5	0.75	3.7	T384 0450	T385 0450	T386 0450	T901 0450				
M5	0.80	4.2	T384 0500	T385 0500	T386 0500	T901 0500	T394 0500	T397 0500	T399 0500	
M6	1.00	5.0	T384 0600	T385 0600	T386 0600	T901 0600	T394 0600	T397 0600	T399 0600	
M7	1.00	6.0	T384 0700	T385 0700	T386 0700	T901 0700				
M8	1.25	6.8	T384 0800	T385 0800	T386 0800	T901 0800	T394 0800	T397 0800	T399 0800	
M9	1.25	7.8	T384 0900	T385 0900	T386 0900	T901 0900				
M10	1.50	8.5	T384 1000	T385 1000	T386 1000	T901 1000	T394 1000	T397 1000	T399 1000	T392 1000
M11	1.50	9.5	T384 1100	T385 1100	T386 1100	T901 1100				
M12	1.75	10.2	T384 1200	T385 1200	T386 1200	T901 1200	T394 1200			T392 1200
M14	2.00	12.0	T384 1400	T385 1400	T386 1400	T901 1400	T394 1400	T397 1400		
M16	2.00	14.0	T384 1600	T385 1600	T386 1600	T901 1600	T394 1600	T397 1600		T392 1600
M18	2.50	15.5	T384 1800	T385 1800	T386 1800	T901 1800	T394 1800	T397 1800		
M20	2.50	17.5	T384 2000	T385 2000	T386 2000	T901 2000	T394 2000	T397 2000		T392 2000
M22	2.50	19.5	T384 2200	T385 2200	T386 2200	T901 2200	T394 2200	T397 2200		
M24	3.00	21.0	T384 2400	T385 2400	T386 2400	T901 2400	T394 2400	T397 2400		T392 2400
M27	3.00	24.0	T384 2700	T385 2700	T386 2700					
M30	3.50	26.5	T384 3000	T385 3000	T386 3000		T394 3000	T397 3000		
M33	3.50	29.5	T384 3300	T385 3300	T386 3300					
M36	4.00	32.0	T384 3600	T385 3600	T386 3600					
M39	4.00	35.0	T384 3900	T385 3900	T386 3900					
M42	4.50	37.5	T384 4200	T385 4200	T386 4200					
M45	4.50	40.5	T384 4500	T385 4500	T386 4500					
M48	5.00	43.0	T384 4800	T385 4800	T386 4800					
M52	5.00	47.0	T384 5200	T385 5200	T386 5200					



### ISO 529 Tap & Drill Set

14 Piece Straight Flute  
Tap and Drill Set - Intermediate

- General purpose use, materials up to approx. 1000 N/mm<sup>2</sup>
- Suitable for both hand and machine operations

#### Sizes

Tap: M3, M4, M5, M6, M8, M10, M12  
Drill: 2.5, 3.3, 4.2, 5.0, 6.8, 8.5, 10.2

Part Number: T385 0014



### SD&T1 Tap and Drill Set

**Contents:** M3 x 0.50, M4 x 0.70, M5 x 0.80, M6 x 1.00, M8 x 1.25, M10 x 1.50, M12 x 1.75.

All sizes come with appropriate size tapping drill.

Part Number: T901 SDT1

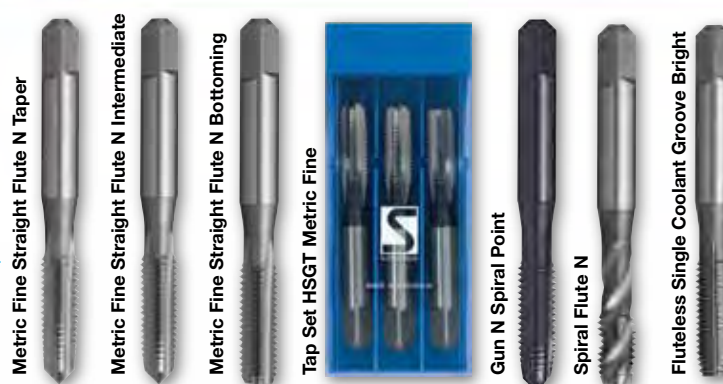






## Taps - HSS Metric Fine

- General purpose use, materials up to approx. 1000 N/mm<sup>2</sup>
- Through and blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d1



Size	Pitch	Taper Bright	Intermediate Bright	Bottoming Bright	Set Bright	Gun N Spiral Point Intermediate Blue	Spiral Flute Bottoming Bright	Fluteless Single Coolant Groove Blind Holes Bright
<b>ISO 529</b>								
M8	0.75			T403 0804				
M10	1.25*	T401 1006	T402 1006	T403 1006	T902 1006	T407 1006	T409 1006	
M10	1.00	T401 1005	T402 1005	T403 1005	T902 1005	T407 1005	T409 1005	T637 1005
M10	0.75			T403 1004				
M12	1.5*	T401 1207	T402 1207	T403 1207	T902 1207	T407 1207	T409 1207	
M12	1.25	T401 1206	T402 1206	T403 1206	T902 1206	T407 1206	T409 1206	T637 1206
M12	1.00	T401 1205	T402 1205	T403 1205				
M14	1.5*	T401 1407	T402 1407	T403 1407	T902 1407	T407 1407	T409 1407	
M14	1.00			T403 1405				
M14	1.25						T409 1406	
M16	1.5*	T401 1607	T402 1607	T403 1607	T902 1607	T407 1607		
M16	1.25			T403 1606				
M16	1.00			T403 1605				
M18	1.5*	T401 1807	T402 1807	T403 1807	T902 1807	T407 1807	T409 1807	
M18	1.25			T403 1806				
M20	2.0*			T403 2008				
M20	1.5**	T401 2007	T402 2007	T403 2007	T902 2007	T407 2007	T409 2007	
M20	1.25			T403 2006				
M22	2.00			T403 2208				
M22	1.50	T401 2207	T402 2207	T403 2207	T902 2207	T407 2207	T409 2207	
M24	2.0*	T401 2408	T402 2408	T403 2408	T902 2408			
M24	1.50			T403 2407				
M25	1.5**	T401 2507	T402 2507	T403 2507				
M27	2.00			T403 2708				
M30	1.50	T401 3007	T402 3007	T403 3007				
M30	2.00	T401 3008	T402 3008	T403 3008				
M32	1.5**	T401 3207	T402 3207	T403 3207				
M40	1.5**	T401 4007	T402 4007	T403 4007				
<b>Spark Plug</b>								
M10	1.00	T401 1005	T402 1005	T403 1005	T902 1005			
M12	1.25	T401 1206	T402 1206	T403 1206	T902 1206			
M14	1.25	T401 1406	T402 1406	T403 1406	T902 1406			
M18	1.50	T401 1807	T402 1807	T403 1807	T902 1807			

\*Alternative Metric Fine \*\*Conduit Metric



# CUTTING TOOLS



## Taps - HSS UNC

- General purpose use, materials up to approx. 1000 N/mm<sup>2</sup>
- Through and blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d1



Size	TPI	Taper Bright	Intermediate Bright	Bottoming Bright	Set Bright	Gun N Spiral Blue	Spiral Flute N Bright	Fluteless Single Coolant Groove Bright	Machine Nut Long Shank
#2	56						T425 0218		
#3	48	T414 0251	T415 0251	T416 0251					
#4	40	T414 0284	T415 0284	T416 0284	T903 0284		T425 0284		
#5	40	T414 0318	T415 0318	T416 0318	T903 0318			T428 0318	
#6	32	T414 0351	T415 0351	T416 0351	T903 0351	T423 0351	T425 0351	T428 0351	
#8	32	T414 0417	T415 0417	T416 0417	T903 0417	T423 0417	T425 0417	T428 0417	
#10	24	T414 0483	T415 0483	T416 0483	T903 0483	T423 0483	T425 0483	T428 0483	
#12	24	T414 0549	T415 0549	T416 0549	T903 0549				
3/16	24 (UNS)	T414 0476	T415 0476	T416 0476	T903 0476				
1/4	20	T414 0635	T415 0635	T416 0636	T903 0635	T423 0635	T425 0635	T428 0635	T430 0635
5/16	18	T414 0794	T415 0794	T416 0795	T903 0794	T423 0794	T425 0794	T428 0794	T430 0794
3/8	16	T414 0953	T415 0953	T416 0953	T903 0953	T423 0953	T425 0953	T428 0953	T430 0953
7/16	14	T414 1111	T415 1111	T416 1111	T903 1111	T423 1111	T425 1111		
1/2	13	T414 1270	T415 1270	T416 1270	T903 1270	T423 1270	T425 1270	T428 1270	T430 1270
9/16	12	T414 1429	T415 1429	T416 1429	T903 1429				
5/8	11	T414 1588	T415 1588	T416 1588	T903 1588	T423 1588	T425 1588		
3/4	10	T414 1905	T415 1905	T416 1905	T903 1905	T423 1905	T425 1905		
7/8	9	T414 2223	T415 2223	T416 2223	T903 2223	T423 2223	T425 2223		
1	8	T414 2540	T415 2540	T416 2540	T903 2540	T423 2540	T425 2540		
1-1/8	7	T414 2858	T415 2858	T416 2858					
1-1/4	7	T414 3175	T415 3175	T416 3175	T903 3175				
1-1/2	6	T414 3810	T415 3810	T416 3810	T903 3810				



Straight Flute N Taper



Straight Flute N Intermediate



Straight Flute N Bottoming

## Taps - HSS UNEF & 8UN - Straight Flute N

- General purpose use, materials up to approx. 1000 N/mm<sup>2</sup> - Through and blind holes
- Suitable for both hand and machine operations

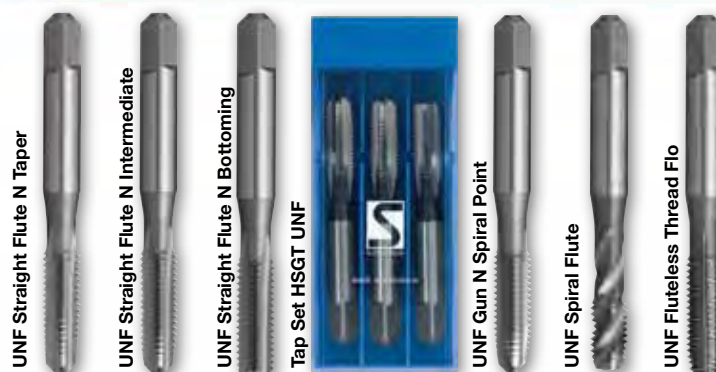
Size	TPI	Taper Bright	Intermediate Bright	Bottoming Bright
<b>ISO 529</b>				
<b>UNEF Series</b>				
1/4	32	T445 0635	T446 0635	T447 0635
5/16	32	T445 0794	T446 0794	T447 0794
3/8	32	T445 0953	T446 0953	T447 0953
1/2	28	T445 1270	T446 1270	T447 1270
5/8	24	T445 1588	T446 1588	T447 1588
3/4	20	T445 1905	T446 1905	T447 1905
1	20	T445 2540	T446 2540	T447 2540
<b>8 UN Series</b>				
1-1/8	8	T448 2858	T449 2858	T450 2858
1-1/4	8	T448 3175	T449 3175	T450 3175
1-1/2	8	T448 3810	T449 3810	T450 3810
1-3/4	8	T448 4445	T449 4445	T450 4445
2	8	T448 5080	T449 5080	T450 5080
<b>Tyre Valve Tap (UNS)</b>				
5V1	(0.21) 36			T489 0533
<b>Stitching Tap</b>				
#1				T490 0655





## Taps - HSS UNF

- General purpose use, materials up to approx. 1000 N/mm<sup>2</sup>
- Through and blind holes
- Suitable for both hand and machine operations



Size	TPI	Taper Bright	Intermediate Bright	Bottoming Bright	Set Bright	Gun N Spiral Bright	Spiral Flute Bright	Fluteless Threadflo
<b>ISO 529</b>								
#6	40	T431 0351	T432 0351	T433 0351	T904 0351			
#8	36	T431 0417	T432 0417	T433 0417	T904 0417			
#10	32	T431 0483	T432 0483	T433 0483	T904 0483	T439 0483	T442 0483	
#12	28	T431 0549	T432 0549	T433 0549	T904 0549			
3/16	32 (UNS)	T431 0476	T432 0476	T433 0476	T904 0476			
1/4	28	T431 0635	T432 0635	T433 0635	T904 0635	T439 0635	T442 0635	T444 0635
5/16	24	T431 0794	T432 0794	T433 0794	T904 0794	T439 0794	T442 0794	T444 0794
3/8	24	T431 0953	T432 0953	T433 0953	T904 0953	T439 0953	T442 0953	T444 0953
7/16	20	T431 1111	T432 1111	T433 1111	T904 1111	T439 1111	T442 1111	
1/2	20	T431 1270	T432 1270	T433 1270	T904 1270	T439 1270	T442 1270	T444 1270
5/8	18	T431 1588	T432 1588	T433 1588	T904 1588	T439 1588	T442 1588	
3/4	16	T431 1905	T432 1905	T433 1905	T904 1905	T439 1905	T442 1905	
7/8	14	T431 2223	T432 2223	T433 2223	T904 2223			
1	12	T431 2540	T432 2540	T433 2540	T904 2540			
1	14 (UNS)	T431 2541	T432 2541	T433 2541	T904 2541			
1-1/8	12	T431 2858	T432 2858	T433 2858				
1-1/4	12	T431 3175	T432 3175	T433 3175				
1-1/2	12	T431 3810	T432 3810	T433 3810				



## Taps - HSS BSW

- General purpose use, materials up to approx. 1000 N/mm<sup>2</sup>
- Through and blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d1



Size	TPI	Taper Bright	Intermediate Bright	Bottoming Bright	Set Bright	Gun N Spiral Point Blue	Spiral Flute N Bright	Fluteless Bright	Machine Nut Long Bright
<b>ISO 529</b>									
1/8	40	T451 0318	T452 0318	T453 0318	T905 0318	T458 0318	T460 0318	T463 0318	
5/32	32(WHIT)	T451 0397	T452 0397	T453 0397	T905 0397	T458 0397	T460 0397	T463 0397	
3/16	24	T451 0476	T452 0476	T453 0476	T905 0476	T458 0476	T460 0476	T463 0476	
1/4	20	T451 0635	T452 0635	T453 0635	T905 0635	T458 0635	T460 0635	T463 0635	T465 0635
5/16	18	T451 0794	T452 0794	T453 0794	T905 0794	T458 0794	T460 0794	T463 0794	T465 0794
3/8	16	T451 0953	T452 0953	T453 0953	T905 0953	T458 0953	T460 0953	T463 0953	T465 0953
1/2	12	T451 1270	T452 1270	T453 1270	T905 1270	T458 1270	T460 1270		T465 1270
5/8	11	T451 1588	T452 1588	T453 1588	T905 1588	T458 1588	T460 1588		T465 1588
3/4	10	T451 1905	T452 1905	T453 1905	T905 1905	T458 1905	T460 1905		T465 1905
7/8	9	T451 2223	T452 2223	T453 2223	T905 2223	T458 2223	T460 2223		
1	8	T451 2540	T452 2540	T453 2540	T905 2540	T458 2540	T460 2540		T465 2540
1-1/8	7	T451 2858	T452 2858	T453 2858					
1-1/4	7	T451 3175	T452 3175	T453 3175					
1-1/2	6	T451 3810	T452 3810	T453 3810					
1-3/4	5	T451 4445	T452 4445	T453 4445					
2	4-1/2	T451 5080	T452 5080	T453 5080					



# CUTTING TOOLS



National Pipe Series

## Taps - HSS National Pipe Series

- General purpose use, materials up to approx. 1000 N/mm<sup>2</sup>
- Suitable for both hand and machine operations
- NPT = NPTF thread forms
- Taper pipe reamer recommended prior to tapping

Size	TPI	Colour Temp Bottoming
<b>ANSI B94-9</b>		
<b>NPSF (Dryseal Straight)</b>		
1/8	27	T486 1029
1/4	18	T486 1372
3/8	18	T486 1715
1/2	14	T486 2134
<b>NPT (National Pipe Taper) 15° Chamfer (1:16 Taper Rate)</b>		
1/8	27	T487 1029
1/4	18	T487 1372
3/8	18	T487 1715
1/2	14	T487 2134
3/4	14	T487 2667
1	11-1/2	T487 3340
1-1/4	11-1/2	T487 4216
<b>NPTF (Dryseal Taper) 15° Chamfer (1:16 Taper Rate)</b>		
1/8	27	T488 1029
1/4	18	T488 1372
3/8	18	T488 1715
1/2	14	T488 2134



Bright Gun Spiral Point

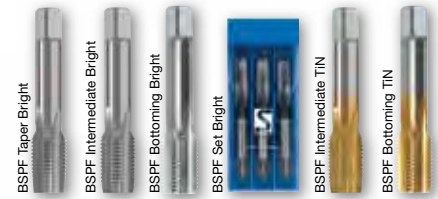


Bright Spiral Flute Tap

## Taps - HSS Pipe G (BSPF)

- General purpose use, materials up to approx. 1000 N/mm<sup>2</sup>
- Through and blind holes
- Suitable for both hand and machine operations

Size	TPI	Drill Ø	Gun Spiral Point Bright	Spiral Flute Bright
<b>ISO 529</b>				
<b>G Series (BSPF)</b>				
1/8	28	8.8	T484 0973	T485 0973
1/4	19	11.8	T484 1316	T485 1316
3/8	19	15.3	T484 1666	T485 1666
1/2	14	19.0	T484 2096	T485 2096
3/4	14	24.5	T484 2644	T485 2644



## Taps - HSS Pipe G (BSPF)

- General purpose use, materials up to approx. 1000 N/mm<sup>2</sup>
- Through & blind holes
- Suitable for both hand and machine operations

Size	TPI	BSPF Taper Bright	BSPF Intermediate Bright	BSPF Bottoming Bright	BSPF Set Bright	BSPF Intermediate TiN	BSPF Bottoming TiN
<b>ISO 2284</b>							
<b>G Series (BSPF) Straight Flute Parallel, Mechanical Fastening</b>							
1/8	28	T479 0973	T480 0973	T481 0973	T909 0973	T482 0973	T483 0973
1/4	19	T479 1316	T480 1316	T481 1316	T909 1316	T482 1316	T483 1316
3/8	19	T479 1666	T480 1666	T481 1666	T909 1666	T482 1666	T483 1666
1/2	14	T479 2096	T480 2096	T481 2096	T909 2096	T482 2096	T483 2096
5/8	14	T479 2291	T480 2291	T481 2291	T909 2291		T482 2291
3/4	14	T479 2644	T480 2644	T481 2644	T909 2644		T483 2644
7/8	14	T479 3020	T480 3020	T481 3020			
1	11	T479 3325	T480 3325	T481 3325	T909 3325		
1-1/4	11	T479 4191	T480 4191	T481 4191			
1-1/2	11	T479 4780	T480 4780	T481 4780			
1-3/4	11	T479 5375	T480 5375	T481 5375			
2	11	T479 5961	T480 5961	T481 5961			



RP and PG Bright



Pipe Rc BSPT Bright

## Taps - HSS Pipe RC (BSPT) - HSS Pipe RP & PG

- General purpose use, materials up to approx. 1000 N/mm<sup>2</sup>
- Through and blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d<sub>i</sub>

Size	TPI	Rp & Pg Bottoming Bright	Pipe Rc BSPT Bottoming Bright
<b>Rp Series (BSPPL) Sealing Pipe Thread Parallel</b>			<b>ISO 2284</b>
1/8	28	T477 0973	T475 0973
1/4	19	T477 1316	T475 1316
3/8	19	T477 1666	T475 1666
1/2	14	T477 2096	T475 2096
3/4	14	T477 2644	T475 2644
1	11	T477 3325	T475 3325
1-1/4	11	T477 4191	T475 4191
1-1/2	11	T477 4780	T475 4780
2	11	T477 5961	T475 5961
<b>Pg - Steel Conduit (Armour Pipe)</b>			
Pg 7	20	T478 1250	
Pg 9	18	T478 1520	
Pg 11	18	T478 1860	
Pg 13.5	18	T478 2040	
Pg 16	18	T478 2250	
Pg 21	16	T478 2830	



# High Performance Taps...



## Tapping Blind Holes

### Taps Spiral Flute R40 Bright



- General Steels

### Taps Spiral Flute R40 UNI TiAlN



- Universal use for a wide range of materials, preferred applications: Steels up to 1000N/mm<sup>2</sup>, AISi alloys

### Taps Spiral Flute R45 W HSSE Ni



- Soft Non Ferrous materials
- Free cutting steels
- AISi alloys

### Taps Spiral Flute R50 VA PM TiCN



- Stainless Steels and tough materials
- Use in stainless steels, high strength steels up to 1000N/mm<sup>2</sup>

### Taps Spiral Flute R15 H TiCN



- Harder materials
- Up to 43 Rc
- High tensile steels up to 1400N/mm<sup>2</sup>

### Taps Straight Flute GG HSSE TiCN



- Use in grey cast iron (GG), brittle plastics, hard bronze
- Blind and Through holes

## Tapping Through Holes

### Taps Spiral Point Gun N Bright



- General Steels

### Taps Spiral Point Gun UNI TiAlN



- Universal use for a wide range of materials, preferred applications: Steels up to 1000N/mm<sup>2</sup>, AISi alloys

### Taps Spiral Point Gun W HSSE Ni



- Non Ferrous materials
- Free cutting steels
- AISi alloys

### Taps Spiral Point Gun VA PM TiCN



- Stainless Steels and tough materials
- Use in stainless steels, high strength steels up to 1000N/mm<sup>2</sup>

### Taps Spiral Point Gun H



- Harder materials
- Up to 43 Rc
- High tensile steels up to 1400N/mm<sup>2</sup>

### Taps Thread Forming RLC TiCN



- For cold forming of threads in materials with good flow characteristics
- Blind and Through holes



# CUTTING TOOLS

## TAPS



R40 N Bright



R40 Uni TiAlN



R45 W Ni



R50 VA TiCN



R15 H TiCN



RLC TiCN



GG TiCN

### Taps - HSS Blind Holes



W



VA



H



GG

Size	Pitch	Spiral Flute R40 N Bright	Spiral Flute R40 Uni TiAlN	Spiral Flute R45 W Ni	Spiral Flute R50 VA TiCN	Spiral Flute R15 H TiCN	Thread Forming RLC TiCN	Straight Flute GG TiCN
<b>DIN 371</b>								
M3	0.5	T187 0300	T227 0300	T235 0300	T205 0300	T211 0300	T321 0300	T292 0300
M4	0.7	T187 0400	T227 0400	T235 0400	T205 0400	T211 0400	T321 0400	T292 0400
M5	0.8	T187 0500	T227 0500	T235 0500	T205 0500	T211 0500	T321 0500	T292 0500
M6	1	T187 0600	T227 0600	T235 0600	T205 0600	T211 0600	T321 0600	T292 0600
M8	1.25	T187 0800	T227 0800	T235 0800	T205 0800	T211 0800	T321 0800	T292 0800
M10	1.5	T187 1000	T227 1000	T235 1000	T205 1000	T211 1000	T321 1000	T292 1000
<b>DIN 376</b>								
M6	1	T188 0600					T322 0600	T293 0600
M8	1.25	T188 0800					T322 0800	T293 0800
M10	1.5	T188 1000					T322 1000	T293 1000
M12	1.75	T188 1200	T228 1200	T236 1200	T206 1200	T212 1200	T322 1200	T293 1200
M14	2	T188 1400	T228 1400	T236 1400	T206 1400	T212 1400	T322 1400	
M16	2	T188 1600	T228 1600	T236 1600	T206 1600	T212 1600	T322 1600	T293 1600
M18	2.5	T188 1800	T228 1800	T236 1800	T206 1800	T212 1800		
M20	2.5	T188 2000	T228 2000	T236 2000	T206 2000	T212 2000		T293 2000
<b>DIN 374</b>								
M6	0.75	T245 0604	T254 0604		T252 0604			T301 0604
M8	1	T245 0805	T254 0805					T301 0805
M10	1	T245 1005	T254 1005		T252 1005			T301 1005
M10	1.25	T245 1006	T254 1006					T301 1006
M12	1		T254 1205		T252 1205			
M12	1.25	T245 1206	T254 1206		T252 1206			T301 1206
M12	1.5	T245 1207	T254 1207		T252 1207			T301 1207
M14	1.25		T254 1406		T252 1406			T301 1406
M14	1.5	T245 1407	T254 1407					T301 1407
M16	1.5	T245 1607	T254 1607					T301 1607
Other Available Thread Forms		UNC, UNF, G(BSPF)	UNC	UNC	G(BSPF)		G(BSPF)	UNC, G(BSPF)



T227 0006



T201 0006



T205 0006

### Spiral Flute Tap & Drill Set

- UNI
- 6 Piece Set, Taps: M6, M8, M10
- Drills: 5.0, 6.8 & 8.5mm
- Part Number: T227 0006

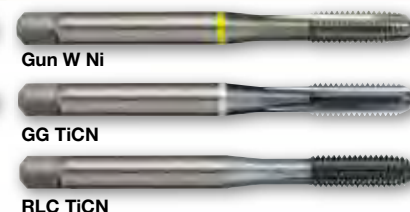
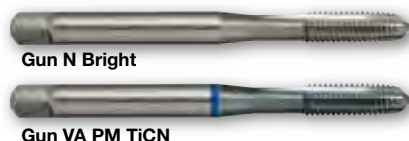
### Spiral Flute Tap & Drill Set

- VA
- 6 Piece Set (VADH), Taps: M6, M8, M10
- Drills: 5.0, 6.8 & 8.5mm
- Part Number: T201 0006

### Spiral Flute Tap & Drill Set

- VAPM
- 6 Piece Set (VAPM), Taps: M6, M8, M10
- Drills: 5.0, 6.8 & 8.5mm
- Part Number: T205 0006





## Taps - HSS Through Holes



Size	Pitch	Gun N Bright	Gun UNI TiAlN	Gun W Ni	Gun VA PM TiCN	Gun H TiCN	Thread Forming RLC TiCN	Straight Flute GG TiCN
<b>DIN 371</b>								
M3	0.5	T100 0300	T140 0300	T122 0300	T116 0300	T146 0300	T321 0300	T292 0300
M4	0.7	T100 0400	T140 0400	T122 0400	T116 0400	T146 0400	T321 0400	T292 0400
M5	0.8	T100 0500	T140 0500	T122 0500	T116 0500	T146 0500	T321 0500	T292 0500
M6	1	T100 0600	T140 0600	T122 0600	T116 0600	T146 0600	T321 0600	T292 0600
M8	1.25	T100 0800	T140 0800	T122 0800	T116 0800	T146 0800	T321 0800	T292 0800
M10	1.5	T100 1000	T140 1000	T122 1000	T116 1000	T146 1000	T321 1000	T292 1000
<b>DIN 376</b>								
M6	1	T101 0600						T293 0600
M8	1.25	T101 0800						T293 0800
M10	1.5	T101 1000						T293 1000
M12	1.75	T101 1200	T141 1200	T123 1200	T117 1200	T147 1200	T322 1200	T293 1200
M14	2	T101 1400	T141 1400		T117 1400	T147 1400	T322 1400	
M16	2	T101 1600	T141 1600	T123 1600	T117 1600	T147 1600	T322 1600	T293 1600
M18	2.5	T101 1800	T141 1800		T117 1800	T147 1800		
M20	2.5	T101 2000	T141 2000	T123 2000	T117 2000	T147 2000		T293 2000
<b>DIN 374</b>								
M6	0.75	T154 0604	T163 0604		T160 0604			T301 0604
M8	1	T154 0805	T163 0805					T301 0805
M10	1	T154 1005	T163 1005		T160 1005			T301 1005
M10	1.25	T154 1006	T163 1006					T301 1006
M12	1	T154 1205	T163 1205		T160 1205			
M12	1.25	T154 1206	T163 1206		T160 1206			T301 1206
M12	1.5	T154 1207	T163 1207		T160 1207			T301 1207
M14	1.25	T154 1406	T163 1406		T160 1406			T301 1406
M14	1.5	T154 1407	T163 1407					T301 1407
M16	1.5	T154 1607	T163 1607					T301 1607
Other Available Thread Forms		UNC, UNF, G(BSPF)	UNC		G(BSPF)	UNC	G(BSPF)	UNC, G(BSPF)



T140 0006



T112 0006



T116 0006

## Gun Tap & Drill Set

- UNI
- 6 Piece Set, Taps: M6, M8, M10
- Drills: 5.0, 6.8 & 8.5mm
- Part Number: T140 0006

## Gun Tap & Drill Set

- VA
- 6 Piece Set, Taps: M6, M8, M10
- Drills: 5.0, 6.8 & 8.5mm
- Part Number: T112 0006

## Gun Tap & Drill Set

- VAPM
- 6 Piece Set (VAPM), Taps: M6, M8, M10
- Drills: 5.0, 6.8 & 8.5mm
- Part Number: T116 0006



# CUTTING TOOLS

## THREADING



Hand Tap Taper



Hand Tap Intermediate



Hand Tap Bottoming

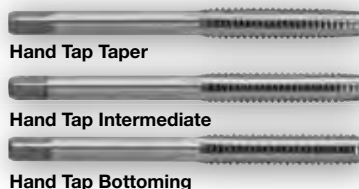
### Threading - Carbon Hand Taps Bulk

- Carbon Taps - Not suitable for precision, safety or critical threads. General purpose / DIY use only.
- Straight flutes are designed for tapping into materials where chips break-up readily and present no disposal problems, particularly in through-hole tapping.
- Straight flute taps are only suitable for hand operations, tapping up to 1-1/2 x D.
- Set comprises 1 each - Taper, Intermediate & Bottoming

Size	Pitch	Taper	Intermediate	Bottoming	Set
<b>Metric ISO Coarse</b>					
M2	0.4	024981	020082	024998	050843
M2.5	0.45	026923	029405	029412	071756
M3	0.5	018751	020099	025001	021775
M3.5	0.6	040196	032139	035666	050850
M4	0.7	015385	016351	021614	017747
M4.5	0.75	025018	035673	029429	071763
M5	0.8	011271	011288	015392	020235
M6	1.0	012360	015408	008189	013084
M7	1.0	029436	035680	026930	040769
M8	1.25	011295	014531	017501	016467
M9	1.25	035697	035703	035710	040776
M10	1.5	017518	008196	015415	018911
M11	1.5	025025	032146	026947	071770
M12	1.75	021621	016368	021638	025193
M14	2.0	025032	040202	032153	029696
M16	2.0	021645	013626	014548	025209
M18	2.5	025049	035727	032160	040783
M20	2.5	017525	023212	018768	036359
M22	2.5	050560	035734	035741	050867
M24	3.0	035758	029443	035765	040790
M27	3.0	035772	040219	040226	
M30	3.5	050577	050584	040233	
M33	3.5	050591	050607	050614	
M36	4.0	050621	050638	050645	
<b>Metric Fine</b>					
M8	1.0	021652	029450	029467	050874
M10	1.25	021669	013633	021676	025216
M12*	1.5	035789	025056	023229	040806
M12	1.25	029528	025087	035833	071787
M14	1.5	017532	018775	02 6954	040752
M16	1.5	025063	025070	018782	087788
M18	1.5	026961	032177	029474	050881
M20	1.5	026978	029481	032184	036366
M22	1.5	032191	035796	035802	050898
M24	2.0	026985	050652	026992	050904
<b>Metric Conduit</b>					
M16	1.5	025063	025070	018782	087788
M20	1.5	026978	029481	032184	036366
M25	1.5	029498	035819	040240	
M32	1.5	035826	029504	050669	
M40	1.5	420035	420042	420059	
M50	1.5	420066	420073	420080	
<b>Spark Plug</b>					
M10	1.0	029511	032207	023236	089546
M12	1.25	029528	025087	035833	071787
M14	1.25	012377	021683	020105	071794
M18	1.5	026961	032177	029474	050881
<b>UNC</b>					
#5	40	040257	035840	035857	093307

Size	TPI	Taper	Intermediate	Bottoming	Set
#6	32	025094	023243	023250	087795
#8	32	016375	016382	025100	087801
#10	24	020112	017549	017556	071732
#12	24	035864	032214	032221	071749
1/4	20	014555	023267	014562	027135
<b>UNC</b>					
5/16	18	018799	018805	014579	020242
3/8	16	011752	021690	017563	023380
7/16	14	025117	027005	020129	021782
1/2	13	011769	020136	013640	017754
9/16	12	023274	035871	025124	036373
5/8	11	023281	023298	017570	027142
3/4	10	025131	032238	021706	036380
7/8	9	017587	027012	021713	036397
1	8	027029	032245	027036	036403
1-1/8	7	420004	420011	420028	
1-1/4	7	040264	040271	040288	
<b>UNF</b>					
#5	44	032252	050676	035888	093314
#6	40	040295	035895	035901	087818
#8	36	029535	032269	029542	087832
#10	32	020143	020150	023304	087849
#12	28	032276	035918	032283	089553
3/16	32 UNS	017631	017648	011301	087856
1/4	28	016399	017594	016405	018928
5/16	24	017600	025148	016412	036410
3/8	24	013657	018812	010724	020259
7/16	20	013060	018829	015422	021799
1/2	20	017617	015439	023311	029702
9/16	18	015446	023328	025155	023397
5/8	18	018836	029559	018843	027159
3/4	16	023335	029566	023342	036427
7/8	14	018850	016429	029573	032641
1	12	021720	029580	017624	036434
1	14 UNS	032290	040301	032306	087863
1-1/8	12	035925	032313	050683	
1-1/4	12	040318	035932	035949	
<b>BSW</b>					
1/8	40	012384	032320	014586	020266
5/32	32 WHIT	012391	011318	010328	029719
3/16	24	004013	011776	007526	011790
1/4	20	004020	013664	005188	013091
5/16	18	006819	017655	009957	018935
3/8	16	007533	021737	007854	018942
7/16	14	013671	035956	017662	027166
1/2	12	010335	018867	011325	016474
9/16	12	025162	032337	035963	029726
5/8	11	017679	018874	014593	025223
3/4	10	016436	027043	015453	023403
7/8	9	040325	040332	032344	040813
1	8	040349	032351	023359	040820
1-1/8	7	050690	050706	040356	
1-1/4	7	040363	050713	050720	
1-1/2	6	032368	032375	032382	

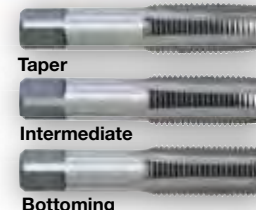




## Threading - Carbon Hand Taps Bulk

**Carbon Taps** - Not suitable for precision, safety or critical threads. General purpose / DIY use only. Straight flutes are designed for tapping into materials where chips break-up readily and present no disposal problems, particularly in through-hole tapping. Straight flute taps are only suitable for hand operations, tapping up to 1-1/2 x D. Set comprises 1 each - Taper, Intermediate and Bottoming

Size	TPI	Taper	Intermediate	Bottoming	Set
<b>BSF</b>					
3/16	32	032399	040370	040387	093246
1/4	26	029597	032405	035970	093253
5/16	22	032412	020167	029603	093260
3/8	20	040394	032429	027050	093277
7/16	18	040400	017686	040417	093284
1/2	16	050737	021744	032436	093291
9/16	16	050744	040424	027067	
5/8	14	040431	035987	027074	
3/4	12	035994	040448	050751	
7/8	11	040455	040462	040479	
1	10	023366	029610	040486	
<b>BA</b>					
0		036007	040493	036014	087887
1		036021	036038	036045	087894
2		023373	029627	025179	087900
3		040509	040516	040523	087917
4		036052	032443	032450	087924
5		040530	032467	036069	087931
6		029634	032474	032481	087948
7		036076	032498	036083	087955
8		020174	036090	017693	087962
9		032504	036106	036113	087979
10		040547	040554	027081	087986
<b>Brass</b>					
1/4	26	036120	036137	032511	093192
5/16	26	029641	040561	040578	093208
3/8	26	036144	032528	036151	093215
7/16	26	032535	040585	036168	093222
1/2	26	032542	040592	032559	093239
9/16	26	029658	036175	032566	
5/8	26	036182	032573	040608	



## Threading - Carbon Pipe Taps

**Carbon Taps** - Not suitable for precision, safety or critical threads. General purpose / DIY use only. Pipe taps are supplied with parallel threads. These taps are shorter than a similar size of regular hand tap, but the design features are the same. They are only suitable for hand operations. Set comprises 1 each - Taper, Intermediate and Bottoming

Size	TPI	Taper	Intermediate	Bottoming	Set
<b>G Series (BSPF)</b>					
1/8	28	009100	010731	012407	086354
1/4	19	014609	011783	010748	086361
3/8	19	013688	018881	015460	086378
1/2	14	020181	014616	015477	086385
5/8	14	036243	040615	032603	087870
3/4	14	020198	021751	017709	086392
7/8	14	050775	050782	040622	
1	11	036250	020204	032610	086408
1-1/4	11	036267	040639	036274	
1-1/2	11	040646	040653	032627	
2	11	040660	036281	036298	
<b>Rc Series (BSPT)</b>					
1/8	28			013077	
1/4	19			017716	
3/8	19			020211	
1/2	14			018898	
3/4	14			032634	
1	11			018904	
1-1/4	11			036304	
1-1/2	11			040677	
2	11			040684	
<b>NPT 15° Chamfer</b>					
1/8	27			017723	
1/4	18			016443	
3/8	18			017730	
1/2	14			027098	
3/4	14			027104	
1	11-1/2			027111	
1-1/4	11-1/2			040691	
1-1/2	11-1/2			050799	
2	11-1/2			036311	
<b>NPS</b>					
1/8	27	050805	040707	040714	
1/4	18	040721	040738	029689	
3/8	18	036328	036335	036342	
1/2	14	050812	050829	050836	



# CUTTING TOOLS



## Carbon Button Dies & Die Nuts

**Button Die** - for cutting new threads.

**Die Nut** - for cleaning and resizing existing damaged threads.

Carbon Alloy Steel threading tools are not suitable for precision, safety or critical thread. General purpose / DIY use only.



Die Button

Die Nut

Size	Pitch	Button Dies 1"	Button Dies 1-1/2"	Button Dies 2"	Die Nut
<b>Metric Iso Coarse</b>					
M2	0.4	025230			
M2.5	0.45	029733			
M3	0.5	018966			
M3.5	0.6	040875			
M4	0.7	016481			
M4.5	0.75	040882			
M5	0.8	007274			017815
M6	1.0	007540			011851
M7	1.0	029740	036458		032740
M8	1.25	007861	011806		009988
M9	1.25	021812			041087
M10	1.5	009971	010755		023526
M11	1.5	032665	036465		
M12	1.75	020273	021829	011813	010762
M14	2.0		040899	040905	029887
M16	2.0			006505	013756
M18	2.5			029757	051086
M20	2.5			012414	021942
M22	2.5			040912	036588
M24	3.0			016498	023533
M27	3.0				041094
M30	3.5				020372
M33	3.5				051093
M36	4.0				041100
<b>Metric Fine</b>					
M8	1.0	023410			029894
M10	1.0	419954			025407
M10	1.25	020280	020297		015521
M12*	1.5	027173	027180	036472	011868
M12	1.25	025247	023427	040929	013763
M14	1.25		081724	081380	
M14	1.5		025254	023434	021959
M16	1.5			013701	029900
M18	1.5			020303	029917
M20	1.5			020310	027272
M22	1.5			081397	
M24	2.0			081403	
<b>Metric Conduit</b>					
M16	1.5			013701	029900
M20	1.5			020310	027272
M25	1.5			040936	
<b>Metric Spark Plug</b>					
M10	1.0				025407
M12	1.25	025247	023427	040929	013763
M14	1.25		081724	081380	
M18	1.5			020303	029917
<b>UNC</b>					
#5	40	027197			
#6	32	016504			
#8	32	018973			
#10	24	025261			
#12	24	025278	02		
1/4	20	021836	025285		025414

Size	TPI	Button Dies 1"	Button Dies 1-1/2"	Button Dies 2"	Die Nut
5/16	18	016511	025292		016597
3/8	16	018980	023458		013770
7/16	14	020327	027203		014692
1/2	13	023441	020334	018997	013138
9/16	12		029764	036489	027289
5/8	11		020341	019000	023540
3/4	10			019017	027296
7/8	9			027210	025421
1	8			025308	027302
1-1/8	7				419978
1-1/4	7				419985
1-1/2	6				419992
<b>UNF</b>					
# 5	44	040943			
# 6	40	040950			
# 8	36	050997			
#10	32	021843			
#12	28	027227			
3/16	32 UNS	015514			016610
1/4	28	014623	020358		016603
5/16	24	010359	014647		012445
3/8	24	016528	017785		011356
7/16	20	014630	019024		011363
1/2	20	021850	013107	017792	011875
9/16	18		025315	025322	020389
5/8	18		013718	009124	010779
3/4	16			006512	010786
7/8	14			013725	021966
1	12			014654	015538
1	14 UNS			025339	019093
1-1/8	12				032757
1-1/4	12				023557
1-3/8	12				036595
1-1/2	12				041117
<b>BSW</b>					
1/8	40	021867			036601
5/32	32 WHIT	021874			029924
3/16	24	029771	019031		021973
1/4	20	014661	013114		023564
5/16	18	012421	013732		025438
3/8	16	021881	011820		009131
7/16	14	040967	032672		025445
1/2	12	021898	019048	005515	013787
9/16	12		029788	032689	032764
5/8	11		029795	013749	021980
3/4	10			013121	021997
7/8	9			025346	032771
1	8			016535	027319
1-1/8	7				041124
1-1/4	7				027326
1-1/2	6				041131
1-3/4	5				051109
2	4-1/2				051116
<b>BSF</b>					
3/16	32	040974			036618
1/4	26	019055	027241		025452
5/16	22	023465	025353		027333
3/8	20	027234	023472		029931
7/16	18	040981	029801		025469
1/2	16		027258	040998	032788
9/16	16			051000	029948





SDN1



Die Button



Die Nut

## Carbon Button Dies & Die Nuts

**Button Die** - for cutting new threads.

**Die Nut** - for cleaning & resizing existing damaged threads.

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Size	TPI	Button Dies 1"	Button Dies 1-1/2"	Button Dies 2"	Die Nut
<b>BSF</b>					
5/8	14			036496	051123
3/4	12			032696	041148
7/8	11			041001	051130
1	10			036502	029955
<b>BA</b>					
0		036519			
1		051017			
2		021904			
3		041018			
4		032702			
5		041025			
6		032719			
7		041032			
8		036526			
9		036533			
10		029818			
<b>NPT</b>					
1/8	27			021935	
1/4	18			016566	
3/8	18			023502	
1/2	14			029856	
3/4	14			029863	
1	11-1/2			419961	
<b>Brass</b>					
1/4	26	041049	029825		
5/16	26	032726	023496		
3/8	26	016542	019062		
7/16	26	023489	036540		
1/2	26		021911	036557	
9/16	26			032733	
5/8	26			025360	
3/4	26			029832	
7/8	26			041056	
1	26			051024	
<b>G Series (BSPT)</b>					
1/8	28			014678	022000
1/4	19			011837	020396
3/8	19			016559	027340
1/2	14			011332	032795
5/8	14			041063	051147
3/4	14			011844	032801
7/8	14			051031	
1	11			051048	029962
<b>Rc Series (BSPT)</b>					
1/8	28			025377	
1/4	19			029849	
3/8	19			025384	
1/2	14			021928	
3/4	14			020365	

Sets	Contents	Pieces	Part No.
<b>SDN 1 M</b>	5 x 0.8, 6 x 1, 8 x 1, 8 x 1.25, 9 x 1.25, 10 x 1, 10 x 1.25, 10 x 1.5, 12 x 1.75, 12 x 1.5, 14 x 1.5, 14 x 2, 16 x 1.5, 16 x 2, 18 x 1.5, 20 x 1.5	16	032832
<b>SDN 2 BSW</b>	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, 7/8, 1	10	051185
<b>SDN 3 UNC</b>	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, 7/8, 1	10	032849
<b>SDN 4 UNF</b>	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, 7/8, 1	10	032856



Screw Extractor

## Threading - Screw Extractors

A broken bolt or screw may be removed from a hole with a Screw Extractor. First, drill a hole in the broken screw or bolt. The correct drill size to use is shown below and is usually stamped on each Screw Extractor. Insert the Screw Extractor in the hole and, with a Tap Wrench, turn counterclockwise. The Screw Extractor acts like a corkscrew. It grips into the sides of the drilled hole and removes the broken part on its own threads without damaging the threaded hole.

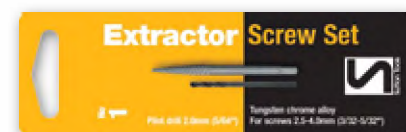
Size	Drill Size	Range mm	Range Inch	Qty (Bulk)	Single Pack Bright	Bulk Bright
# 1	5/64	M2.5 - M4	3/32 - 5/32	10	829663	005737
# 2	7/64	M4 - M5	5/32 - 7/32	10	829670	008226
# 3	5/32	M5 - M7	7/32 - 9/32	5	829687	007038
# 4	7/32	M7 - M10	9/32 - 3/8	5	829694	008233
# 5	19/64	M10 - M20	3/8 - 5/8	5	829700	009148
# 6	27/64	M22 - M25	5/8 - 7/8	1		072227
# 7	17/32	M25 - M39	7/8 - 1-1/8	1		072234
# 8	13/16	M36 - M45	1-1/8 - 1-3/8	1		072241
# 9	1 - 1/16	M45 - M55	1-3/8 - 2-1/8	1		072258



S15A

## Threading - Screw Extractors Sets

Size	Description	Part Number
S15	# 1 - # 5 screw ext.	003191
S15A	# 1 - # 6 screw ext.	004105
S20	# 1 - # 5 screw ext. combination drill set includes: Stub drill 5/64, 7/64, 5/32, 7/32, 19/64	075747



Set 1

## Threading - Screw Extractors and Stub Drill Sets

Size	Description	Part Number
# 1	Complete with 5/64 stub drill	344348
# 2	Complete with 7/64 stub drill	344355
# 3	Complete with 5/32 stub drill	344362
# 4	Complete with 7/32 stub drill	344379
# 5	Complete with 19/64 stub drill	344386



# CUTTING TOOLS

## THREADING



### Threading - Tap Wrenches & Die Holders

**T-Type** - Useful for holding taps, reamers and other small tools to be turned by hand. The T-Type tap wrench has been designed to reach those jobs that are inaccessible with the bar pattern tap wrench.

**T-Type Precision** - The 'Ratchet' style tap wrench offers additional functionality with its adjustable handle and two-way ratchet action.

**Bar Type Tap Wrench** - Constructed to withstand the torque applied during the tapping operation. Features hardened and tempered steel jaws and knurled handles. Incorporates taper screws which allows the user to make minor adjustments to the button die, ensuring accurate thread size.

Size	Range mm	Range Inch	Sutton Tools Boxed	Sutton Tools Single Pack	Frost
<b>T-Type Tap Wrenches</b>					
1/4	M3 - M6	1/8 - 1/4		<b>829618</b>	<b>92200</b>
1/2	M7 - M12	5/16 - 1/2		<b>829625</b>	<b>92201</b>
<b>Precision T-Type Ratchet Tap Wrenches</b>					
SRW-1 1/4	M3 - M6	1/8 - 1/4	<b>006826</b>		
SRW-2 1/2	M6 - M12	1/4 - 1/2	<b>006536</b>		
<b>Bar Type Tap Wrenches</b>					
'00'	M1.5 - M6	1/16 - 1/4		<b>829632</b>	
'0'	M3.5 - M12	1/8 - 1/2		<b>829649</b>	
#5	M5 - M16	3/16 - 5/8	<b>009599</b>		
#6	M6 - M20	1/4 - 3/4	<b>005522</b>		
#7	M8 - M28	5/16 - 1.1/8	<b>009605</b>		
#8	M20 - M38	3/4 - 1.1/2	<b>032863</b>		
<b>Button Die Holders</b>					
1"				<b>829656</b>	<b>92202</b>
1-1/2"			<b>005027</b>		
2"			<b>007892</b>		



Warragul Dies



Warragul Die Set

### Threading - Warragul Dies

- Outside diameter is square
- For cleaning and resizing existing damaged threads

Size	Outside Dimensions	Part Number
<b>Metric Conduit</b>		
16 x 1.5	2-3/8 x 3/4	<b>2662808</b>
20 x 1.5	2-3/8 x 3/4	<b>2662817</b>
25 x 1.5	2-3/8 x 3/4	<b>2662826</b>
32 x 1.5	2-3/8 x 3/4	<b>2662835</b>
<b>RC Series (BSPT)</b>		
1/8 x 28	2-3/8 x 3/4	<b>2671706</b>
1/4 x 19	2-3/8 x 3/4	<b>2671715</b>
3/8 x 19	2-3/8 x 3/4	<b>2671724</b>
1/2 x 14	2-3/8 x 3/4	<b>2671733</b>
3/4 x 14	2-3/8 x 3/4	<b>2671742</b>
1 x 11	2-3/8 x 3/4	<b>2671751</b>
1-1/4 x 11	2-3/8 x 3/4	<b>2671760</b>

### Warragul Die Sets & Guides

- Outside diameter is square
- For cleaning and resizing existing damaged threads

Size	Description	Part Number
<b>Die Sets</b>		
W3R / BSPT	1/2", 3/4", 1" Warragul Ratchet Incl.	<b>3003931</b>
W4AR / BSPT	1/4", 3/8", 1/2", 3/4", 1", 1-1/4 Warragul Ratchet Incl.	<b>3003959</b>
22R Metric Conduit (1.5mm Pitch)	16", 20", 25", 32*mm Warragul Ratchet Incl.	<b>3003904</b>
	*Guides Supplied In These Sizes	
<b>Die Guides</b>		
1/8 BSPT		<b>2672104</b>
1/4		<b>2672113</b>
3/8		<b>2672122</b>
1/2		<b>2672131</b>
3/4		<b>2672159</b>
1		<b>2672168</b>
16mm Conduit		<b>2672202</b>
20mm Conduit		<b>2672211</b>
25mm Conduit		<b>2672220</b>
32mm Conduit		<b>2672239</b>
<b>Ratchet Die Holder</b>		
2-3/8 x 2-3/8 x 3/4		<b>3007757</b>





## Threading - Carbon Steel Tools Sets

**Taps** - Straight flutes are designed for tapping into materials where chips break-up readily and present no disposal problems, particularly in through-hole tapping. Straight flute taps are suitable for both hand and machine operations, tapping up to 1-1/2 x D.

**Die Nut** - for cleaning and resizing existing damaged threads.

Carbon Alloy Steel threading tools are not suitable for precision, safety or critical thread. General purpose / DIY use only.



Set	Contents	Pieces	Part Number
TD10 Metric	2, 2.5, 3, 3.5, 4, 4.5, 5, 6mm ISO Coarse Taper & Bottoming Tap/Button Die For Each Size	26	419558
TD12 Metric	6, 8, 10, 12, 14, 16, 18, 20, 22, 24mm ISO Coarse Taper & Bottoming Tap/Button Die For Each Size	34	027371
TD13 Metric	2, 2.5, 3, 3.5, 4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12mm ISO Coarse Taper & Bottoming Tap/Button Die For Each Size	45	419565
TD14 Metric	6x1.0, 8x1.25, 10x1.25, 10x1.5 12x1.75mm Intermediate Tap/Button Die For Each Size	12	419534
TD0 UNC	1/4, 5/16, 3/8, 7/16, 1/2 Intermediate Tap/Button Die For Each Size	12	419527
TD5 UNC	1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4 Taper & Bottoming Tap/Button Die For Each Size	24	027388
STD8 UNC	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, 7/8, 1 Taper & Bottoming Tap/Button Die For Each Size	34	036632
STD8 UNF	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, 7/8, 1 Taper & Bottoming Tap/Button Die For Each Size	34	051260
TD2A BSW	1/8, 5/32, 3/16, 1/4, 5/16, 3/8 Intermediate Tap/Button Die For Each Size	14	419541



TD10



TD12



TD13



TD14



TD0



TD5



STD8 UNC



STD8



TD2A

Set	Contents	Pieces	Part Number
STD8 BSW	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, 7/8, 1 Taper And Bottoming Tap/Button Die For Each Size	34	036649
SCTD1 UNC/ UNF	UNF 1/4, 5/16, 3/8, 7/16, 1/2, UNF/UNC 9/16, 5/8, 3/4, UNC 1/4, 5/16, 3/8, 7/16, 1/2, Bottoming Tap/ Button Die For Each Size	51	019123
SCTD1 BSW/ Metric Coarse	BSW 1/4, 5/16, 3/8, 7/16, 1/2, BSW/METRIC 9/16, 5/8, 3/4, Metric Coarse 6, 8, 10, 12, 14, 16, 18, 20mm Taper And Bottoming Tap/Button Die For Each Size	51	419572
CTD4 BSW/ UNF	BSW 1/4, 5/16, 3/8, 7/16, 1/2, BSW/UNF 9/16, 5/8, 3/4, UNF 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4 Taper And Bottoming Tap/ Button Die For Each Size	51	419589
SCTD9 Metric	ISO Coarse 6, 7, 8, 10, 12, 14, 16, 18mm ISO Fine 8, 10, 12, 14, 16, 18 14x1.25 Intermediate Tap Only Taper And Bottoming Tap/ Button Die For Each Size	46	027395
CTD10 UNF Metric	UNF 1/4, 5/16, 3/8, 7/16, 1/2 Metric Coarse 6, 7, 8, 10, 12 Taper And Bottoming Tap/Button Die For Each Size	32	419596
CTD11 UNF Metric	UNF 1/4, 5/16, 3/8, 7/16, 1/2 9/16, 5/8, 3/4 Metric Coarse 6, 7, 8, 10, 12, 14, 16, 18mm Taper & Bottoming Tap/Button Die For Each Size	51	419602
<b>SET</b> T&D-1 Metric Inter Taps & Button Dies: Button Dies: Tap Wrench: Die Holders:			
Packaging: Foam 3 x 0.5, 4 x 0.7, 5 x 0.8, 6 x 1, 8 x 1.25, 10 x 1.5, 12 x 1.75 1" OD #0 Bar Wrench 1" Button Die Holder		16	333410



STD8 BSW



SCTD1 UNC/UNF



SCTD1



CTD4



SCTD9



CTD10



CTD11

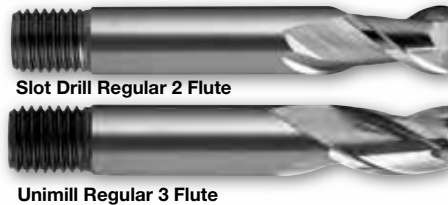


T&D-1



# CUTTING TOOLS

## MILLING



Slot Drill Regular 2 Flute

Unimill Regular 3 Flute



Ballnose Slot Drill Regular 2 Flute

Slot Drill Ballnose 2 Flute

### Milling - Endmills Co HSS Metric Threaded & Plain

**Endmill 2 Flute** - Slot Drills are precision tools suitable for all end mill applications with the additional capability of plunge cutting. A nominal minus diameter tolerance enables accurate slotting and keyway milling.

**Endmill 3 Flute** - Uni Mills are good general purpose tools suitable for profile, cavity and recess milling. The 3 flute Uni Mills will produce a fine smooth finish. Uni Mills are suitable for plunge cutting.

**Endmill Ballnose** - Ballnose Slot Drills are good general purpose tools suitable for all end mill application with the additional capability of plunge cutting. A nominal minus diameter tolerance enables accurate slotting and cavity milling.

**Endmills 4 & 6 Flute** - End Mills are precision tools suitable for plunge cutting, profile, cavity and recess milling. These End Mills will produce a fine smooth finish to very close tolerances.

Size mm	Threaded Shank Bright						Plain Shank	
	2 Flute Regular	2 Flute Long	2 Flute Ballnose Regular	3 Flute Regular	4&6 Flute Regular	4&6 Flute Long	2 Flute Ballnose Long Brt	2 Flute Ballnose Long TiCN
1.5							E113 0150	E114 0150
2	E104 0200	E106 0200					E113 0200	E114 0200
2.5							E113 0250	E114 0250
3	E104 0300	E106 0300	E115 0300	E119 0300	E129 0300	E131 0300	E113 0300	E114 0300
4	E104 0400	E106 0400	E115 0400	E119 0400	E129 0400	E131 0400	E113 0400	E114 0400
4.5								E114 0450
5	E104 0500	E106 0500	E115 0500	E119 0500	E129 0500	E131 0500	E113 0500	E114 0500
5.5								E114 0550
6	E104 0600	E106 0600	E115 0600	E119 0600	E129 0600	E131 0600	E113 0600	E114 0600
6.5								E114 0650
7	E104 0700	E106 0700			E129 0700		E113 0700	E114 0700
7.5								E114 0750
8	E104 0800	E106 0800	E115 0800	E119 0800	E129 0800	E131 0800	E113 0800	E114 0800
8.5								E114 0850
9	E104 0900	E106 0900					E113 0900	E114 0900
9.5								E114 0950
10	E104 1000	E106 1000	E115 1000	E119 1000	E129 1000	E131 1000	E113 1000	E114 1000
11	E104 1100	E106 1100						
12	E104 1200	E106 1200	E115 1200	E119 1200	E129 1200	E131 1200	E113 1200	E114 1200
13	E104 1300	E106 1300						
14	E104 1400	E106 1400	E115 1400	E119 1400	E129 1400	E131 1400	E113 1400	E114 1400
15	E104 1500	E106 1500						
16	E104 1600	E106 1600	E115 1600	E119 1600	E129 1600	E131 1600	E113 1600	E114 1600
17	E104 1700	E106 1700						
18	E104 1800	E106 1800	E115 1800		E129 1800	E131 1800	E113 1800	E114 1800
19	E104 1900	E106 1900						
20	E104 2000	E106 2000	E115 2000	E119 2000	E129 2000	E131 2000	E113 2000	E114 2000
21	E104 2100							
22	E104 2200				E129 2200			
23	E104 2300							
24	E104 2400							
25	E104 2500		E115 2500		E129 2500		E113 2500	E114 2500
28	E104 2800				E129 2800			
30	E104 3000				E129 3000		E113 3000	E114 3000
32	E104 3200				E129 3200			
36	E104 3600				E129 3600			
40	E104 4000				E129 4000			
45	E104 4500				E129 4500			
50	E104 5000				E129 5000			





Slot Drill Regular 2 Flute



Unimill Regular 3 Flute



Ballnose Slot Drill Regular 2 Flute



Slot Drill Ballnose 2 Flute

## Milling - Endmills Co HSS Metric Threaded & Plain

**Endmill 2 Flute** - Slot Drills are precision tools suitable for all end mill applications with the additional capability of plunge cutting. A nominal minus diameter tolerance enables accurate slotting and keyway milling.

**Endmill 3 Flute** - Uni Mills are good general purpose tools suitable for profile, cavity and recess milling. The 3 flute Uni Mills will produce a fine smooth finish. Uni Mills are suitable for plunge cutting.

**Endmill Ballnose** - Ballnose Slot Drills are good general purpose tools suitable for all end mill application with the additional capability of plunge cutting. A nominal minus diameter tolerance enables accurate slotting and cavity milling.

**Endmills 4 & 6 Flute** - End Mills are precision tools suitable for plunge cutting, profile, cavity and recess milling. These End Mills will produce a fine smooth finish to very close tolerances.

Size mm	Threaded Bright								Plain Bright
	2 Flute Regular	2 Flute Long	2 Flute Ballnose Regular	2 Flute Ballnose Long	3 Flute Regular	3 Flute Long	4&6 Flute Regular	4&6 Flute Long	2 Flute Ballnose Long
1/16	E104 0159	E106 0159							
3/32	E104 0238	E106 0238							
1/8	E104 0318	E106 0318	E115 0318	E116 0318	E119 0318	E120 0318	E129 0318	E131 0318	E113 0318
5/32	E104 0397	E106 0397	E115 0397				E129 0397	E131 0397	E113 0397
3/16	E104 0476	E106 0476	E115 0476	E116 0476	E119 0476	E120 0476	E129 0476	E131 0476	E113 0476
7/32	E104 0556	E106 0556					E129 0556	E131 0556	
1/4	E104 0635	E106 0635	E115 0635	E116 0635	E119 0635	E120 0635	E129 0635	E131 0635	E113 0635
9/32	E104 0714	E106 0714					E129 0714	E131 0714	
5/16	E104 0794	E106 0794	E115 0794	E116 0794	E119 0794	E120 0794	E129 0794	E131 0794	E113 0794
11/32	E104 0873						E129 0873		
3/8	E104 0953	E106 0953	E115 0953	E116 0953	E119 0953	E120 0953	E129 0953	E131 0953	E113 0953
13/32							E129 1032		
7/16	E104 1111	E106 1111	E115 1111			E120 1111	E129 1111	E131 1111	
1/2	E104 1270	E106 1270	E115 1270	E116 1270	E119 1270	E120 1270	E129 1270	E131 1270	E113 1270
9/16	E104 1429	E106 1429					E129 1429	E131 1429	
5/8	E104 1588	E106 1588	E115 1588	E116 1588	E119 1588	E120 1588	E129 1588	E131 1588	E113 1588
11/16	E104 1746	E106 1746					E129 1746	E131 1746	
3/4	E104 1905	E106 1905	E115 1905	E116 1905	E119 1905	E120 1905	E129 1905	E131 1905	E113 1905
13/16	E104 2064								
7/8	E104 2223	E106 2223					E129 2223	E131 2223	
15/16	E104 2381								
1	E104 2540	E106 2540	E115 2540	E116 2540	E119 2540	E120 2540	E129 2540	E131 2540	
1-1/16	E104 2699								
1-1/8	E104 2858	E106 2858					E129 2858	E131 2858	
1-1/4	E104 3175	E106 3175	E115 3175			E120 3175	E129 3175	E131 3175	
1-3/8	E104 3493	E106 3493					E129 3493	E131 3493	
1-1/2	E104 3810	E106 3810					E129 3810	E131 3810	
1-5/8	E104 4128								
1-3/4	E104 4445						E129 4445	E131 4445	
2	E104 5080						E129 5080	E131 5080	



SD2M



SD2



EM2M



EM2

## Milling - Endmills - Sets

	Contents	Type	Part Number
SD2M	4, 5, 6, 8, 10, 12mm	2 Flute Endmill Regular Threaded - Metric	E104 SD2M
SD2	1/8, 3/16, 1/4, 5/16, 3/8, 1/2"	2 Flute Endmill Regular Threaded - Imperial	E104 SD2
EM2M	4, 5, 6, 8, 10, 12mm	4 Flute Regular Threaded - Metric	E129 EM2M
EM2	1/8, 3/16, 1/4, 5/16, 3/8, 1/2"	4 Flute Regular Threaded - Imperial	E129 EM2



# CUTTING TOOLS



Stub R30 HSS Co Bright A



Stub R30 HSS Co Bright B



Stub R30 HSS Co TiCN A



Stub R30 HSS Co TiCN B



Regular R30 HSS Co Bright A



Regular R30 HSS Co Bright B



Regular R30 HSS Co TiCN A



Regular R30 HSS Co TiCN B

## Milling - Co HSS Roughing Endmills - Stub HR - Regular HR

- For rough milling applications
- Operates in materials up to 1200 N/mm<sup>2</sup>

Size mm	Stub HR				Regular HR			
	R30 HSS Co Bright Shank A	R30 HSS Co Bright Shank B	R30 HSS Co TiCN Shank A	R30 HSS Co TiCN Shank B	R30 HSS Co Bright Shank A	R30 HSS Co Bright Shank B	R30 HSS Co TiCN Shank A	R30 HSS Co TiCN Shank B
	DIN 327				DIN 844K			
12	E160 1200	E162 1200	E161 1200	E163 1200	E164 1200	E166 1200	E165 1200	E167 1200
16	E160 1600	E162 1600	E161 1600	E163 1600	E164 1600	E166 1600	E165 1600	E167 1600
18					E164 1800		E165 1800	
20	E160 2000	E162 2000	E161 2000	E163 2000	E164 2000	E166 2000	E165 2000	E167 2000
22					E164 2200		E165 2200	
25	E160 2500	E162 2500	E161 2500	E163 2500	E164 2500	E166 2500	E165 2500	E167 2500
30					E164 3000		E165 3000	



Reg R30 HSS Co.8 Bright A



Reg R30 HSS Co.8 Bright B



Reg R30 HSS Co.8 TiCN A



Reg R30 HSS Co.8 TiCN B

## Milling - Co HSS Roughing Endmills - Regular NR

- For rough milling applications
- Operates in materials up to 1000 N/mm

Size mm	Inch	I <sub>1</sub>	I <sub>2</sub>	R30 HSS Co.8 Bright Shank A	R30 HSS Co.8 Bright Shank B	R30 HSS Co.8 TiCN Shank A	R30 HSS Co.8 TiCN Shank B
DIN 844K							
6		57	13	E138 0600	E140 0600	E139 0600	E141 0600
8		69	19	E138 0800	E140 0800	E139 0800	E141 0800
10		72	22	E138 1000	E140 1000	E139 1000	E141 1000
12		83	26	E138 1200	E140 1200	E139 1200	E141 1200
14		83	26	E138 1400		E139 1400	
16		92	32	E138 1600	E140 1600	E139 1600	E141 1600
18		92	32	E138 1800		E139 1800	
20		104	38	E138 2000	E140 2000	E139 2000	E141 2000
22		104	38	E138 2200		E139 2200	
25		121	45	E138 2500	E140 2500	E139 2500	E141 2500
30		121	45	E138 3000		E139 3000	
	1/4	2-19/32	5/8	E138 0635		E139 0635	
	5/16	2-23/32	3/4	E138 0794		E139 0794	
	3/8	2-13/16	7/8	E138 0953		E139 0953	
	1/2	3-1/4	1	E138 1270		E139 1270	
	5/8	3-5/8	1-1/4	E138 1588		E139 1588	
	3/4	4-3/32	1-1/2	E138 1905		E139 1905	
	1	4-3/4	1-3/4	E138 2540		E139 2540	





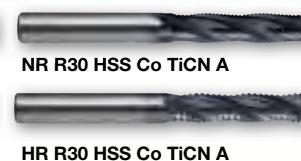
NR R30 HSS Co Bright A

HR R30 HSS Co Bright A



NR R30 HSS Co Bright B

HR R30 HSS Co Bright B



NR R30 HSS Co TiCN A

HR R30 HSS Co TiCN A



NR R30 HSS Co TiCN B

HR R30 HSS Co TiCN B

## Milling - Roughing Endmills - Long NR - Long HR HSS Co

- For long reach rough milling applications
- Operates in materials up to 1200 N/mm<sup>2</sup>

		Endmills Long NR				Endmills Long HR			
Size		R30 HSS Co	R30 HSS Co	R30 HSS Co	R30 HSS Co	R30 HSS Co.8	R30 HSS Co.8	R30 HSS Co.8	R30 HSS Co.8
mm	inch	Bright Shank A	Bright Shank B	TiCN Shank A	TiCN Shank B	Bright Shank A	Bright Shank B	TiCN Shank A	TiCN Shank B
<b>DIN 844K</b>									
6		E146 0600	E148 0600	E147 0600	E149 0600				
8		E146 0800	E148 0800	E147 0800	E149 0800				
10		E146 1000	E148 1000	E147 1000	E149 1000				
12		E146 1200	E148 1200	E147 1200	E149 1200	E172 1200	E174 1200	E173 1200	E175 1200
16		E146 1600	E148 1600	E147 1600	E149 1600	E172 1600	E174 1600	E173 1600	E175 1600
18		E146 1800		E147 1800		E172 1800		E173 1800	
20		E146 2000	E148 2000	E147 2000	E149 2000	E172 2000	E174 2000	E173 2000	E175 2000
22		E146 2200		E147 2200		E172 2200		E173 2200	
25		E146 2500	E148 2500	E147 2500	E149 2500	E172 2500	E174 2500	E173 2500	E175 2500
30		E146 3000	E148 3000	E147 3000		E172 3000		E173 3000	
	1/2	E146 1270		E147 1270					
	5/8	E146 1588		E147 1588					
	3/4	E146 1905		E147 1905					
	1	E146 2540		E147 2540					
	1-1/4	E146 3175		E147 3175					
	1-1/2	E146 3810		E147 3810					
<b>DIN 844L</b>									



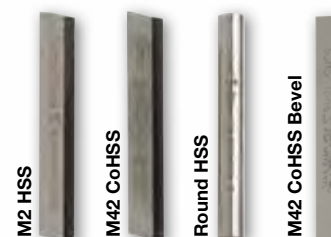
Woodruff Cutter HSS

## Milling - Woodruff Cutter

- For cutting key seats to suit standard imperial woodruff keys

BS Cutter & Key #	Size Ø	Shank Ø	Part Number
204	1/2	1/2	E178 0204
304	1/2	1/2	E178 0304
305	5/8	1/2	E178 0305
404	1/2	1/2	E178 0404
405	5/8	1/2	E178 0405
406	3/4	1/2	E178 0406
505	5/8	1/2	E178 0505
506	3/4	1/2	E178 0506
507	7/8	1/2	E178 0507
606	3/4	1/2	E178 0606
607	7/8	1/2	E178 0607
608	1	1/2	E178 0608
609	1-1/8	1/2	E178 0609
807	7/8	1/2	E178 0807
808	1	1/2	E178 0808
809	1-1/8	1/2	E178 0809
810	1-1/4	1/2	E178 0810
812	1-1/2	1/2	E178 0812
1008	1	1/2	E178 1008
1009	1-1/8	1/2	E178 1009
1010	1-1/4	1/2	E178 1010
1011	1-3/8	1/2	E178 1011
1012	1-1/2	1/2	E178 1012
1210	1-1/4	1/2	E178 1210
1211	1-3/8	1/2	E178 1211
1212	1-1/2	1/2	E178 1212

## TOOL BITS



## Hand Tools - Tool Bits

- M2 HSS** - Recommended for turning or machining of low-alloy and free-machining steels
- M42 CoHSS** - Can withstand high cutting speeds
- Especially suited to production turning of high alloy steels

Size	Length	M2 HSS Square	M42 CoHSS Square	M2 HSS Round	M42 CoHSS Bevel
3/32	3			M300 0233	
1/8	3			M300 0313	
5/32	3			M300 0393	
3/16	2-1/2	M301 0472	M302 0472		
3/16	3		M302 0473		
3/16	4			M300 0474	
1/4	3		M302 0633		
3/8	3	M301 0953	M302 0953		
3/8	4		M302 0954	M300 0954	
3/8	6		M302 0956		
7/16	4			M300 1114	
1/2	4	M301 1274	M302 1274	M300 1274	
1/2	3/32 x 4-1/2				M304 1274
1/2	6		M302 1276		
5/8	4-1/2	M301 1584	M302 1584		
5/8	3/32 x 5				M304 1584
3/4	5		M302 1905		
3/4	1/8 x 6				M304 1906
7/8	1/8 x 7				M304 2227
1	3/16 x 8				M304 2548
1	7		M302 2547		





## High Performance Endmills... DIN Standard



### 2 Flute Endmills - Regular UNI



- For precision milling of slots and cavities
- Operates in materials up to 1400 N/mm<sup>2</sup>
- TiAlN for various materials as well as abrasive and difficult materials, offering longer wear life
- SPM tool material offers higher edge hardness

### 2 Flute Endmills - Regular CU



- For precision milling of slots and cavities
- Optimized for Copper and Copper Alloys

### 3 Flute Endmills - W



- Universal use for long reach slotting and finishing applications with one tool
  - Bright for non ferrous materials
  - TiAlN for soft steels
- Optimized geometry
- SPM tool material offers higher edge hardness

### Endmills - HR



- For Milling applications
- Optimised for harder, short chipping materials up to 1400 N/mm<sup>2</sup>
- SPM tool material offers higher edge hardness

### 2 Flute Endmills - Regular Al



- For precision milling of slots & cavities
- Optimized for Wrought Aluminium Alloys
  - Bright for Unalloyed Aluminiums and Al Si ≤0.5%

### 2 Flute Ballnose Endmills - UNI



- For profile and contour milling applications
- Operates in materials up to 1400 N/mm<sup>2</sup>
  - TiAlN for various materials as well as abrasive and difficult materials offering longer wear life
- SPM tool material offers higher edges hardness

### 4 Flute - Harmony



- Chatter free milling - Unequal flute index
- Operates in materials up to 1400 N/mm<sup>2</sup>
  - Bright for non ferrous materials
  - TiAlN for various materials as well as abrasive and difficult materials offering longer wear life
- SPM tool material offers higher edge hardness

### 4 Flute - Regular VA



- Optimized geometry for Austenitic stainless steels & other long chipping materials up to 1000 N/mm<sup>2</sup>
- SPM tool material offers higher edge hardness





R30 UNI TiAIN

R45 W TiAIN



R40 AI Bright

R40 W TiAIN



R40 CU

R30/32 TiAIN



R30 UNI Stub

R30/32 TiAIN Long

R50 VA TiAIN

## Milling - Endmills - Roughing Endmills

**UNI** - Green band, universal use for a wide range of materials, preferred application 1000 N/mm<sup>2</sup>, AISi alloys

**VA** - Blue band, use in stainless steels up to 1000 N/mm<sup>2</sup>

**W** - Yellow band, use in soft materials, free cutting steels, AISi alloys

**CU** - Orange band, use in copper alloys

**AI** - Black band, use in wrought Al alloys, pure copper and thermo plastics

Size mm	2 Flute Endmills Stub R30 Uni TiAIN	2 Flute Endmills Regular R40 AI BRT	2 Flute Endmills Regular R40 CU	2 Flute Endmills Ballnose Stub R30 Uni TiAIN	3 Flute Endmill Regular R45 W TiAIN	3 Flute Endmill Long R40 W TiAIN	4 Flute Regular Harmony R30/32 TiAIN	4 Flute Long Harmony R30/32 TiAIN	4 Flute Regular R50 VA TiAIN
	DIN 327	DIN 844K	DIN 844K	DIN 327	DIN 844K	DIN 844L	DIN 844K	DIN 844L	DIN 844K
2	E109 0200			E118 0200					
3	E109 0300	E110 0300	E112 0300	E118 0300	E122 0300		E134 0300		
4	E109 0400	E110 0400	E112 0400	E118 0400	E122 0400		E134 0400		
5	E109 0500	E110 0500	E112 0500	E118 0500	E122 0500		E134 0500		
6	E109 0600	E110 0600	E112 0600	E118 0600	E122 0600	E124 0600	E134 0600	E136 0600	E137 0600
8	E109 0800	E110 0800	E112 0800	E118 0800	E122 0800	E124 0800	E134 0800	E136 0800	E137 0800
10	E109 1000	E110 1000	E112 1000	E118 1000	E122 1000	E124 1000	E134 1000	E136 1000	E137 1000
12	E109 1200	E110 1200	E112 1200	E118 1200	E122 1200	E124 1200	E134 1200	E136 1200	E137 1200
14							E134 1400	E136 1400	E137 1400
16	E109 1600	E110 1600		E118 1600	E122 1600	E124 1600	E134 1600	E136 1600	E137 1600
18	E109 1800						E134 1800	E136 1800	E137 1800
20	E109 2000	E110 2000		E118 2000	E122 2000	E124 2000	E134 2000	E136 2000	E137 2000
22	E109 2200								
25	E109 2500						E134 2500		



R30 UNI TiAIN

R55 VA TiAIN



R45 UNI TiAIN

R30 Ti TiAIN



R35 WR Bright

R30 HR TiAIN



R35 WR Bright Long

R30 HR TiAIN Long

## Milling - Roughing Endmills

- For rough milling application
- Special cutting profiles produces small chips preventing chip clogging and allowing heavier cuts than conventional endmills

Size mm	Roughing Endmills							
	Regular NR R30 UNI TiAIN	Regular HRS R45 UNI TiAIN	Regular R35 WR Bright	Long R35 WR Bright	Regular R55 VA TiAIN	Regular R30 Ti TiAIN	Regular R30 HR TiAIN	Long R30 HR TiAIN
	DIN 844K	DIN 844K	DIN 844K	DIN 844L	DIN 844K	DIN 844K	DIN 844K	DIN 844L
4		E151 0400			E157 0400			
5		E151 0500			E157 0500			
6	E150 0600	E151 0600	E152 0600	E154 0600	E157 0600			
7		E151 0700						
8	E150 0800	E151 0800	E152 0800		E157 0800			
9		E151 0900						
10	E150 1000	E151 1000	E152 1000	E154 1000	E157 1000	E159 1000		
12	E150 1200	E151 1200	E152 1200	E154 1200	E157 1200	E159 1200	E176 1200	E177 1200
14		E151 1400	E152 1400					
16	E150 1600	E151 1600	E152 1600	E154 1600	E157 1600	E159 1600	E176 1600	E177 1600
18		E151 1800	E152 1800	E154 1800				
20	E150 2000	E151 2000	E152 2000	E154 2000	E157 2000	E159 2000	E176 2000	E177 2000
25	E150 2500	E151 2500	E152 2500	E154 2500			E176 2500	E177 2500



# CUTTING TOOLS



R30 Bright Slot Drill



R30 Bright Endmill Long



R30 Bright Ballnose Regular



R50 Rocket Mill TiAlN



R30 Bright Ballnose 4 flute



R45 Semi Finishing TiAlN



R30 Bright Endmill Regular



R45 Roughing TiAlN

## Milling - Carbide Endmills

**Slot Drills** - For short rigid milling slots and cavities

**Ballnose** - For profile and contour milling

**Endmills** - For finishing applications

**Semi Rougher** - Universal use for finishing and semi roughing applications

**Bright** - General purpose

**TiAlN** - superior tool life

**Rougher** - For Heavy Cuts

ENDMILLS METRIC								
Size mm	Regular 2 Flute R30 Bright	Ballnose 2 Flute R30 Bright	Ballnose 4 Flute R30 Bright	4 Flute R30 Bright	Long 4 Flute R30 Bright	Carbide Rocket Mill R50 TiAlN	Semi Finishing STF R45 TiAlN	Roughing HRS R45 TiAlN
							DIN 6527	DIN 6527
1	E304 0100	E311 0100	E316 0100	E333 0100				
1.5	E304 0150	E311 0150	E316 0150	E333 0150				
2	E304 0200	E311 0200	E316 0200	E333 0200				
2.5	E304 0250	E311 0250	E316 0250	E333 0250				
3	E304 0300	E311 0300	E316 0300	E333 0300	E337 0300	E345 0300		
3.5	E304 0350	E311 0350	E316 0350	E333 0350				
4	E304 0400	E311 0400	E316 0400	E333 0400	E337 0400	E345 0400	E346 0400	E347 0400
4.5	E304 0450	E311 0450	E316 0450	E333 0450				
5	E304 0500	E311 0500	E316 0500	E333 0500	E337 0500	E345 0500	E346 0500	E347 0500
6	E304 0600	E311 0600	E316 0600	E333 0600	E337 0600	E345 0600	E346 0600	E347 0600
7	E304 0700			E333 0700				
8	E304 0800	E311 0800	E316 0800	E333 0800	E337 0800	E345 0800	E346 0800	E347 0800
9	E304 0900			E333 0900				
10	E304 1000	E311 1000	E316 1000	E333 1000	E337 1000	E345 1000	E346 1000	E347 1000
11	E304 1100			E333 1100				
12	E304 1200	E311 1200	E316 1200	E333 1200	E337 1200	E345 1200	E346 1200	E347 1200
14	E304 1400	E311 1400	E316 1400	E333 1400	E337 1400			
16	E304 1600	E311 1600	E316 1600	E333 1600	E337 1600	E345 1600	E346 1600	E347 1600
18	E304 1800		E316 1800	E333 1800	E337 1800			
20	E304 2000	E311 2000	E316 2000	E333 2000	E337 2000	E345 2000	E346 2000	E347 2000
22	E304 2200	E311 2200		E333 2200				
25	E304 2500	E311 2500	E316 2500	E333 2500				

ENDMILLS IMPERIAL					
Size Inch	Regular 2 Flute Bright	Ballnose 2 Flute Bright	Ballnose 4 Flute Bright	Regular 4 Flute Bright	Long 4 Flute Bright
1/16	E304 0159	E311 0159	E316 0159	E333 0159	
3/32	E304 0238	E311 0238	E316 0238	E333 0238	
1/8	E304 0318	E311 0318	E316 0318	E333 0318	E337 0318
5/32	E304 0397	E311 0397	E316 0397	E333 0397	
3/16	E304 0476	E311 0476	E316 0476	E333 0476	
7/32	E304 0556			E333 0556	
1/4	E304 0635	E311 0635	E316 0635	E333 0635	E337 0635
5/16	E304 0794	E311 0794	E316 0794	E333 0794	E337 0794
3/8	E304 0953	E311 0953	E316 0953	E333 0953	E337 0953
7/16	E304 1111	E311 1111	E316 1111	E333 1111	
1/2	E304 1270	E311 1270	E316 1270	E333 1270	E337 1270
5/8	E304 1588	E311 1588	E316 1588	E333 1588	E337 1588
3/4	E304 1905	E311 1905	E316 1905	E333 1905	E337 1905
7/8	E304 2223			E333 2223	
1	E304 2540			E333 2540	





Corner Radius Endmill

## Milling - Endmills Carbide Corner Radius - AlCrN

- For finishing applications
- Ideally suited to materials up to 1300 N/mm<sup>2</sup>
- Excellent resistance to abrasion
- Superior tool life

Size	OA Length	Radius	Part Number
3	40	0.3	E348 0303
	40	0.5	E348 0305
4	50	0.3	E348 0403
	50	0.5	E348 0405
	50	1.0	E348 0410
5	50	0.3	E348 0503
	50	0.5	E348 0505
	50	1.0	E348 0510
6	60	0.3	E348 0603
	60	0.5	E348 0605
	60	1.0	E348 0610
8	64	0.3	E348 0803
	64	0.5	E348 0805
	64	1.0	E348 0810
	64	1.5	E348 0815
10	64	2.0	E348 0820
	70	0.3	E348 1003
	70	0.5	E348 1005
	70	1.0	E348 1010

Size	OA Length	Radius	Part Number
12	70	1.5	E348 1015
	70	2.0	E348 1020
	75	0.3	E348 1203
	75	0.5	E348 1205
16	75	1.0	E348 1210
	75	1.5	E348 1215
	75	2.0	E348 1220
	75	3.0	E348 1230
20	90	0.5	E348 1605
	90	1.0	E348 1610
	90	1.5	E348 1615
	90	2.0	E348 1620
20	90	3.0	E348 1630
	100	0.5	E348 2005
	100	1.0	E348 2010
	100	1.5	E348 2015
	100	2.0	E348 2020
20	100	3.0	E348 2030



## the complete service...

### Regrinding Service - Reduce Your Production Costs

Sutton regrinding service returns tools to 'as new' condition. We regrind HSS Powdered Metallurgy and grades of Solid Carbide, complemented by TiN, Futura Nano, TiCN, and Alcrona as well as other fifth generation thin film coatings. Our regrinding service will significantly reduce your tooling costs over buying new tools.

### Sutton Tools Recoating Service

We are Australia's only company providing a combined regrind, coating, nitriding and heat treatment service to industry with ultra-hard thin film coatings based on physical vapour deposition (PVD) technology. Using world-leading technology, coatings are available to solve a wide range of problems relating to friction and wear, thereby improving tool performance and increasing tool life, up to 300-1000% compared to uncoated.



drills -  
regrind & recoat



endmills -  
regrind & recoat



miscellaneous -  
regrind & recoat



# CUTTING TOOLS

## REAMING



Machine Reamer



Hand Reamer



Chucking Reamer

### Reamers - Machine - Hand - Chucking

**Machine** - Produces clean, accurate holes, to a H7 plus tolerance

**Hand** - For use by hand with suitable wrench

**Chucking** - Suitable for toolrooms and workshop use

mm	inch	Machine	Hand	Chucking
2.00				R102 0200
2.50				R102 0250
3.00			R100 0300	R102 0300
3.17	1/8		R100 0318	R102 0318
3.50			R100 0350	R102 0350
3.57	9/64		R100 0357	R102 0357
3.97	5/32		R100 0397	R102 0397
4.00			R100 0400	R102 0400
4.36	11/64		R100 0437	R102 0437
4.50			R100 0450	R102 0450
4.76	3/16		R100 0476	R102 0476
5.00			R100 0500	R102 0500
5.16	13/64		R100 0516	R102 0516
5.50			R100 0550	R102 0550
5.56	7/32		R100 0556	R102 0556
5.95	15/64		R100 0595	R102 0595
6.00		R101 0600	R100 0600	R102 0600
6.35	1/4	R101 0635	R100 0635	R102 0635
6.50		R101 0650	R100 0650	R102 0650
6.75	17/64	R101 0675	R100 0675	
7.00		R101 0700	R100 0700	R102 0700
7.14	9/32	R101 0714	R100 0714	
7.50		R101 0750	R100 0750	R102 0750
7.54	19/64	R101 0754	R100 0754	
7.94	5/16	R101 0794	R100 0794	R102 0794
8.00		R101 0800	R100 0800	R102 0800
8.33	21/64	R101 0833	R100 0833	
8.50		R101 0850	R100 0850	R102 0850
8.73	11/32	R101 0873	R100 0873	
9.00		R101 0900	R100 0900	R102 0900
9.13	23/64	R101 0913	R100 0913	
9.50		R101 0950	R100 0950	R102 0950
9.52	3/8	R101 0953	R100 0953	R102 0953
9.92	25/64	R101 0992	R100 0992	
10.00		R101 1000	R100 1000	R102 1000
10.32	13/32	R101 1032	R100 1032	
10.50		R101 1050	R100 1050	R102 1050
10.71	27/64	R101 1072		
11.00		R101 1100	R100 1100	R102 1100
11.11	7/16	R101 1111	R100 1111	R102 1111
11.50		R101 1150	R100 1150	R102 1150
11.51	29/64	R101 1151	R100 1151	
11.91	15/32	R101 1191	R100 1191	

mm	inch	Machine	Hand	Chucking
12.00		R101 1200	R100 1200	R102 1200
12.30	31/64	R101 1230	R100 1230	
12.50		R101 1250	R100 1250	R102 1250
12.70	1/2	R101 1270	R100 1270	R102 1270
13.00		R101 1300	R100 1300	R102 1300
13.10	33/64	R101 1310	R100 1310	
13.49	17/32	R101 1349	R100 1349	
13.50		R101 1350	R100 1350	R102 1350
13.89	35/64	R101 1389	R100 1389	
14.00		R101 1400	R100 1400	R102 1400
14.29	9/16	R101 1429	R100 1429	R102 1429
14.50		R101 1450	R100 1450	R102 1450
14.68	37/64	R101 1468	R100 1468	
15.00		R101 1500	R100 1500	R102 1500
15.08	19/32	R101 1508	R100 1508	
15.50		R101 1550		R102 1550
15.48	39/64	R101 1548	R100 1548	
15.87	5/8	R101 1588	R100 1588	R102 1588
16.00		R101 1600	R100 1600	R102 1600
16.27	41/64	R101 1627	R100 1627	
16.50		R101 1650		
16.67	21/32	R101 1667	R100 1667	
17.00		R101 1700	R100 1700	
17.06	43/64	R101 1707	R100 1707	
17.46	11/16	R101 1746	R100 1746	
17.50		R101 1750		
17.86	45/64	R101 1786		
18.00		R101 1800	R100 1800	
18.26	23/32	R101 1826	R100 1826	
18.50		R101 1850		
19.00		R101 1900	R100 1900	
19.05	3/4	R101 1905	R100 1905	
19.50		R101 1950		
19.84	25/32		R100 1984	
20.00		R101 2000	R100 2000	
20.50		R101 2050		
20.64	13/16	R101 2064	R100 2064	
21.00		R101 2100	R100 2100	
21.43	27/32	R101 2143	R100 2143	
21.50		R101 2150		
22.00		R101 2200	R100 2200	
22.22	7/8	R101 2223	R100 2223	
22.50		R101 2250		

mm	inch	Machine	Hand	Chucking
23.00		R101 2300	R100 2300	
23.02	29/32	R101 2302	R100 2302	
23.50		R101 2350		
23.81	15/16	R101 2381	R100 2381	
24.00		R101 2400	R100 2400	
24.50		R101 2450		
24.61	31/32	R101 2461	R100 2461	
25.00		R101 2500	R100 2500	
25.40	1	R101 2540	R100 2540	
25.50		R101 2550		
26.00		R101 2600		
26.50		R101 2650		
26.99	1-1/16	R101 2699		
27.00		R101 2700		
27.50		R101 2750		
28.00		R101 2800		
28.50		R101 2850		
28.57	1-1/8	R101 2858		
29.00		R101 2900		
29.50		R101 2950		
30.00		R101 3000		
30.16	1-3/16	R101 3016		
30.50		R101 3050		
31.00		R101 3100		
31.50		R101 3150		
31.75	1-1/4	R101 3175		
32.00		R101 3200		
33.00		R101 3300		
33.34	1-5/16	R101 3334		
34.00		R101 3400		
34.92	1-3/8	R101 3493		
35.00		R101 3500		
36.00		R101 3600		
36.51	1-7/16	R101 3651		
37.00		R101 3700		
38.00		R101 3800		
38.10	1-1/2	R101 3810		
39.00		R101 3900		
40.00		R101 4000		
41.27	1-5/8	R101 4128		
44.45	1-3/4	R101 4445		
47.62	1-7/8	R101 4763		
50.80	2	R101 5080		





Bridge

## Reamers - Bridge

- Machine use
- For opening out existing holes
- Ideal for alignment in fabrication and construction work

Size	Morse Taper	Bridge Reamers General Purpose Brt
7/16	2	R104 1111
1/2	2	R104 1270
9/16	2	R104 1429
5/8	2	R104 1588
11/16	3	R104 1746
3/4	3	R104 1905
13/16	3	R104 2064
7/8	3	R104 2223
15/16	3	R104 2381
1	3	R104 2540
1-1/16	3	R104 2699
1-1/8	3	R104 2858
1-3/16	3	R104 3016
1-1/4	4	R104 3175



Morse Taper Socket

## Reamers - Morse Taper Socket

- For use by hand with suitable wrench
- Suitable for tool rooms and workshop use
- Rougher, opens out existing parallel holes
- Finishing, to be used after rougher for final sizing

MT#	Morse Taper Socket Finishing Bright	Morse Taper Socket Roughing Bright
0	R107 0000	R106 0000
1	R107 0001	R106 0001
2	R107 0002	R106 0002
3	R107 0003	R106 0003
4	R107 0004	R106 0004
5	R107 0005	R106 0005



Taper Pin

## Reamers - Taper Pin

- For use by hand with suitable wrench
- For opening out parallel holes to suit 1:48 taper pins

BS Size	# Series	Description	Taper Pin General Purpose Brt
3/32	5/0	Taper Pin	R105 0238
7/64	4/0	Taper Pin	R105 0278
1/8	3/0	Taper Pin	R105 0318
9/64	2/0	Taper Pin	R105 0357
5/32	0	Taper Pin	R105 0397
11/64	1	Taper Pin	R105 0437
3/16	2	Taper Pin	R105 0476
7/32	3	Taper Pin	R105 0556
1/4	4	Taper Pin	R105 0635
9/32	5	Taper Pin	R105 0714
11/32	6	Taper Pin	R105 0873
13/32	7	Taper Pin	R105 1032
1/2	8	Taper Pin	R105 1270
9/16	9	Taper Pin	R105 1429
3/4	10	Taper Pin	R105 1905
7/8	11	Taper Pin	R105 2223



Taper Pipe

## Reamers - Taper Pipe

- For use by hand with suitable wrench
- Suitable for tool rooms & workshop use
- Used prior to tapping tapered thread forms (BSPT, NPT)
- Prolongs tap life, especially in tough materials

Size	Inch	Description	Tapered Pipe Brt
1/8	.316	Taper Pipe	R108 0803
1/4	.406	Taper Pipe	R108 1031
3/8	.540	Taper Pipe	R108 1372
1/2	.665	Taper Pipe	R108 1689
3/4	.876	Taper Pipe	R108 2225
1	1.103	Taper Pipe	R108 2802
1-1/4	1.444	Taper Pipe	R108 3668
1-1/2	1.684	Taper Pipe	R108 4277
2	2.159	Taper Pipe	R108 5484



# CUTTING TOOLS



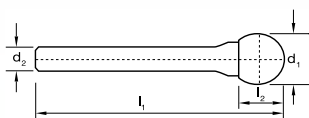
## Reamers - Adjustable

- For use by hand with suitable wrench
- General purpose
- Adjustable size range
- TCA (Tungsten Chrome Alloy)

Size	Range (mm)	Range (inch)			Reamer General Purpose Brt	Blade Sets Brt	Pilots Brt	Nuts Brt
MA8	6.35 - 7.15	1/4 - 9/32			R109 0635			
MA7	7.15 - 7.95	9/32 - 5/16			R109 0715			
MA6	7.95 - 8.70	5/16 - 11/32			R109 0795			
MA5	8.70 - 9.50	11/32 - 3/8			R109 0870			
MA4	9.50 - 10.25	3/8 - 13/32			R109 0950			
MA3	10.25 - 11.00	13/32 - 7/16			R109 1025			
MA2	11.00 - 12.00	7/16 - 15/32			R109 1100			
MA	12.00 - 13.50	15/32 - 17/32			R109 1200	R110 1200	R111 1200	R112 1200
MB	13.50 - 15.00	17/32 - 19/32			R109 1350	R110 1350	R111 1350	R112 1350
MC	15.00 - 16.75	19/32 - 21/32			R109 1500	R110 1500	R111 1500	R112 1500
MD	16.75 - 18.25	21/32 - 23/32			R109 1675	R110 1675	R111 1675	R112 1675
ME	18.25 - 19.75	23/32 - 25/32			R109 1825	R110 1825	R111 1825	R112 1825
MF	19.75 - 21.50	25/32 - 27/32			R109 1975	R110 1975	R111 1975	R112 1975
MG	21.50 - 23.75	27/32 - 15/16			R109 2150	R110 2150	R111 2150	R112 2150
MH	23.75 - 27.00	15/16 - 1-1/16			R109 2375	R110 2375	R111 2375	R112 2375
MI	27.00 - 30.25	1-1/16 - 1-3/16			R109 2700	R110 2700	R111 2700	R112 2700
MJ	30.25 - 34.25	1-3/16 - 1-11/32			R109 3025	R110 3025	R111 3025	R112 3025
MK	34.25 - 38.00	1-11/32 - 1-1/2			R109 3425	R110 3425	R111 3425	R112 3425
ML	38.00 - 46.00	1-1/2 - 1-13/16			R109 3800	R110 3800	R111 3800	R112 3800
MM	46.00 - 56.00	1-13/16 - 2-7/32			R109 4600	R110 4600		R112 4600
MN	56.00 - 69.75	2-7/32 - 2-3/4			R109 5600	R110 5600		R112 5600
MO	69.75 - 85.00	2-3/4 - 3-11/32			R109 6975	R110 6975		R112 6975
Adjustable Reamer Set - Metal Case			Pieces					
M1	MA4 to ME (Reamers Only)		8			R109 M1		
M2P	MA to MH (Reamers & Pilots)		16			R109 M2P		
M3	MA4 to MH (Reamers Only)		11			R109 M3		
M6	MA8 to MK (Reamers Only)		18			R109 M6		
M8	MA to MI (Reamers Only)		9			R109 M8		
Adjustable Reamer Pilot Set								
MA1	MA to MI (Pilots Only)		9				R111 MA1	



## BURRS - CARBIDE



### Burring - Carbide Burs

**Double Cut Burs** - The double cut bur allows for rapid stock removal in the harder materials. The chisel tooth pattern not only minimises tool chatter but reduces the chip to a granular shape in most materials.



Cylindrical Square End - End cutting					
Code	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Part Number
SA 410	1/16	1-1/2	1/4	1/8	<b>B200 SA410</b>
SA 420	3/32	1-1/2	7/16	1/8	<b>B200 SA420</b>
SA 430	1/8	1-1/2	9/16	1/8	<b>B200 SA430</b>
SA 510	1/4	2	3/16	1/8	<b>B200 SA510</b>
SA 140	3/16	2	5/8	1/4	<b>B200 SA140</b>
SA 100	1/4	2	5/8	1/4	<b>B200 SA100</b>
SA 200	5/16	2-1/2	3/4	1/4	<b>B200 SA200</b>
SA 300	3/8	2-1/2	3/4	1/4	<b>B200 SA300</b>
SA 400	7/16	2-3/4	1	1/4	<b>B200 SA400</b>
SA 500	1/2	2-3/4	1	1/4	<b>B200 SA500</b>
SA 600	5/8	2-3/4	1	1/4	<b>B200 SA600</b>
SA 700	3/4	2-3/4	1	1/4	<b>B200 SA700</b>
SA 900	1	2-3/4	1	1/4	<b>B200 SA900</b>

Cylindrical Radius End					
Code	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Part Number
SC 410	3/32	1-1/2	1/2	1/8	<b>B201 SC410</b>
SC 420	1/8	1-1/2	1/2	1/8	<b>B201 SC420</b>
SC 510	1/4	2	1/2	1/8	<b>B201 SC510</b>
SC 120	1/8	2	1/2	1/4	<b>B201 SC120</b>
SC 140	3/16	2	5/8	1/4	<b>B201 SC140</b>
SC 100	1/4	2	5/8	1/4	<b>B201 SC100</b>
SC 200	5/16	2-1/2	3/4	1/4	<b>B201 SC200</b>
SC 300	3/8	2-1/2	3/4	1/4	<b>B201 SC300</b>
SC 400	7/16	2-3/4	1	1/4	<b>B201 SC400</b>
SC 500	1/2	2-3/4	1	1/4	<b>B201 SC500</b>
SC 600	5/8	2-3/4	1	1/4	<b>B201 SC600</b>
SC 700	3/4	2-3/4	1	1/4	<b>B201 SC700</b>

Ball Shape				
Code	d <sub>1</sub>	l <sub>1</sub>	d <sub>2</sub>	Part Number
SD 410	3/32	1-1/2	1/8	<b>B202 SD410</b>
SD 420	1/8	1-1/2	1/8	<b>B202 SD420</b>
SD 510	1/4	1-3/4	1/8	<b>B202 SD510</b>
SD 110	1/8	2	1/4	<b>B202 SD110</b>
SD 140	3/16	2	1/4	<b>B202 SD140</b>
SD 100	1/4	2	1/4	<b>B202 SD100</b>
SD 200	5/16	2-1/16	1/4	<b>B202 SD200</b>
SD 300	3/8	2-1/16	1/4	<b>B202 SD300</b>
SD 400	7/16	2-1/8	1/4	<b>B202 SD400</b>
SD 500	1/2	2-3/16	1/4	<b>B202 SD500</b>
SD 600	5/8	2-5/16	1/4	<b>B202 SD600</b>
SD 700	3/4	2-7/16	1/4	<b>B202 SD700</b>
SD 900	1	2-3/4	1/4	<b>B202 SD900</b>

Oval Shape					
Code	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Part Number
SE 410	1/8	1-1/2	7/32	1/8	<b>B203 SE410</b>
SE 510	1/4	2-1/8	3/8	1/8	<b>B203 SE510</b>
SE 100	1/4	2	3/8	1/4	<b>B203 SE100</b>
SE 300	3/8	2-11/32	19/32	1/4	<b>B203 SE300</b>
SE 500	1/2	2-5/8	7/8	1/4	<b>B203 SE500</b>
SE 600	5/8	2-3/4	1	1/4	<b>B203 SE600</b>
SE 700	3/4	2-3/4	1	1/4	<b>B203 SE700</b>

Tree Shape - Radius End					
Code	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Part Number
SF 410	1/8	1-1/2	1/4	1/8	<b>B204 SF410</b>
SF 420	1/8	1-1/2	1/2	1/8	<b>B204 SF420</b>
SF 510	1/4	2	1/2	1/8	<b>B204 SF510</b>
SF 100	1/4	2	5/8	1/4	<b>B204 SF100</b>
SF 300	3/8	2-1/2	3/4	1/4	<b>B204 SF300</b>
SF 400	7/16	2-3/4	1	1/4	<b>B204 SF400</b>
SF 500	1/2	2-3/4	1	1/4	<b>B204 SF500</b>
SF 600	5/8	2-3/4	1	1/4	<b>B204 SF600</b>
SF 700	3/4	2-3/4	1	1/4	<b>B204 SF700</b>
SF 140	3/4	2-3/4	1-1/4	1/4	<b>B204 SF140</b>
SF 150	3/4	3-1/4	1-1/2	1/4	<b>B204 SF150</b>

Tree Shape - Pointed End					
Code	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Part Number
SG 410	1/8	1-1/2	1/4	1/8	<b>B205 SG410</b>
SG 430	1/8	1-1/2	3/8	1/8	<b>B205 SG430</b>
SG 510*	1/4	2	1/2	1/8	<b>B205 SG510</b>
SG 100	1/4	2	5/8	1/4	<b>B205 SG100</b>
SG 200	5/16	2-1/2	3/4	1/4	<b>B205 SG200</b>
SG 300	3/8	2-1/2	3/4	1/4	<b>B205 SG300</b>
SG 130	1/2	2-1/2	3/4	1/4	<b>B205 SG130</b>
SG 500	1/2	2-3/4	1	1/4	<b>B205 SG500</b>
SG 600	5/8	2-3/4	1	1/4	<b>B205 SG600</b>
SG 700	3/4	2-3/4	1	1/4	<b>B205 SG700</b>
SG 150	3/4	2-3/4	1-1/2	1/4	<b>B205 SG150</b>

Flame Shape					
Code	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Part Number
SH 410	1/8	1-1/2	1/4	1/8	<b>B206 SH410</b>
SH 100	1/4	2	5/8	1/4	<b>B206 SH100</b>
SH 200	5/16	2-1/2	3/4	1/4	<b>B206 SH200</b>
SH 500	1/2	3	1-1/4	1/4	<b>B206 SH500</b>
SH 600	5/8	3-3/16	1-7/16	1/4	<b>B206 SH600</b>
SH 700	3/4	3-3/8	1-5/8	1/4	<b>B206 SH700</b>

Taper Shape (14° Included) Radius End					
Code	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Part Number
SL 410*	1/8	1-1/2	3/8	1/8	<b>B207 SL410</b>
SL 420**	1/8	1-1/2	1/2	1/8	<b>B207 SL420</b>
SL 100	1/4	2	5/8	1/4	<b>B207 SL100</b>
SL 200	5/16	2-5/8	7/8	1/4	<b>B207 SL200</b>
SL 300	3/8	2-13/16	1-1/16	1/4	<b>B207 SL300</b>
SL 400	1/2	2-7/8	1-1/8	1/4	<b>B207 SL400</b>
SL 600	5/8	3-1/16	1-5/16	1/4	<b>B207 SL600</b>
SL 700	3/4	3-1/4	1-1/2	1/4	<b>B207 SL700</b>

Cone Shape					
Code	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Part Number
SM 420	1/8	1-1/2	1/2	1/8	<b>B208 SM420</b>
SM 430	1/8	1-1/2	5/8	1/8	<b>B208 SM430</b>
SM 510	1/4	2	1/2	1/8	<b>B208 SM510</b>
SM 100	1/4	2	1/2	1/4	<b>B208 SM100</b>
SM 200	1/4	2	3/4	1/4	<b>B208 SM200</b>
SM 300	1/4	2	1	1/4	<b>B208 SM300</b>
SM 400	3/8	2-1/2	3/4	1/4	<b>B208 SM400</b>
SM 500	1/2	2-3/4	1	1/4	<b>B208 SM500</b>
SM 600	5/8	2-7/8	1-1/8	1/4	<b>B208 SM600</b>

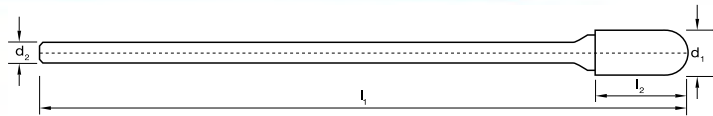
Inverted Cone Shape					
Code	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Part Number
SN 420	1/8	1-1/2	1/8	1/8	<b>B209 SN420</b>
SN 510	1/4	1-3/4	1/4	1/8	<b>B209 SN510</b>
SN 100	1/4	2	1/4	1/4	<b>B209 SN100</b>
SN 200	3/8	2-1/8	3/8	1/4	<b>B209 SN200</b>
SN 400	1/2	2-1/2	1/2	1/4	<b>B209 SN400</b>
SN 600	5/8	2-1/2	3/4	1/4	<b>B209 SN600</b>
SN 700	3/4	2-5/8	5/8	1/4	<b>B209 SN700</b>

Sets (1/4 inch shank)				
Code	Description	d <sub>1</sub>	Qty	Part Number
SCB 100	SA 100, SC 100, SD 100, SF 100, SC1 AC	1/4	5	<b>B900 SCB100</b>
SCB 300	SA 300, SC 300, SD 300, SF 300, SC3 AC	3/8	5	<b>B900 SCB300</b>
SCB 500	SA 500, SC 500, SD 500, SF 500, SC5 AC	1/2	5	<b>B900 SCB500</b>
SCB 5	SA 300, SC 300, SC 500, SF 300, SF 500	3/8 & 1/2	5	<b>B900 SCB5</b>

\*SL 410 - 6 degrees \*\*SL 420 - 7 degrees



# CUTTING TOOLS



## Burring - Carbide Burs

**Double Cut Burs** - The double cut bur allows for rapid stock removal in the harder materials. The chisel tooth pattern not only minimises tool chatter but reduces the chip to a granular shape in most materials.

**Aluminium Cut Burs** - This flute pattern is recommended for rapid material removal of soft materials such as: Aluminium, Brass, Copper, Plastics that would normally load other cuts.



## Aluminium Cut Bur

Cylindrical Square End					
Code	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Aluminium
SA1 AC	1/4	2	5/8	1/4	<b>B215 SA1AC</b>
SA3 AC	3/8	2-1/2	3/4	1/4	<b>B215 SA3AC</b>
SA5 AC	1/2	2-3/4	1	1/4	<b>B215 SA5AC</b>
SA6 AC	5/8	2-3/4	1	1/4	<b>B215 SA6AC</b>
SA7 AC	3/4	2-3/4	1	1/4	<b>B215 SA7AC</b>

Cylindrical Radius End					
Code	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Aluminium
SC1 AC	1/4	2	5/8	1/4	<b>B216 SC1AC</b>
SC3 AC	3/8	2-1/2	3/4	1/4	<b>B216 SC3AC</b>
SC5 AC	1/2	2-3/4	1	1/4	<b>B216 SC5AC</b>
SC7 AC	3/4	2-3/4	1	1/4	<b>B216 SC7AC</b>

Tree Shape - Radius End					
Code	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Aluminium
SF1 AC	1/4	2	3/4	1/4	<b>B219 SF1AC</b>
SF3 AC	3/8	2-1/2	3/4	1/4	<b>B219 SF3AC</b>
SF5 AC	1/2	2-3/4	1	1/4	<b>B219 SF5AC</b>
SF6 AC	5/8	2-3/4	1	1/4	<b>B219 SF6AC</b>

Oval Shape					
Code	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Aluminium
SE3 AC	3/8	2-11/32	19/32	1/4	<b>B218 SE3AC</b>
SE5 AC	1/2	2-5/8	7/8	1/4	<b>B218 SE5AC</b>
SE6 AC	5/8	2-3/4	1	1/4	<b>B218 SE6AC</b>

Taper Shape (14° Included) Radius End					
Code	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Aluminium
SL4 AC	1/2	2-7/8	1-1/8	1/4	<b>B220 SL4AC</b>
SL6 AC	5/8	3-1/16	1-5/16	1/4	<b>B220 SL6AC</b>
SL7 AC	3/4	3-1/4	1-1/2	1/4	<b>B220 SL7AC</b>

Ball Shape					
Code	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Aluminium
SD1 AC	1/4	2		1/4	<b>B217 SD1AC</b>
SD3 AC	3/8	2-1/16		1/4	<b>B217 SD3AC</b>
SD5 AC	1/2	2-3/16		1/4	<b>B217 SD5AC</b>
SD6 AC	5/8	2-5/16		1/4	<b>B217 SD6AC</b>
SD7 AC	3/4	2-7/16		1/4	<b>B217 SD7AC</b>



SCB 500

## Extra Length Bur

Cylindrical Square End - End Cutting					
Code	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Extra Length
SA 3L6	3/8	6-3/4	3/4	1/4	<b>B210 SA3L6</b>
SA 5L6	1/2	7	1	1/4	<b>B210 SA5L6</b>

Cylindrical Radius End					
Code	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Extra Length
SC 3L6	3/8	6-3/4	3/4	1/4	<b>B211 SC3L6</b>
SC 5L6	1/2	7	1	1/4	<b>B211 SC5L6</b>

Tree Shape - Radius End					
Code	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Extra Length
SF 3L6	3/8	6-3/4	3/4	1/4	<b>B213 SF3L6</b>
SF 5L6	1/2	7	1	1/4	<b>B213 SF5L6</b>

Taper Shape (14° Included) Radius End					
Code	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Extra Length
SL 3L6	3/8	7-1/16	3/4	1/4	<b>B214 SL3L6</b>

Ball Shape					
Code	d <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	d <sub>2</sub>	Extra Length
SD 3L6	3/8	6-3/4		1/4	<b>B212 SD3L6</b>
SD 5L6	1/2	6-1/2		1/4	<b>B212 SD5L6</b>



SCB 100



SCB 300



SCB 5



## HOLESAW SETS



### General Engineering Holesaw Set #5 - Cobalt HSS

- Sizes: 16, 19, 22, 25, 29, 32, 35, 38, 44 & 51mm
- Includes: 1 Quickfit, #1 Arbor, 5 x Quickfit #4 Adaptor

Part Number: H105S5



### Plumber Holesaw Set (PVC) - Cobalt HSS

- Sizes: 44, 51, 63, 79, 92 & 121mm
- Includes: 1 Quickfit #1 Arbor

Part Number H105PPV



### General Engineering Holesaw Set #14 - Cobalt HSS

- Sizes: 19, 22, 25, 32, 35, 38, 44, 51, 57, 63 and 76mm
- Includes: 1 Quickfit, #1 Arbor, 3 x Quickfit #4 Adaptor

Part Number: H105S14



### Downlight Holesaw Set - Cobalt HSS

- Sizes: 42, 54, 57, 65, 72 and 92mm
- Includes: 1 x BA3 Arbor, 2 x Pilot Drills

Part Number: H102 DLK7



### Electrician Holesaw Set #9 - Cobalt HSS

- Sizes: 16, 20, 25, 32, 40 & 51mm
- Includes 1 Quickfit #1 Arbor, 3 x Quickfit #4 Adaptor

Part Number: H105S9



### Lock Installation Holesaw Set LK2 - Cobalt HSS

- Sizes: 32, 38, 44 and 54mm, 1 x 25mm Spade Bit
- Includes: 1 Quickfit #1

Part Number: H105LK2



### Plumber Holesaw Set (Copper) - Cobalt HSS

- Sizes: 16, 22, 27, 43, 54 & 67mm
- Includes: 1 Quickfit #1 Arbor, 3 x Quickfit #4 Adaptor

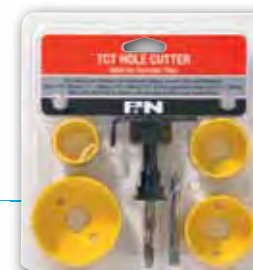
Part Number: H105PCO



### P&N TCT Ceramic Tile Holesaw

- For superior performance on chipboard, timbers, ceramic tiles and fibreglass
- Sizes: 29, 38, 44 and 57mm
- Includes arbor, HSS drill for timbers and masonry drill for most ceramic tiles

Part Number 9109700



### Cutting - Holesaw Sets

Sutton holesaws are made to an international standard and can be used either by hand in a power tool or by machine. The Unique varied pitched cutting teeth are heat treated high speed st

		Description	Pieces	Part Number
General #5	Holesaws:	16, 19, 22, 25, 29, 32, 35, 38, 44 & 51mm	14	338369005
	Arbors:	1 x BAO, SBA1, SBA3 Arbor, 1 x Pilot Drill and Spring		
General Engineering #14	Holesaws:	19, 22, 25, 32, 35, 38, 44, 51, 57, 63 & 76mm	13	338369014
	Arbors:	1 x SBA3 Arbor, 1 x Pilot Drill and Spring		
Electrician Set #9	Holesaws:	16, 20, 25, 32, 40 & 51mm	10	338369009
	Arbors:	1 x Quickfit #1 Arbor, 3 x Quickfit #4 Adaptor		
Plumber Set #7	Holesaws:	41, 51, 57, 73, 86 & 111mm	8	338369007
	Arbors:	1 x SBA3 Arbor, 1 x Pilot Drill and Spring		
Bi Metal Set	Holesaws:	20, 25, 32, 38 & 54mm	7	92348
	Arbors:	1 x Arbor 1 x Adaptor		



General Engineering Set #14



# CUTTING TOOLS

## HOLESAW ARBORS



### Cutting - Holesaws Quickfit Arbors

The strongest arbor in the market for heavy duty cutting, the new Sutton Tools Quickfit® Arbor has been designed to assist in the quick location and fitment for the complete Sutton Tools range of Holesaw products.

#### Features:

- Fully engages into the Holesaw quickly with one sliding action of the collar
- The drive pins self locate into the drive holes in the Holesaw
- Non slip rubber finger grip for ease of use
- Made from through hardened chrome alloy steel
- The QF1 Arbor suits holesaws from 32mm up to 152mm
- The QF2 Tandem Arbor enables existing holes (up to 30mm) to be made larger
- The QF3 Set includes QF1, QF4, 3-1/4 pilot and 4-1/8 pilot drill
- With the use of the QF4 Adaptor combined with the QF1 Arbor, one arbor will fit all holesaw sizes

Description	Chuck Size	Thread	Holesaw size	Part Number
<b>QF1</b> Quickfit Arbor Pilot Drill - BD-024	13mm	5/8-18 UNF	32 - 152mm	<b>338512510</b>
<b>QF2</b> Quickfit Tandem Arbor Pilot Drill - WHC250	13mm	1/2-20 UNF 5/8-18 UNF	14 - 30mm 32 - 152mm	<b>338512512</b>
<b>QF3</b> Quickfit Set: QF1 Quickfit Arbor QF4 Quickfit Adaptor Pilot Drill - BD-024 Pilot Drill - WHC250	13mm	1/2-20 UNF 5/8-18 UNF	14 - 30mm 32 - 152mm	<b>338512513</b>
<b>QF4</b> Quickfit Adaptor		1/2-20 UNF	14 - 30mm	<b>338513200</b>
<b>QF10</b> Quickfit Arbor Pilot Drill - BD-024	10mm	5/8-18 UNF	32 - 152mm	<b>338512515</b>



QF1



QF4



QF2



QF10



QF3



Arbor Extension

### Arbor Extension

Holesaw Arbor extension bar, made from hardened steel for use with hex shank arbors. Also supplied with allen key.

Part Number: H107E305



Pin drive 5/8 UNF Thread



Thread drive 1/2 UNF Thread

### Cutting - Holesaw Arbors

Holesaw arbors with high-speed pilot drills are built for use with portable drills and drill presses. The pin drive allows quick removal of the saw from the arbor without tools, when changing sizes. The saws are quickly replaced without tools and without removing the arbor from the chuck.

Code	Shank	Chuck Size	Thread	Holesaw Size	Part Number	
					Boxed Blue	Clamshell Blue
BA0	1/4 dia	6mm (1/4")	1/2-20 UNF	14 - 30mm 9/16 to 1-3/16"	H107 BA0	
BA1	11/32 hex	10mm (3/8")	1/2-20 UNF	14 - 30mm 9/16 to 1-3/16"	H107 BA1	
BA2	11/32 hex	10mm (3/8")	5/8-18 UNF	32 - 54mm 1-1/4 to 2-1/8"	H107 BA2	H107 SBA2
BA3A	7/16 hex	13mm (1/2") Quick Change	5/8-18 UNF	32 - 152mm 1-1/4 to 6"	H107 BA3A	H107 SBA3
TA3A	11/32 hex	10mm (3/8") Quick Change	5/8-18 UNF	32 - 152mm 1-1/4 to 6"	H107 TA3	H107 STA3
BA4	5/8 hex	16mm (5/8") Quick Change	5/8-18 UNF	32 - 152mm 1-1/4 to 6"	H107 BA4	
BA8		No.3 M.T. Heavy Duty Drive with Spigot	5/8-18 UNF	76 - 152mm (3" to 6")	H107 BA8	
Use Pilot Drill BD025 for BA-0 Arbors. For the other Arbors use BD024. All Arbors are supplied with a HSS Pilot drill.						
<b>Arbor Set</b>						
SAS1		BA1, Adaptor BA				H107 SAS1
<b>Arbors Single Tooth Holesaws (product group C0408)</b>						
WHC-1	11/32 hex	10mm (3/8")	1/2-20 UNF	14 - 30mm 9/16 to 1-3/16"		H104 WHC1
WHC-3	11/32 hex	10mm (3/8") Quick Change	5/8-18 UNF	32 - 152mm 1-1/4 to 6"		H104 WHC3
Requires WHC-250 Pilot Drill						
<b>Arbors HSS Holesaws (product group C0302)</b>						
HC1	11/32 hex	10mm (3/8")	1/2-20 UNF	16 - 28mm	H100 HC1	
HC2	11/32 hex	10mm (3/8")	5/8-18 UNF	29 - 50mm	H100 HC2	



BA0



BA2



HC1



WHC-2



BA1



BA3A



WHC-1



TA3A



HC2



WHC-3



BA8



BA4



## HOLESAW PILOT DRILLS



H102 CT63



H107 BD25



H107 BD24



H104 0063



H107 ADBA



H107 BD25



H102 CT63



H107 GS66



H107 SD24



H109 CT63



H100 0063



H104 CT-63



H102 0063



H109 0063



H107 BS25

### Cutting - Holesaws - Pilot Drills & Accessories

A selection of accessories are available to suit our high quality range of holesaws.

Code	Description	To Suit Arbor	Qty	Part Number
<b>Pilot Drills</b>				
BD-024	6.35mm (1/4) x 3-1/4 long	BA-1, BA-2, BA-4, TA-3A, BA-3A	10	H107 BD24
BD-025	6.35mm (1/4) x 4-1/8 long	BA-0	10	H107 BD25
BS-025	Ejector Spring		1	H107 BS25
SBD-024	6.35mm (1/4) x 3-1/4 long	BA-1, BA-2, BA-4, TA-3A, BA-3A	1	H107 SD24
HSS	6.35mm (1/4") x 54mm long	HC1, HC2	1	H100 0063
HSS	6.35mm (1/4") x 2 1/2" long	WHC-2, WHC-3	1	H102 0063
WHC-250 (HSS)	6.35mm (1/4") x 4-1/8" long	WHC-1, WHC-2, WHC-3	1	H104 0063
TCT	6.35mm (1/4") x 2 1/2" long	WHC-2, WHC-3	1	H102 CT63
TCT	6.35mm (1/4") x 3 1/4" long	BA-1, BA-2, BA-4, TA-3A	1	H109 CT63
TCT	6.35mm (1/4") x 4 1/8" long	WHC-1, WHC-2, WHC-3	1	H104 CT63
Diamond Grit	6.35mm (1/4") x 3 1/4" long	BA-2, BA-3A, BA-4, BA-8, TA-3A	1	H109 0063
<b>Adaptor</b>				
BA	1/2UNF to 5/8UNF	BA-0, BA-1	1	H107 ADBA
<b>Grub Screws</b>				
M6	M6 by 6mm Long Slotted Grub Screw	BA-0, BA-1, BA-2, BA-3A, TA-3A, BA-4	1	H107 GS66



# CUTTING TOOLS

## HOLESAWS

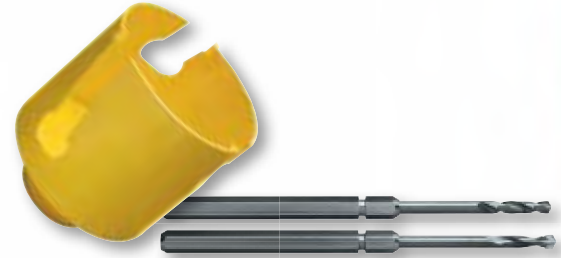


### Cutting - Holesaws - Cobalt HSS Bi-Metal

Made to an international standard and can be used either by hand in a power tool or by machine. The unique varied pitched cutting teeth are heat treated high speed steel and are suited to cut metal, wood and plastics.

The high carbon steel body is electron beam welded to a HSS tooth strip with high performance and fast drilling varied pitch teeth.

Dia. mm	Quickfit Arbor	Quickfit Adaptor	Standard Arbor	Bi Metal Carton	Bi Metal Clamshell
14	QF2	QF4	BA-0 or BA-1	H105 0140	H106 0140
16	QF2	QF4	BA-0 or BA-1	H105 0160	H106 0160
17	QF2	QF4	BA-0 or BA-1	H105 0170	H106 0170
19	QF2	QF4	BA-0 or BA-1	H105 0190	H106 0190
20	QF2	QF4	BA-0 or BA-1	H105 0200	H106 0200
21	QF2	QF4	BA-0 or BA-1	H105 0210	H106 0210
22	QF2	QF4	BA-0 or BA-1	H105 0220	H106 0220
24	QF2	QF4	BA-0 or BA-1	H105 0240	H106 0240
25	QF2	QF4	BA-0 or BA-1	H105 0250	H106 0250
27	QF2	QF4	BA-0 or BA-1	H105 0270	H106 0270
29	QF2	QF4	BA-0 or BA-1	H105 0290	H106 0290
30	QF2	QF4	BA-0 or BA-1	H105 0300	H106 0300
32	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0320	H106 0320
33	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0330	H106 0330
35	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0350	H106 0350
37	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0370	H106 0370
38	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0380	H106 0380
40	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0400	H106 0400
41	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0410	H106 0410
43	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0430	H106 0430
44	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0440	H106 0440
46	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0460	H106 0460
48	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0480	H106 0480
51	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0510	H106 0510
52	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0520	H106 0520
54	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0540	H106 0540
56	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0560	H106 0560
57	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0570	H106 0570
59	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0590	H106 0590
60	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0600	H106 0600
63	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0630	H106 0630
65	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0650	H106 0650
66.2	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0662	H106 0662
67	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0670	H106 0670
70	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0700	H106 0700
73	QF1		BA-2, BA-3A, BA-4, TA-3A	H105 0730	H106 0730
76	QF1		BA-2, BA-3A, BA-4, BA-8, TA-3A	H105 0760	H106 0760
79	QF1		BA-2, BA-3A, BA-4, BA-8, TA-3A	H105 0790	H106 0790
83	QF1		BA-2, BA-3A, BA-4, BA-8, TA-3A	H105 0830	H106 0830
86	QF1		BA-2, BA-3A, BA-4, BA-8, TA-3A	H105 0860	H106 0860
89	QF1		BA-2, BA-3A, BA-4, BA-8, TA-3A	H105 0890	H106 0890
92	QF1		BA-2, BA-3A, BA-4, BA-8, TA-3A	H105 0920	H106 0920
95	QF1		BA-2, BA-3A, BA-4, BA-8, TA-3A	H105 0950	H106 0950
98	QF1		BA-2, BA-3A, BA-4, BA-8, TA-3A	H105 0980	H106 0980
102	QF1		BA-2, BA-3A, BA-4, BA-8, TA-3A	H105 1020	H106 1020
105	QF1		BA-2, BA-3A, BA-4, BA-8, TA-3A	H105 1050	H106 1050
108	QF1		BA-2, BA-3A, BA-4, BA-8, TA-3A	H105 1080	H106 1080
111	QF1		BA-2, BA-3A, BA-4, BA-8, TA-3A	H105 1110	H106 1110
114	QF1		BA-2, BA-3A, BA-4, BA-8, TA-3A	H105 1140	H106 1140
121	QF1		BA-2, BA-3A, BA-4, BA-8, TA-3A	H105 1210	H106 1210
123	QF1		BA-2, BA-3A, BA-4, BA-8, TA-3A	H105 1230	H106 1230
127	QF1		BA-2, BA-3A, BA-4, BA-8, TA-3A	H105 1270	H106 1270
140	QF1		BA-2, BA-3A, BA-4, BA-8, TA-3A	H105 1400	H106 1400
152	QF1		BA-2, BA-3A, BA-4, BA-8, TA-3A	H105 1520	H106 1520



### Multi-Purpose Holesaws

The Multi-Purpose Holesaw has been developed to update the existing single tooth TCT Wood Holecutters and Downlight Holecutters. Suitable for construction, installation and DIY use, the Tungsten Carbide teeth allow for outstanding cutting performance and durability with minimal heat build up. TCT teeth allow for fast, clean, controlled cutting without clogging. The tooth design and unique plug ejection system allows for easy removal of the plug. Simply push the button, slide back the holesaw over the pilot drill and release the plug. Quickly change holesaw size with one push of the button. The extra-long hex shank pilot drill allows 2-Up holesaws for enlarging existing holes. Made in China.

#### Features

- Tungsten Carbide Tipped (TCT).
- Includes quick release adaptor.
- Depth of cut - 54mm

#### Benefits

- For cutting timber, hardwood, soft wood, MDF, plaster board, compressed fibro, cement sheet, plastics, ceramic tiles, bricks and abrasive materials.
- Push button to quickly change holesaw size.
- Cuts 5 times faster than conventional Bi-Metal holesaws in timber.

#### Helpful Hints

- Multi-Purpose holesaws must be fitted with WHC hex shank pilot drill prior to using.
- Apply even pressure allowing the holesaw to do the cutting.
- Always secure material to be cut.

Size		Pilot Drill	Chuck Size	Part Number
mm	Inch			
16	5/8	WHC8	10mm	H111 0160
19	3/4	WHC8	10mm	H111 0190
20	-	WHC8	10mm	H111 0200
22	7/8	WHC8	10mm	H111 0220
25	1	WHC8	10mm	H111 0250
29	1-1/18	WHC8	10mm	H111 0290
30	1-3/16	WHC8	10mm	H111 0300
32	1-1/4	WHC8	10mm	H111 0320
35	1-3/8	WHC8	10mm	H111 0350
38	1-1/2	WHC10	13mm	H111 0380
40	1-9/16	WHC10	13mm	H111 0400
41	1-5/8	WHC10	13mm	H111 0410
44	1-3/4	WHC10	13mm	H111 0440
51	2	WHC10	13mm	H111 0510
54	2-1/8	WHC10	13mm	H111 0540
57	2-1/4	WHC10	13mm	H111 0570
60	2-3/8	WHC10	13mm	H111 0600
63	2-1/2	WHC10	13mm	H111 0630
70	2-3/4	WHC10	13mm	H111 0700
76	3	WHC10	13mm	H111 0760
86	3-3/8	WHC10	13mm	H111 0860
89	3-1/2	WHC10	13mm	H111 0890
92	3-5/8	WHC10	13mm	H111 0920
102	4	WHC10	13mm	H111 1020
111	4-3/8	WHC10	13mm	H111 1110
121	4-3/4	WHC10	13mm	H111 1210
127	5	WHC10	13mm	H111 1270
152	6	WHC10	13mm	H111 1520

#### Pilot Drill

WHC8-HSS	HSS Pilot Drill with 8mm Hex Shank	10mm	H110 008H
WHC8-TCT	TCT Pilot Drill with 8mm Hex	10mm	H110 008T
WHC10-HSS	HSS Pilot Drill with 10mm Hex Shank	13mm	H110 010H
WHC10-TCT	TCT Pilot Drill with 10mm Hex	13mm	H110 010T



## HOLE CUTTERS



### Cutting - Hole Cutters HSS

Made from solid High-Speed-Steel for precision holes in steel and alloy sheet. Suited to electrical installation work, for use in power drill. Holecutters produce an accurate, round, clean hole.

Size		Description	Complete Unit	Holecutter Only
mm	Inch			
16	5/8		H101 0160	H100 0160
20	-		H101 0200	H100 0200
23	-		H101 0230	H100 0230
25	1		H101 0250	H100 0250
32	1-1/4		H101 0320	H100 0320
40	1-9/16		H101 0400	H100 0400
50	-		H101 0500	H100 0500
<b>Arbors</b>				
HC1		Suits 16mm-28mm diameters	H100 HC1	
HC2		Suits 29mm-50mm diameters	H100 HC2	
<b>Pilot Drill</b>				
6.35mm (1/4")		Suits both Arbors. 54mm overall length	H100 0063	

## HOLESAWS - DIAMOND GRIT



### Cutting - Holesaws Diamond Grit

Diamond grit holesaws are designed for cutting holes in fibreglass, hard plastics, laminates, acrylics, plexiglass, fibro-cement, ceramics, ceramic tiles, graphite, carbon, marble, soft stone and some cement-based materials. It is important that the speed will depend on the diameter of the tool used.

Size		Description			Part Number
mm	Inch				
Use Holesaw Arbors BA-0 or BA-1 - QF2					
24	15/16				H109 0240
25	1				H109 0250
29	1-1/8				H109 0290
30	1-3/16				H109 0300
Use Holesaw Arbors BA-2, BA-3A, BA-4, BA-8 or TA-3A - QF1, QF10					
32	1-1/4				H109 0320
35	1-3/8				H109 0350
37	1-7/16				H109 0370
38	1-1/2				H109 0380
40	1-9/16				H109 0400
44	1-3/4				H109 0440
48	1-7/8				H109 0480
51	2				H109 0510
52	2-1/16				H109 0520
54	2-1/8				H109 0540
57	2-1/4				H109 0570
60	2-3/8				H109 0600
63	2-1/2				H109 0630
65	2-9/16				H109 0650
70	2-3/4				H109 0700
76	3				H109 0760
89	3-1/2				H109 0890
Pilot Drills					
TCT	6.35mm (1/4") Pilot Drill x 3 1/4" long TCT (Tungsten Carbide Tipped for Ceramics etc.) Suits Arbor: BA-1, BA-2, BA-4, TA-3A				H109 CT63
Diamond Grit	6.35mm (1/4") Pilot Drill x 3 1/4" long Diamond Grit HSS Pilot Drill (For Fibreglass) Suits Arbor: BA-2, BA-3A, BA-4, BA-8, TA-3A				H109 0063

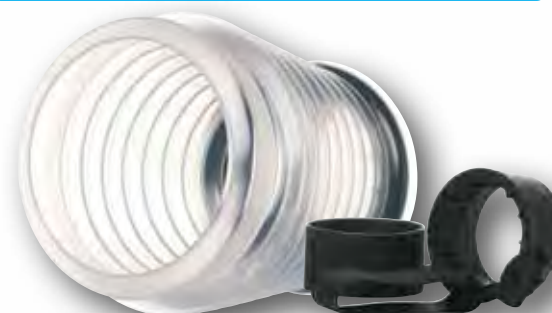


### Cutting - Holecutters TCT

Tungsten Carbide Tipped Holecutters are suitable for producing holes in the more difficult materials such as stainless steels and abrasive materials in fibreglass and chipboard.

Size		Part Number
mm	Inch	
16	5/8	H108 0160
19	3/4	H108 0190
20	-	H108 0200
21	13/16	H108 0210
22	7/8	H108 0220
25	1	H108 0250
28	-	H108 0280
30	1-3/16	H108 0300
32	1-1/4	H108 0320
35	1-3/8	H108 0350
38	1-1/2	H108 0380
40	1-9/16	H108 0400
44	1-3/4	H108 0440
50	-	H108 0500
55	-	H108 0550
60	2-3/8	H108 0600
65	2-9/16	H108 0650
70	2-3/4	H108 0700
75	-	H108 0750
<b>Pilot Drill</b>		
HSS 6.0 x 60mm		H108 0060

## DRILL KLEEN



### Drill Kleen Dust & Debris Collector

The Drill Kleen innovation has potential for use by tradesmen, handymen, DIY and builders. Three major problem areas are addressed when you use Sutton Tools Drill-Kleen:

1. Safety to the operator – there is no debris falling onto the operator and no risk of eye injury.
2. Clean Up – Drill Kleen catches dust and debris, less mess to clean up means saving your time.
3. Environment – Dust and debris in contained within the Drill-Kleen boot, parts and boots are recyclable.

#### Features and Benefits

- Prevents mess
- Increased safety
- Easy to use
- Fits both keyless and keyed chuck drills
- Made for up to 102mm max holesaws
- Can be used with regular drill bits
- Increased efficiency
- Suitable for ceilings and walls
- Retro fit

Drill-Kleen kit consists of a drill adaptor, a sleeve collar complete with 3 varying thickness rubber seal bands and 1 clear rubber concertina boot.

**Product Code: H107DRKL**





## BLOWER - VACUUM - PETROL

**HITACHI**  
Inspire the Next

### Petrol Blower

- New PureFire engine, displacement 23.9cm<sup>3</sup>
- Max. air volume 10.3m<sup>3</sup>/min (flat nozzle)
- Throttle control lever
- Easy to use soft grip handle
- Secondary handle for vacuuming for comfort and stability
- Metal shredder blade ensures fast and simple mulching of leaves and trimmings
- Cruise control throttle reduces fatigue during longer operation times

**Part Number: RB24E**



**HITACHI**  
Inspire the Next

### 115mm 18V Cordless Angle Grinder 'Naked'

- External access to brushes for easy maintenance
- Spindle lock for easy wheel change
- Slim design with soft touch grip

**Part Number: G18DL(H4)**



## CORDLESS - ANGLE GRINDERS

**HITACHI**  
Inspire the Next

### 115mm 18V Cordless Angle Grinder

- 2 x 3.0 Ah Li-ion Batteries
- Safety over load cutout protection
- Approx 45 minute charging time
- External access to brushes for easy maintenance
- Spindle lock for easy wheel change

**Part Number: G18DL(HL)**



**BOSCH**

### 115mm Angle Grinder

**NEW! 18V Angle Grinder**

- 4 pole motor with RARE EARTH Magnets
- EMP
- ECP
- Restart Protection
- Safety guard
- 10,000rpm
- 320mm length
- 30mm cut depth

**Product Code: GWS 18V-LI BAREBONES**





**metabo**

### 18V Cordless 125mm Angle Grinder

- Detachable dust filter for a longer tool life
- Restart & overload protection
- Change grinding wheel without a key
- 4-position, rotatable battery making working in narrow spaces easier
- 3.0 Ah Li-Ion batteries • 8,000 rpm • 2.4kg
- Includes: 2x3.0 Ah Li-Ion batteries, charger, carry case

**Part Number: W 18 LTX**

**metabo**

### 18V Cordless 125mm Angle Grinder, Skin

- Detachable dust filter for a longer tool life
- 4-position, rotatable battery making working in narrow spaces easier
- Restart and overload protection
- Change grinding wheel without a key
- 8,000 rpm

**Part Number: W 18 SK LTX**


## CORDLESS - BATTERY CHARGER/RADIO

**BOSCH**

### Jobsite Radio

NEW! Worksite Radio/Battery Charger

- AM/FM stereo subwoofer
- 360° sound
- 2x240v outlets
- Play IPOD
- MP3
- Charge 14-18v Li Batteries
- Runs off 14.4-18v Li Batteries and 240v
- IPOD dock bay

**Product Code: GML 18-LI**


## CORDLESS - DRIVER DRILLS

**BOSCH**

### 10.8V Driver Drill

- NEW! 2 speed Drill Driver
- 0-350/0-1300 rpm no load speed
- 30/13 Nm Torque
- includes L-BOXX by Sortimo

**Product Code: GSR 10.8V-Li**

**HITACHI**  
Inspire the Next

### 10.8V Li-ion Drill Driver

- 2 x 1.5Ah Li-ion batteries
- Multiple protection circuit built into batteries
- Battery power indicator
- 21 stage torque adjustable clutch

**Part Number: DB10DL(HL)**

**HITACHI**  
Inspire the Next

### 14.4V Slide Li-ion Driver Drill

- 2 x 3.0Ah Li-ion batteries
- 13mm chuck
- Multiple protection circuit built into batteries
- 22 stage adjustable clutch
- Ergonomic soft grip handle

**Part Number: DS14DSL(HL)**

**HITACHI**  
Inspire the Next

### 10mm 14.4V Cordless Driver Drill

- 10mm keyless chuck
- 22-stage adjustable clutch for precise torque settings
- Maximum torque of 34Nm
- Soft grip, slip resistant handle
- Includes torch

**Part Number: DS14DVF3**

**metabo**

### 14.4V Drill / Driver

- Speed: 450 / 1600 rpm
- Battery overload and electronic single cell protection
- 1.5 kg
- Includes: 2 x 1.3 Ah Li-Ion batteries, ASC 30 air cooled charger, carry case

**Part Number: BS 14.4 L**

**metabo**

### 14.4V Drill / Driver

- Impulse removes damaged screws
- Torque: 55 Nm
- Speed: 400 / 1400 rpm
- Battery overload and electronic single cell protection
- 1.8 kg
- Includes: 2 x 2.6 Ah Li-Ion batteries, ASC 30 air cooled charger, carry case

**Part Number: BS 14.4 LT Impulse**

**metabo**

### 14.4V Drill / Driver

- Impulse removes damaged screws
- Torque: 88 Nm
- Speed: 400 / 1400 rpm
- Battery overload and electronic single cell protection
- 1.9 kg
- Includes: 2 x 2.6 Ah Li-Ion batteries, ASC 30 air cooled charger, side handle, carry case

**Part Number: BS 14.4 LTX Impluse**




# POWER TOOLS



## 18V Driver Drill

- Striker Drill Driver
- 2 x 1.3Ah Li-Ion Batteries
- 56Nm
- 45 min Charge

**Product Code: GSR 18V-Li**



## 18V Driver Drill

- Destroyer Heavy Duty Drill Driver
- 2 x 2.6Ah Li-Ion Batteries
- Electronic Motor Protection
- 88Nm
- 30 min Charge

**Product Code: GSR 18VE-2LI**



Inspire the Next

## 13mm 18V Cordless Driver Drill

- 2 x 18v 3.0Ah Li-Ion batteries
- 13mm keyless single sleeve chuck with automatic spindle lock
- Powerful 64Nm of torque
- 22-stage torque adjustment

**Part Number: DS18DL(HL)**



Inspire the Next

## 13mm 18V Cordless Driver Drill

- 13mm keyless chuck
- 22-stage adjustable clutch for precise torque setting
- Maximum torque of 45Nm
- Soft grip, slip resistant handle
- Includes torch

**Part Number: DS18DVF3**



Inspire the Next

## 18V Cordless Driver Drill 'Naked'

- 13mm keyless single sleeve chuck with automatic spindle lock
- Powerful 64Nm of torque
- 22-stage torque adjustment

**Part Number: DS18DL(H4)**



## 18V Mobile Driver Drill

- Makita built 4-pole motor design with dual steel ball bearing provides maximum torque
- Mechanical 2-speed gearing
- Single sleeve keyless chuck enables easy bit installation
- All metal gear construction ensures high transmission durability
- L.E.D job light with afterglow function
- Ideal for second fix + cabinet makers
- Variable speed

**Part Number: BDF452SHE**



## 18V Mobile Driver Drill

- All metal gears and gear change mechanism for maximum gearbox durability
- Mechanical 2-speed gearing
- Mode selection system - quickly shift from "drill" to "driver" for increased efficiency
- Compact and lightweight 4-pole motor for higher operation efficiency in heavy duty applications
- Single sleeve keyless chuck allows for easy bit installation/removal
- Twin LED job light with afterglow function
- Belt clip and bit holder convenient for both right and left handed user
- Anti-slip rubberised side grip
- 22min battery charging time

**Part Number: BDF454RFE**



## 18V Drill / Driver

- Speed: 450 / 1650 rpm
- Torque: 48 Nm
- Battery overload and electronic single cell protection
- 1.6 kg
- Includes: 2 x 1.3 Ah Li-Ion batteries, ASC 30 air cooled charger, carry case

**Part Number: BS 18L**



## 18V Drill / Driver

- Impulse removes damaged screws
- Torque: 60 Nm
- Speed: 400 / 1400 rpm
- Battery overload and electronic single cell protection
- 1.9 kg
- Includes: 2 x 2.6 Ah Li-Ion batteries, ASC 30 air cooled charger, carry case

**Part Number: BS 18LT Impulse**





**metabo**

### 18V Drill / Driver

- Impulse removes damaged screws
- Torque: 96 Nm
- Speed: 400 / 1400 rpm
- Battery overload and Electronic Single Cell Protection
- 2.0 kg
- Includes: 2 x 2.6 Ah Li-Ion batteries, ASC 30 air cooled charger, side handle, carry case

**Part Number: BS 18 LTX Impulse**


**metabo**

### 18V Drill / Driver Skin Only

- Impulse removes damaged screws
- Torque: 96 Nm
- Speed: 400 / 1400 rpm

**Part Number: BS 18 SK LTX Impulse**



## CORDLESS - HAMMER DRILLS

**metabo**

### 14.4V Hammer Drill

- Impulse removes damaged screws
- Torque: 57 Nm
- Speed: 400 / 1400 rpm
- Battery overload and Electronic Single Cell Protection
- 1.9 kg
- Includes: 2 x 2.6 Ah Li-Ion batteries, ASC 30 air cooled charger, side handle, carry case

**Part Number: SB 14.4 LT Impulse**


**HITACHI**  
Inspire the Next

### 18V Hammer Driver Drill

- 2 x 1.5Ah Li-ion batteries
- Approx 30 minute charging time
- 2 speed gearbox
- 22 stage adjustable clutch
- Glass fiber reinforced polycarbonate body

**Part Number: DV18DCL(HL)**


**metabo**

### 18V Hammer Drill

- Impulse removes damaged screws
- Torque: 62 Nm
- Speed: 400 / 1400 rpm
- Battery overload and Electronic Single Cell Protection
- 2.0 kg
- Includes: 2 x 2.6 Ah Li-Ion batteries, ASC 30 air cooled charger, side handle, carry case

**Part Number: SB 18 LT Impulse**


**metabo**

### 18V Hammer Drill

- Impulse removes damaged screws
- Torque: 100 Nm
- Speed: 400 / 1400 rpm
- Battery overload and Electronic Single Cell Protection
- 2.1 kg
- Includes: 2 x 2.6 Ah Li-Ion batteries, ASC 30 air cooled charger, side handle, carry case

**Part Number: SB 18 LTX Impulse**


**metabo**

### 18V Hammer Drill Skin Only

- Impulse removes damaged screws
- Torque: 100 Nm
- Speed: 400 / 1400 rpm

**Part Number: SB 18 SK LTX Impulse**


**HITACHI**  
Inspire the Next

### 13mm 18V Cordless Hammer Driver Drill

- 2 x 18v 3.0Ah Li-Ion batteries
- 13mm keyless single sleeve chuck with automatic spindle lock
- With 2-step action switch lever (Power mode/Save mode)
- Powerful 64Nm of torque
- 22-stage torque adjustment
- Lightweight, only weighs 2.2kg
- Comfortable non-slip grip handle

**Part Number: DV18DL(HL)**


**HITACHI**  
Inspire the Next

### 18V Cordless Hammer Driver Drill 'Naked'

- 13mm keyless single sleeve chuck with automatic spindle lock
- Powerful 64Nm of torque
- 22-stage torque adjustment
- Lightweight
- Comfortable non-slip grip handle
- With 2-step action switch lever (Power mode/Save mode)

**Part Number: DV18DL(H4)**



## CORDLESS - ROTARY HAMMER DRILLS

 **BOSCH**

### 18V Rotary Hammer

- NEW! 18V Rotary Hammer
- Brushless Motor
- EMP
- ECP
- 0-1400 rpm
- 0-4550 BPM
- 1.7Joules
- Max. Drill dia concrete 18mm
- over load clutch
- 2.6kg

**Product Code: GBH 18V-Li BAREBONES**





# POWER TOOLS

**metabo**

## 18V Rotary Hammer Drill Skin Only

- Max impact rate: 4,900 bpm
- SDS Plus fixed chuck
- Drills: Steel 10mm, Wood 22mm, Concrete 18mm
- Speed: 0-1100 rpm • 1.8 Joules
- Safety clutch with alloy gearbox
- Variable speed and rubber grip
- Includes: side handle, carrying strap, depth • Forward and reverse

**Part Number: BHA 18 SK LT**



**metabo**

## 25.2V Rotary Hammer Drill

- 3 Mode; Drill Steel and Wood / Concrete Chiselling
- Speed: 0-1,000 rpm
- Joules: 0-2.2
- Safety clutch - prevents kickback
- Soft start
- VTC electronics - constant Torque
- Includes: 2 x 2.2 Ah Li-Ion batteries, ASS 15 Plus air cooled charger, carry case

**Part Number: KHA 24 Li**



**BOSCH**

## 36V Rotary Hammer

- 3 mode SDS+ Rotary Hammer
- 3Joules
- 2 x 2.0Ah Li-Ion Compact batteries
- 45 min charge

**Product Code: GBH 36V-Li VF**



**HITACHI**  
Inspire the Next

## 14.4V Slide Li-ion Impact Driver Drill

- 2 x 3.0Ah Li-ion batteries
- 13mm chuck
- Hammer action
- Battery power indicator
- Multiple protection circuit built into batteries

**Part Number: DV14DSL(HL)**



**HITACHI**  
Inspire the Next

## 14.4V Slide Li-ion Brushless Impact Driver

- Brushless motor
- 2 x 3.0Ah Li-ion batteries
- Impact rate selector
- Rotational speed selector
- Battery power indicator

**Part Number: WH14DBL(HL)**



**Makita**

## 18V Mobile Brushless Impact Driver

- Brushless DC motor which creates more power with less maintenance and less heat
- Very compact design, only 139mm
- 3 stage impact selector, with a maximum torque of 165Nm
- Independent on/off LED job light
- Battery power warning lamp visually warns user that the remaining battery capacity is low
- One touch bit installation
- 22min battery charging time

**Part Number: BTD145RFE**



**metabo**

## 14.4V Cordless Lithium-Ion 1/4" Hex

- 3 Torque settings: 75/115/140Nm
- 3 Speed settings: 1,500/2,100/2,600rpm
- Battery overload and Electronic Single Cell Protection
- 1.7 kg
- Includes: 2 x 2.6 Ah Li-Ion batteries, ASC 30 air cooled charger, carry case

**Part Number: SSD 14.4**



## CORDLESS - IMPACT DRILLS

**BOSCH**

## 10.8V Impact Driver

- NEW! Impact Driver
- 105 Nm Max Torque
- 0-2600 rpm no load speed
- includes L-BOXX by Sortimo

**Product Code: GDR 10.8V-Li**



**HITACHI**  
Inspire the Next

## 10.8V Li-ion Impact Driver

- 2 x 1.5Ah Li-ion batteries
- Multiple protection circuit built into batteries
- Battery power indicator
- 105Nm Max. Torque
- LED light

**Part Number: WH10DL(HL)**



**BOSCH**

## 18V Impact Drill/Driver

- 160Nm
- 2 X 2.6Ah Li-Ion Batteries
- 30 Min Charger

**Product Code: GDR18V-Li**







### 18V Impact Drill/Driver

- NEW! Redback 18v Impact Drill/Driver
- 0-400/1400RPM
- 21,000BPM
- 2x1.3Ah Li-Ion Batteries
- 45Nm
- 45min charge
- 1.5kg

Product Code: GSB 18V-2 Li



### 18V Impact Drill/Driver

- Destroyer Heavy Duty Impact Drill
- 2 x 2.6Ah Li-Ion Batteries
- Electronic Motor Protection
- 80Nm
- 30 min Charge

Product Code: GSB 18VE-2Li



### 18V Cordless Impact Driver

- 2 x 3.0Ah 18V Li-Ion batteries
- Powerful 150Nm of torque
- Only weighs 1.6kg
- Comfortable non-slip grip handle

Part Number: WH18DL(HL)



### 18V Cordless Lithium-Ion 1/4" Hex

- 3 Torque settings: 80/125/160Nm
- 3 Speed settings: 1600/2150/2650Nmm
- Battery overload and Electronic Single Cell Protection
- 1.8 kg
- Includes; 2 x 2.6 Ah Li-Ion batteries, ASC 30 air cooled charger, side handle, carry case

Part Number: SSD 18



## CORDLESS KITS



### 10.8V Cordless Combo Kit

- PowerMaxx 12 Drill/Driver
- PowerImpact 12 Impact Driver
- 2 x 1.5 Ah Li-Ion 12 batteries
- LC 40 Charger
- Carry bag

Part Number: maX 12 Combo Kit



### 18V Mobile 4 Piece Combo Kit

Includes:

- BHP454Z - Mobile Hammer Driver Drill
- BSS610Z - Mobile 165mm Circular Saw
- BJR181Z - Mobile Recipro Saw
- BML185 - Swivel Head Torch
- BL1830 - 2 x 3.0Ah Li-Ion Batteries
- DC18RA - Charger

Part Number: LXT418



### 10 Piece 18V Cordless Combo Kit

- WH18DL: Cordless Impact Driver
- DV18DL: Cordless Hammer Driver drill
- CR18DL: Cordless Reciprocating Saw
- EBM1830 x 4: 18V 3.0AH Li-Ion Batteries
- C18DL: Cordless Circular Saw
- DH18DL: Cordless Rotary hammer
- RB18DL: Cordless Blower
- 2 x Heavy duty site bags
- G18DL: Cordless Grinder
- CJ18DL: Cordless Jig saw
- UB18DL: Lantern
- UB18D: Torch

Part Number: MP18(HL)



### 18V Cordless Kit - 4 Piece

- SB 18 LTX, 100 Nm Hammer Drill
- KSA 18 Circular Saw
- ASE 18 Sabre Saw
- ULA 14.4-18 Torch
- ASC 30 air cooled charger
- 2 x 2.6 Ah Li-Power Extreme batteries
- Carry bag

Part Number: SB LTX 4 Kit



### 18V Cordless Kit - 4 Piece

- SB 18 LTX, 100 Nm Hammer Drill
- BHA 18 LT, 1.8J SDS Plus 2x mode, Rotary Hammer
- ASE 18 Sabre Saw
- ULA 14.4-18 Torch
- ASC 30 air cooled charger
- 2 x 2.6 Ah Li-Power Extreme batteries
- Carry bag

Part Number: SB LTX R4





# POWER TOOLS

**metabo**

## 18V Cordless Kit - 5 Piece

- SB 18 LTX, 100 Nm Hammer Drill
- KSA 18 Circular Saw
- ASE 18 Sabre Saw
- SSD 18 Impact Driver
- ULA 14.4-18 Torch
- ASC 30 air cooled charger
- 2 x 2.6 Ah Li-Power Plus batteries
- Carry bag

**Part Number: SB LTX 5 PLUS**



**metabo**

## 18V Cordless Kit - Twin Pack

- BS 18 L, 48 Nm Drill/Driver
- SSD 18, 1/4" Hex Impact Driver, up to 160 Nm
- ASC 30 air cooled charger
- 2 x 2.2Ah Li-Power Plus batteries
- Carry bag

**Part Number: BSL-SSD 18**



**metabo**

## 18V Cordless Kit - Twin Pack

- BS 18 LT, 60 Nm Drill/Driver
- SSD 18, 1/4" Hex Impact Driver, up to 160 Nm
- ASC 30 air cooled charger
- 2 x 2.6 Ah Li-Power Plus batteries
- Carry bag

**Part Number: BSLT-SSD 18**



**metabo**

## 18V Cordless Kit - Twin Pack

- SB 18 LT, 62 Nm Hammer Drill
- SSD 18, 1/4" Hex Impact Driver, up to 160 Nm
- ASC 30 air cooled charger
- 2 x 2.6Ah Li-Power Plus batteries
- Carry bag

**Part Number: SBLT-SSD 18**



**metabo**

## 18V Cordless Kit - Twin Pack

- SB 18 LT, 62 Nm Hammer Drill
- SSW 18, 1/2" Square Impact Wrench, up to 220 Nm
- ASC 30 air cooled charger
- 2 x 2.6Ah Li-Power Plus batteries
- Carry bag

**Part Number: SBLT-SSW 18**



**BOSCH**

## Destroyer Kit

- 18V Kit - includes:
- 18V-Li Impact Drill
  - Circular Saw
  - Sabre Saw
  - Bag and 3 x 2.6Ah Li-Ion Batteries.

**Product Code: 18V-Li Destroyer Kit**



**BOSCH**

## Extreme Kit

- Impact Drill
- Sabre Saw
- Circular Saw
- 1 X 2.6Ah/2 x 1.3Ah Li-Ion batteries

**Product Code: 18X2 Extreme Kit**



**IR**  
Ingersoll Rand

## 1/2" Cordless Drill/Driver Kit

- The most power per pound of any cordless drill/driver in its class
- Industrial grade performance.
- Composite housing with metal subframe for unbreakable strength.
- Ideal for all drilling, boring, fastening and screwing applications.
- D650-KL2 comes with 2 x Li-Ion Batteries, Charger and IR Hard Case.
- Weight 1.45kg without battery.

**Part Number: D650-KL2**







### 1/2" Cordless Impact Wrench Kit

- Powerful cordless Impacttool™ (360ft-lb/488Nm).
- Lightweight Composite housing with metal subframe for unbreakable strength.
- Unique Twist to lock mount design attaches battery securely to tool.
- All metal hammer-case and housing ring. Variable Trigger.
- W360-KL2 comes with 2 x Li-Ion Batteries, Charger and IR Hard Case.
- Weight 2.2kg without battery.

Part Number: W360-KL2



### CORDLESS NAILER



### Gas Framing Nailer

- Uses Lithium-Ion battery technology as ignition source
- 1,200 nails (approx.) the number of nails per fuel cell
- Ergonomically designed handle with rubberised soft grip
- Dual position hook convenient for hanging from rafter or steel pipe
- Aggressive spikes allow for firm grip on material when firing
- LED indication lamp with two convenient functions:
  - Battery power warning
  - Trouble detection

Part Number: GN900



### CORDLESS - POWERSHEAR



### 18V Cordless Powershear

- Cuts 1.6mm sheet steel, 1.2mm stainless steel
- 50mm minimum cut radius
- 2-speed: 400/1,400 rpm
- Battery overload and Electronic Single Cell Protection
- Includes: 2 x 2.6 Ah Li-Ion batteries, ASC 30 air cooled charger, carry case

Part Number: KU 18 LT



### CORDLESS RADIO



### Jobsite Radio

- 2 speaker stereo system - max. output power 5W x2 (24V battery), diameter 76mm (8 ohm) x 2
- Bumpers and metal pipes protect against rough handling
- Dual power sources - AC or Makita batteries
- Digital quartz display
- Mp3 compatibility

Part Number: BMR100



### CORDLESS - RECIPROCATING SAW



### 18V Reciprocating / Sabre Saw - Skin Only

- Strokes per/min 0-2,700
- Quick release blade change
- Stroke Length 30mm
- Saw blade rotatable by 180°

Part Number: ASE 18 SK LTX



### CORDLESS - IMPACT WRENCHES



### 18V Cordless Lithium-Ion 1/2" Square Drive

- 3 Torque settings: 105/145/220Nm
- 3 Speed settings: 1,600/2,150/2,650rpm
- Battery overload and Electronic Single Cell Protection
- 1.8 kg
- Includes: 2 x 2.6 Ah Li-Ion batteries, ASC 30 air cooled charger, carry case

Part Number: SSW 18



### 14.4V Slide Li-ion Impact Wrench

- 2x 3.0Ah Li-ion batteries
- Battery power indicator
- Multiple protection circuit built into batteries
- Ergonomic soft grip handle

Part Number: WR14DSL(HL)



### 18V Cordless Impact Wrench 'Naked'

- Only weighs 1.6kg
- Comfortable non-slip grip handle
- With 2-step action switch lever (Power mode/Save mode)
- Same torque at reverse rotation
- 1/2" Square drive

Part Number: WR18DL(H4)



### 18V Cordless Impact Wrench

- Only weighs 1.6kg
- Comfortable non-slip grip handle
- With 2-step action switch lever (Power mode/Save mode)
- Same torque at reverse rotation
- 1/2" Square drive

Part Number: WR18DL(HD)





# POWER TOOLS

## CORDLESS ACCESSORIES - BATTERIES



### Cordless Power Tools Batteries

- After market batteries for most major cordless drill brands
- High capacity rechargeable batteries
- Extensive ever-expanding range



### Suits - AEG

Part Number	Description
<b>TBAEG04T</b>	12V 2200mAh NiCad AEG 3000-SERIES B12, BF12
<b>TBAEG05</b>	D14.4V 2200mAh NiCad AEG BX14.4, BF14.4, MX14.4
<b>TBAEG06</b>	18V 2000mAh Nicad AEG B18, BX18, BXS18, MSX18



### Suits - Paslode

Part Number	Description
<b>TBPAS2</b>	6V 2200mAh NiCad Paslode 404717, BCPAS-404717



### Suits - Makita



Part Number	Description
<b>TBMAK1</b>	7.2V 2.0Ah NiCd Makita Drill Battery - replaces 7000, 632002-4
<b>TBMAK2</b>	9.6V 2.0Ah NiCd Makita Drill Battery - replaces 9000, 632007-4
<b>TBMAK4</b>	12.0V 2.0Ah NiCd Makita Drill Battery - replaces 1220



### Suits - Makita



Part Number	Description
<b>TBMAK5</b>	14.4V 2.0Ah NiCd Makita Drill Battery - Replaces 1422
<b>TBMAK6</b>	18.0V 2.0Ah NiCd Makita Drill Battery - Replaces 1822



### Suits - Metabo



Part Number	Description
<b>TBMET5</b>	15.6V 2200mAh NiCad Metabo 6.31738, 6.31749, 6.31777



### Suits - DeWalt



Part Number	Description
<b>TBDEW3</b>	12.0V 2.0Ah NiCd B&D/DeWalt Drill Battery - replaces PS130 / DE9071
<b>TBDEW4</b>	14.4V 2.0Ah NiCd B&D/DeWalt Drill Battery - replaces PS140 / DE9091
<b>TBDEW5</b>	18.0V 2.0Ah NiCd B&D/DeWalt Drill Battery - replaces PS145 / DE9095



### Suits - Bosch



Part Number	Description
<b>TBBOS8</b>	14.4V 1900mAh NiCad Bosch BAT040, 2 610 909 013
<b>TBBOS9</b>	18V 2200mAh NiCad Bosch BAT025, 2 610 909 020



## ELECTRIC - ANGLE GRINDERS

**HITACHI**  
Inspire the Next

### 100mm Angle Grinder

- Class leading durability due to lowest stator temperature increase for given load
- Powerful 730W motor
- Complete with 1 x grinding wheel, 3 x cutting wheels, 1 x diamond wheel, 1 x 8m tape measure and carry case

**Part Number: G10SR3-BP**



**HITACHI**  
Inspire the Next

### 100mm Angle Grinder

- Powerful 760W motor
- High power to weight ratio
- Advanced seal technology
- Ergonomic 150 side handle

**Part Number: G10SD2**



**Makita**

### 100mm Angle Grinder

- Labyrinth structure seals around bearings and protects motor from dust and dirt
- Perfect for tile work
- Side switch for positive on and off
- Gear housing can be rotated to suit most cutting and grinding applications
- Shaft lock button for easy wheel changes
- Inner flange double sided - 16mm cutting and grinding, 20mm diamond blades

**Part Number: 9556NBK**



**metabo**

### 100mm 720w Angle Grinder

- Speed: 11,000 rpm
- Lightweight; 1.5kg
- Auto Stop Carbon Brushes
- Includes: Side handle, pin spanner

**Part Number: W 72-100**



**metabo**

### 100mm 800w Angle Grinder

- Speed: 10,000 rpm
- Safety Clutch - mechanical clutch prevents kickback
- Marathon Motor
- Auto Stop Carbon Brushes
- Spindle; Ø10mm
- Includes: Side handle, pin spanner

**Part Number: W 8-100**



**BOSCH**

### 100mm Angle Grinder

- 720W Slimline Angle Grinder side handle and spindle lock.
- Includes 3 x Grinding Disks

**Product Code: GWS 7-100 (CASE)**



**metabo**

### 115mm 800w Angle Grinder

- Speed: 10,000 rpm
- Safety Clutch - mechanical clutch prevents kickback
- Marathon Motor
- Quick Nut - No spanners required.
- Auto Stop Carbon Brushes
- Includes: Vibra tech side handle

**Part Number: W 8-115Q**



**BOSCH**

### 125mm Angle Grinder

- 720W Slimline Angle Grinder side handle and spindle lock.
- Includes 3 x grinding disks

**Product Code: GWS 7-125 (CASE)**



**HITACHI**  
Inspire the Next

### 125mm Angle Grinder

- High powered 1,200W motor
- Excellent overload capacity
- Three position side handle
- Advanced seal technology
- Low clearance gearbox
- Spindle lock

**Part Number: G13SC2**



**HITACHI**  
Inspire the Next

### 125mm Angle Grinder

- Spindle lock for easy to replace grinding wheel
- Safety Deadman Switch
- Wear resistance of armature coil
- Powerful 1,200W motor

**Part Number: G13SE2**





# POWER TOOLS

**HITACHI**  
Inspire the Next

## 125mm Angle Grinder

- Powerful 1,300W motor
- Anti-vibration handle, reducing vibration by 35%
- Increased wear resistance of the armature coil
- 11,000rpm

**Part Number: G13SB3**



**HITACHI**  
Inspire the Next

## 125mm Angle Grinder

- Powerful 730W motor
- Greatest overload durability in class
- Compact, lightweight and easy to use slide switch
- Complete with 1 x grinding wheel, 3 x cutting wheels, 1 x diamond wheel, 1 x 8m tape measure and carry case

**Part Number: G13SR3-BP**



**Makita**

## 125mm Angle Grinder

- The best possible ergonomically designed barrel grip
- Powerful 720W motor with excellent heat-resistance
- Slide switch conveniently located for one hand operation
- Ergonomic 20° side grip angle.  
The angle of the side grip to the gear housing has been increased from conventional 10° for easier handling

**Part Number: GA5030KX**



**Makita**

## 125mm Angle Grinder

- Unique Super Joint System (SJS)
- Patented Zig Zag varnish
- Long life auto cut out carbon brushes
- Soft start function
- Electronic speed controller keeps grinder disc rotating at a constant speed even under heavy loads
- Dial up variable speed control (9565CV)
- Electronic current limiter stops the current flow to the tool when overloaded, preventing motor burnout

**Part Number: 9565C**



**Makita**

## 125mm Angle Grinder

- SJS - Super Joint System
- Small gear housing for increased manoeuvrability
- Anti-vibration grip
- High dust-proof construction
  - Protective Zig Zag varnishment on armature
  - Protective powder varnish-coating on field
  - Bearing-protective labyrinth structure
  - Three dust-proof ball bearings seal out dust.
- Switch with easy-to-operate single-finger trigger

**Part Number: GA5020X1**



**metabo**

## 125mm 800w Angle Grinder

- Speed: 10,000 rpm
- Safety Clutch - mechanical clutch prevents kickback
- Marathon Motor
- Quick Nut - No spanners required.
- Auto Stop Carbon Brushes
- Includes: Vibra-Tech side handle

**Part Number: W 8-125Q**



**metabo**

## 125mm 950w Angle Grinder

- Variable Speed: 3,000-10,000 rpm
- Safety Clutch - mechanical clutch prevents kickback
- Marathon motor
- Restart protection
- Quick Nut - No spanners required
- Auto Stop Carbon Brushes
- Includes: Vibra-Tech side handle

**Part Number: WE 9-125Q**



**metabo**

## 125mm 1100w Angle Grinder

- Speed: 10,000 rpm
- Safety Clutch - mechanical clutch prevents kickback
- Marathon Motor
- Quick Nut - No spanners required
- Auto Stop Carbon Brushes
- Includes: Vibra-Tech side handle

**Part Number: W 11-125Q**



**metabo**

## 125mm 1100w Angle Grinder

- Speed: 10,000 rpm
- Safety Clutch - mechanical clutch prevents kickback
- Marathon Motor
- Quick Nut - No spanners required.
- BRAKE - Stops the machine within 3 seconds
- Auto Stop Carbon Brushes includes: Vibra-Tech side handle

**Part Number: WB 11-125Q**



**metabo**

## 125mm 1400w Angle Grinder

- Speed: 10,500 rpm
- Marathon Motor
- Quick Nut
- Auto Stop Carbon Brushes
- Constant Torque - Work faster
- Safety Clutch - Mechanical clutch prevents kickback
- Restart and overload protection, soft start
- Includes: Vibra-Tech side handle

**Part Number: WE 14-125Q**





**metabo**

### 125mm 1400w Angle Grinder

- Deadman Paddle
- Speed: 10,500 rpm
- Safety Clutch - Mechanical clutch prevents kickback
- Quick Nut • Marathon Motor
- Restart and overload protection, soft start
- Constant Torque - work faster • Auto Stop Carbon Brushes
- Includes; Vibra-Tech side handle

Part Number: WEP 14-125 Quick Protect


**metabo**

### 125mm 1400w Angle Grinder

- Speed: 10,000 rpm
- Marathon Motor
- 3 position rotatable rear handle
- Auto Stop Carbon Brushes
- High Torque; Delivers the performance of a large grinder in a size you can handle

Part Number: W 14-125 Ergo


**metabo**

### 125mm 1400w Angle Grinder

- Deadman paddle
- Speed: 10,500 rpm
- Constant Torque - work faster
- Marathon motor • Quick nut
- Safety Clutch - Mechanical clutch prevents kickback
- Restart and overload protection, soft start
- Auto Stop Carbon Brushes • Includes; Vibra-Tech side handle
- Autobalancer reduces grinders' vibration by up to 50% for longer disc life

Part Number: WEPA 14-125 QuickProtect


 **BOSCH**

### 125mm Angle Grinder

- 1,400W Angle Grinder Long life motor
- Bullet proof guard system

Product Code: GWS 1400C


 **BOSCH**

### 125mm Angle Grinder

- 1,400W Angle Grinder
- Anti Kick back & re-start protection
- Variable speed
- Soft Start

Product Code: GWS 14-125CIE


**metabo**

### 150mm 1400w Angle Grinder

- Deadman paddle
- Speed: 9,000 rpm
- Auto Stop Carbon Brushes
- Marathon motor
- Quick nut
- Safety Clutch - Mechanical clutch prevents kickback
- Restart and overload protection, soft start
- Constant Torque - work faster • Includes; Vibra-Tech side handle

Part Number: WEP 14-150 Quick Protect


**metabo**

### 180mm 2200w Angle Grinder

- Speed: 8,500 rpm
- Deadman switch
- Marathon motor
- 3 position rotatable rear handle
- 3 position Vibratex anti-vibration side handle
- Auto Stop Carbon Brushes
- Includes; Vibra-Tech side handle, pin spanner

Part Number: W 22-180


 **BOSCH**

### 230mm Angle Grinder

- 2200w Angle Grinder
- Light weight.
- Antivibration handles
- Bullet proof guard

Product Code: GWS 22-230 LV


 **BOSCH**

### 230mm Angle Grinder

- 2400w Angle Grinder
- Light weight
- Antivibration handles
- Kickback Stop
- Restart Protection
- Soft Start 3 swivel positions
- Bullet proof guard

Product Code: GWS 24-230 LVI


**HITACHI**  
Inspire the Next

### 230mm Angle Grinder

- Dust-proof ball bearing
- Long life carbon brushes
- Wear resistance of armature coil
- Powerful 2,400W motor

Part Number: G23SE2





# POWER TOOLS

**HITACHI**  
Inspire the Next

## 230mm Angle Grinder

- Powerful 2,400W motor
- Soft start for minimised kick back reaction
- Three position side handle
- Easy to use large safety lock switch

**Part Number: G23UB2**



**Makita**

## 230mm Angle Grinder

- 2,200W motor
- Outstanding durability
- Increased heat resistance
- Superior anti-dust structure
- Machined bevel gear for strength
- Soft grip for more comfort and control
- Gear housing can be positioned at every 90°

**Part Number: GA9020**



**Makita**

## 230mm Angle Grinder

- Zig zag varnish on armature to protect from debris
- Super anti-dust structure and increased heat resistance
- Low vibration rear handle
- Anti-vibration side handle
- Soft start
- Rotatable rear handle can be positioned to suit most cutting and grinding operations
- Torque limiter helps to prevent the lock nut from over-tightening

**Part Number: GA9040S01**



**metabo**

## 230mm 2200w Angle Grinder

- Speed: 6,600 rpm
- Marathon motor
- Deadman switch
- 3 position rotatable rear handle
- 3 position Vibratex anti-vibration side handle
- Auto Stop Carbon Brushes
- Includes; Vibra-Tech side handle, pin spanner

**Part Number: W 22-230**



**metabo**

## 230mm 2400w Angle Grinder

- Speed: 6,600 rpm
- Marathon motor
- Deadman switch
- 3 position rotatable rear handle
- 3 position Vibratex anti-vibration side handle
- Auto Stop Carbon Brushes
- Includes; Vibra-Tech side handle, pin spanner

**Part Number: W 24-230**



**metabo**

## 230mm 2400w Angle Grinder

- Speed: 6,600 rpm
- Deadman switch
- Quick nut
- S-Automatic safety stop
- 3 position rotatable rear handle
- Marathon motor - extends tool life
- Overload protection, soft start
- 3 position Vibratex anti-vibration side handle
- Auto Stop Carbon Brushes
- Includes; Vibra-Tech side handle, pin spanner

**Part Number: WX 24-230Q**



## ELECTRIC - CIRCULAR & CUT-OFF SAWS

**EVOLUTION**  
POWER TOOLS



### Evolution Rage Saws

Cuts steel, aluminium, wood and plastic. Easily cuts wood with nails. No coolant required and produces virtually no sparks. Out performs normal saws.

Part Number	Description
<b>EVO-RAGE</b>	Rage 185mm 1050W TCT Multi-Purpose Circular Saw
<b>EVO-RAGE2</b>	Rage2 355mm 2000W TCT Multi-Purpose Cut Off Saw
<b>EVO-RAGE3</b>	Rage 3 255mm 2000W TCT Multi-Purpose Sliding Mitre Saw

**EVOLUTION**  
POWER TOOLS



### Evolution Raptor Saws

Part Number	Description
<b>EVO-RAPTOR355</b>	<b>RAPTOR 355MM TCT CUT-OFF SAW</b>
Cut off saw cuts steel, aluminium and stainless without heat, burrs or coolant. 2200w motor has power to spare for even the most demanding everyday jobs and is easy to transport for site work. Cleanest, quickest and most economical way of cutting mild steel. Ideal for cutting box section, beams, cast iron pipe, scaffolding and metal studding. <b>Includes:</b> jig plate, hex wrench and safety goggles.	
<b>EVO-EXTREME230</b>	<b>EXTREME 230MM TCT CIRCULAR SAW</b>
Builds on the phenomenal Evolution 230 and incorporates even more revolutionary technology. Takes steel cutting technology to a new level - large cutting capacity. Compact and portable - easily transported to site in its supplied carry case. Ideal for cutting steel plate, box section, cast iron pipe, scaffolding, cladding and roofing. <b>Includes:</b> site handle, fence guide, safety goggles, batteries, spanner and ear plugs. Designed to cut Steel, Aluminium and Stainless Steel. Motor 1750W, 2700rpm.	

**HITACHI**  
Inspire the Next

## 185mm Circular Saw

- Easy access adjustment lever with 55° bevel capacity
- Magnesium gear cover, blade cover and lower guard
- Soft and comfortable with slip resist and moulded grip
- Heavy duty die cast aluminium base

**Part Number: C7SB2-K**







### 185mm Circular Saw

- Thin kerf blade cuts through all grades of timber even hardwoods
- Improved handle design gives great balance
- Bevel lock to 45°
- Calibrated aluminium base for increased accuracy

**Part Number: 5740NBSP**



### 185mm Circular Saw

- Maximum cutting depth of 63.5mm
- Powerful 1800W motor
- Depth guide calibrated for accurate adjustment
- Lightweight at only 4.6kg
- Built-in job light using twin LED light
- Blower function for a better cutting view
- Maximum bevel capacity: 56°
- Bevel adjustment with positive stops at 22.5°, 45° and 56°

**Part Number: 5007MGK**



### 190mm Circular Saw

- Powerful 1010W motor
- Accurate and sturdy die-cast aluminium base
- Base provided with parallel adjustment
- High performance 40 tooth 190mm blade

**Part Number: C7MFA**



### 235mm Circular Saw

- Powerful 2000W motor
- Heavy duty die-cast Base offering greater precision and accuracy
- Adjustable cutting line indicator
- Blower function to remove dust from cutting line

**Part Number: C9SA2**



### 235mm Circular Saw

- Powerful 2,000W motor designed to handle all applications in soft and hardwoods
- Repositioned fan vent, to blow the cutting line clean
- Cutting window to give you a clear view of your line and blade
- An excellent saw for ripping and cross-cutting

**Part Number: N5900B-2**



### 2300W Metal Cut Off Saw

- Capacity; Steel Bar Ø65mm, Steel Pipe Ø125mm, Steel Section Ø115x130mm
- Quick action adjustable clamp
- Adjustable spark deflector
- Locking pin & transport handle
- Mitre clamp; -15° to 45° • Speed: 4,000 rpm
- Auto Stop Carbon Brushes
- Includes; 1 x Metabo 14" Cut Off Wheel

**Part Number: CS 23-355**



### 14" Cut Off Machine

- Powerful 2400W motor
- Soft grip handle
- Spindle lock system
- One touch vice system for quick feeding and easy tightening

**Part Number: CC14SF**



### 580A Abrasive Saw

Capable of cutting pipe, tube, channel and bar stock at different angles with fingertip control. Has a lock button on the on/off switch, large lower guard, fast cutting heavy-duty saw cuts for steel aluminium and other metals and adjustable angles 45° and 90°.

**Part Number: 76542**



### 614 Dry Cut Saw

Features carbide-tipped blade to cut different materials and geometric configuration without cutting fluid. Cutting generates no burr, abrasive dust or heat, providing clean and fast cuts on steel, plastic and wood.

**Part Number: 80531**



### 355mm Portable Cut Off

- D-shape handle for easy gripping
- Lock off button to prevent accidental starting
- Spark diversion guard for operator safety
- Guide plate adjusts 45° right and left
- Quick release vise for secure stock retention and fast repeated cut offs
- Rear fence can be located in 3 positions for various size stock
- Shaft lock for easy wheel changes

**Part Number: 2414NB-2**





# POWER TOOLS

## ELECTRIC - DIE GRINDERS

**metabo**

### 500W Die Grinder

- Ideal for sharpening and deburring
- 27,000 rpm
- Auto stop carbon brushes
- Includes: 2 x open end spanners, 1/4" Collet
- 1/4" Collet
- Weight 1.4kg

Part Number: G 500



**metabo**

### 710W Die Grinder Variable Speed

- Weight; 1.8kg
- Speed: 7,000 - 27,000 rpm
- Auto stop carbon brushes
- Extended spindle length with double ball bearings in solid steel tube
- Includes; 1 x Open End Spanners, 1/4" Collet
- 1/4" Collet
- Marathon Motor - extends tool life
- Spindle lock; easy/quick bit change

Part Number: GE 700



**metabo**

### 900W Die Grinder Variable Speed

- Speed: 2,500 - 6,000 rpm
- 1/4" Collet
- Spindle Lock; Easy/quick bit change
- Includes; 1 x Open End Spanners, 1/4" Collet
- Marathon Motor - extends tool life
- Auto Stop Carbon Brushes

Part Number: GE 900 Plus



**BOSCH**

### 500W Straight Grinder

- 500w Straight Grinder 27,000 rpm
- collets up to 8mm

Product Code: GGS 27



## ELECTRIC - DRILL

**metabo**

### 400W Drill

- High speed / low torque
- Variable speed; 4,000rpm
- Forward and reverse
- Auto stop carbon brushes
- Weight; 1.2kg
- Ideal for pop-rivet holes etc.
- Drills: steel, wood 6mm / 12mm
- 10mm keyless chuck
- Rubber grip handle

Part Number: BE 4006



## ELECTRIC - DEMOLITION HAMMERS

**HITACHI**  
Inspire the Next

### Demolition Hammer

- Powerful 1400W motor
- Strongest demolition power and durability in this class
- Low noise and vibration level
- Triple dust sealed, double insulated design

Part Number: H65SB2



**HITACHI**  
Inspire the Next

### Demolition Hammer

- High Chipping and demolishing performance with low noise and vibration levels
- Variable Lock mechanism for easy working adjustment of chisels
- Extended wear Autostop carbon brushes
- Newly designed vibration absorbing rear handle

Part Number: H45MRY(H1)



**metabo**

### 1300W Demolition Hammer - SDS Max

- Impacts: 2,840 ipm
- 14 Joules
- Metabo Vibra Tech; reduced vibration
- Constant Torque & Soft Start
- Chisel lockable in 12 positions
- Weight; 6.3kg
- Includes: Vibra tech side handle, grease, cloth, carry case

Part Number: MHE 56



**metabo**

### 1600W Demolition Hammer - SDS Max

- Impacts: 1,950 ipm
- 27 Joules
- Metabo Vibra Tech; reduced vibration
- Constant Torque & Soft Start
- Chisel lockable in 16 positions
- Vibra Tech side handle lockable in 3 individual positions
- Includes: Vibra tech side handle, grease, cloth, carry case
- Weight; 11kg

Part Number: MHE 96



**BOSCH**

### Demolition Hammer

- 30mm internal hexagon tool holder
- 1,750 W 45J

Product Code: GSH 16-30



**Makita**

### Demolition Breaker - 30mm Hex Shank

- Suppression of motor speed during no-load
- Reduces vibration of tool body when idling, accordingly decreases the amount of vibration to operator's hands
- Minimises deflection of bit tip from aiming point when starting clipping
- AVT (Anti-Vibration Technology)
- Electronic with;
- Variable speed control by dial
- LED service light that indicates when to replace carbon brush
- LED power light that indicates trouble with the electric circuit

Part Number: HM1317C





## ELECTRIC - HAMMER COMBI DRILLS

**metabo**

### 1300W Combi Hammer - SDS Max

- 2 mode; Rotary hammer drilling, chiselling
- Impacts: 2,840 ipm
- Drilling Capacity; Ø45mm
- Torque Limiting Clutch
- Metabo Vibra Tech; reduced vibration in handles
- Constant Torque and Soft Start
- LED Service Lights; Power and brush wear indicator
- Includes: Vibra tech side handle, grease, cloth, carry case
- Weight; 6.7kg
- 8/14 Joules

Part Number: KHE 56



**metabo**

### 1700W Combi Hammer - SDS Max

- 2 mode; Rotary hammer drilling, chiselling
- Impacts: 1,950 ipm
- 27 Joules
- Metabo Vibra Tech; reduced vibration in handles
- Constant Torque and soft start
- Includes: Vibra tech side handle, grease, cloth, carry case
- Drilling Capacity; Ø50mm
- Torque limiting clutch
- Weight; 11.8kg

Part Number: KHE 96



## ELECTRIC - IMPACT HAMMER DRILLS

**metabo**

### 560W Impact / Hammer Drill

- Variable Speed: 0-2,800 rpm
- Drills: Steel, Wood, Concrete 10mm / 20mm / 12mm
- Forward & Reverse
- 13mm keyless chuck
- Auto Stop Carbon Brushes
- Rubber Grip handle
- Includes: Side handle, depth stop, carry case
- Weight 1.7kg

Part Number: SBE 561



**metabo**

### 750W Impact / Hammer Drill

- Variable Speed: 0-1,000/0-3,100 rpm
- Drills: Steel, Wood, Concrete 13mm / 40mm / 20mm
- Alloy 2 x speed gearbox
- Safety Clutch - prevents kickback
- Marathon Motor - extends tool life
- Auto Stop Carbon Brushes
- Includes: Side handle, depth stop, carry case
- 13mm metal keyless chuck

Part Number: SBE 751



**metabo**

### 1100W Impact / Hammer Drill

- Variable Speed: 0-900/0-2,600 rpm
- Drills: Steel, Wood, Concrete 16mm / 40mm / 20mm
- Alloy 2 x speed gearbox
- Safety Clutch - prevents kickback
- Marathon Motor
- Restart and overload protection, Carbon Brush wear - LED
- Constant Torque Includes: Side handle, depth stop, carry case
- Auto Stop Carbon Brushes
- 13mm metal keyless chuck
- Soft Start

Part Number: SBE 1100 Plus



**Makita**

### 13mm Hammer Drill

- Aluminum gear housing cover
- Keyed chuck
- Side handle swivels 360°
- Variable switch with forward/reverse change lever
- Rubberised soft grip
- Dual-operation mode: Rotation only/Hammering with rotation

Part Number: HP1630K



**Makita**

### 13mm 2 Speed Hammer Drill

- This power packed hammer drill will take on the most demanding jobs with ease
- Built in torque limiter reduces risk of damage to the drill and operator if the bit jams
- 2 speed gearbox forward / reverse
- Keyless chuck

Part Number: HP2051



**HITACHI**  
Inspire the Next

### 13mm Light Industrial Impact Drill

- Powerful 530W motor
- 13mm keyless chuck for quick and easy replacement of accessories
- Ball and needle bearing construction
- Standard with carry case

Part Number: FDV16VB2



**HITACHI**  
Inspire the Next

### 16mm Impact Drill

- Compact design ensures high operation
- Comfortable, easy to grip handle
- Lightweight of only 1.5kg
- Powerful 590 watts

Part Number: DV16V



**HITACHI**  
Inspire the Next

### 20mm Impact Drill

- Synchronised gear shift mechanism
- Powerful 730W motor
- Easy to handle large trigger
- Variable speed and reverse

Part Number: DV20VB2(H8)



**BOSCH**

### 1100W Impact Drill

- "NEW! 1100 W Impact Drill
- 0-900/3000 rpm
- overload clutch
- Auto-lock 13 mm
- keyless chuck
- 22mm concrete capacity

Product Code: GSB21-2 RE KLC





# POWER TOOLS

## ELECTRIC - ROTARY HAMMER DRILLS

**HITACHI**  
Inspire the Next

### 24mm Rotary Hammer

- Powerful 800W motor with top class drilling speed
- Forward/Reverse changeover switch
- Idle hammering prevention mechanism
- Slip resistant, double layer moulded gear cover and handle

**Part Number: DH24PC3**



**HITACHI**  
Inspire the Next

### 30mm Rotary Hammer Drill

- Powerful 850W motor
- Massive 5.4 Joules impact energy
- SDS + Chuck
- 3 mode action: Rotation  
Rotation + Hammering  
Hammering only

**Part Number: DH30PC2**



**metabo**

### 705W Rotary Hammer Drill - SDS Plus

- 4 x mode - Rotary hammer drilling
- Variable Speed; 0-1,050/0-2,900 rpm
- Drills: Steel, Wood, Concrete 13mm / 30mm / 22mm
- 0-2.2 Joules • Marathon Motor • Quick change chuck
- Forward & Reverse • Safety Clutch - prevents kickback • Weight; 2.7kg
- Includes: Side handle, carry case, additional 13mm metal keyless chuck

**Part Number: UHE 22 Multi**



**metabo**

### 800W Rotary Hammer Drill - SDS Plus

- 3 x mode - Rotary hammer drilling, drilling; chiselling
- Variable Speed; 0-1,150 rpm
- Drills: Steel, Wood, Concrete 13mm / 30mm / 24mm
- 2.4 Joules • Safety Clutch - prevents kickback
- Weight; 2.5kg

**Part Number: KHE 2443**



**metabo**

### 900W Rotary Hammer Drill - SDS Plus

- 3 x mode - Rotary hammer drilling, drilling, chiselling
- Variable Speed; 0-780 rpm
- Drills: Steel, Wood, Concrete 16mm / 40mm / 32mm
- Safety Clutch - prevents kickback • 0-3.5 Joules
- Marathon Motor • Weight; 3.5kg
- Forward & Reverse - Carbon Brush wear - LED
- Constant Torque & Soft Start - Quick change chuck - 3 seconds
- Includes: Side handle, depth stop, carry case

**Part Number: KHE 32**



**metabo**

### 1010W Rotary Hammer Drill - SDS Plus

- 4 x mode - Rotary hammer drilling
- Variable Speed; 0-950/0-2,600 rpm
- 0-2.4 Joules
- Drills: Steel, Wood, Concrete 16mm / 40mm / 28mm
- Includes: Side handle, carry case, additional 13mm metal keyless chuck
- Restart and Overload protection, Carbon Brush wear - LED
- Constant Torque and Soft Start
- Safety Clutch - prevents kickback
- Marathon Motor
- Quick change chuck - 3 seconds
- Weight; 2.8kg

**Part Number: UHE 28 Plus**



**metabo**

### 1010W Rotary Hammer Drill - SDS Plus

- 3 x mode - Rotary hammer drilling, drilling, chiselling
- Variable Speed; 0-1,000 rpm
- Drills: Steel, Wood, Concrete 13mm / 40mm / 28mm
- Safety Clutch - prevents kickback
- 0-2.5Joules
- Soft Start
- Restart and carbon brush wear LED
- Quick change chuck - 3 seconds
- Includes: Side handle, depth stop, carry case
- Marathon Motor
- Weight; 2.7kg
- Constant Torque
- CODE Compatibility

**Part Number: KHE 28 Plus**

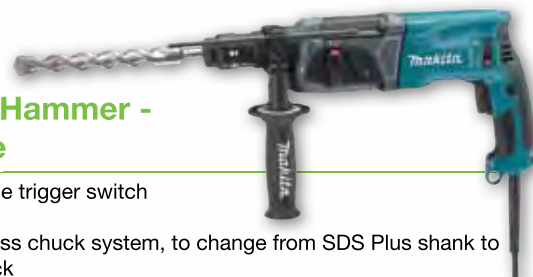


**Makita**

### 24mm Rotary Hammer - SDS Plus Type

- Easy to operate large trigger switch
- Lock on button
- Quick change toolless chuck system, to change from SDS Plus shank to 3 joule keyless chuck
- 3 mode - hammer, rotary hammer and drilling
- Speed and torque in reverse are the same as forward rotation by using brush holder unit
- One-touch sliding chuck enables easy bit change
- Features a built-in LED job light

**Part Number: HR2470FT**



**Makita**

### 32mm Rotary Hammer - SDS Plus Type

- Change lever positioned on the top of the machine for reduced possibility of breakage
- 3 mode - Rotary Drilling/Chiselling/Drilling
- Torque limiter
- One-touch sliding chuck for easy bit changes
- 24 Bit angle settings for chiselling
- Electronic with;
  - Variable speed control by dial
  - LED power light that indicates trouble with the electric circuit
  - Soft start for suppressing start-up reaction
- Sequential drilling for optimum drill performance

**Part Number: HR3200C**







### 800W Rotary Hammer Drill

- SDS+ Rotary Hammer
- 800W
- 0-900rpm
- 3 mode 3J

Product Code: GBH 2-26DBR



### 900W Rotary Hammer Drill

- SDS+ Rotary Hammer
- 900w
- 4-32mm concrete capacity
- Quick change chuck 5J
- Kit includes: 4kg Hammer, Quick change Chuck, Spade and Point Chisel 6 piece Spade bit ser, 4 SDS PLUS drill bits

Product Code: GBH 4 Premium

## ELECTRIC - HIGH TORQUE DRILLS



### 13mm High Torque Drill

- Adjustable handles for comfortable grip
- Built for high torque applications
- Powerful 720W motor
- Triple reduction gearing

Part Number: D13



### 750w High Torque Drill - 75Nm

- Variable speed; 0-650 rpm
- Drills: 16mm Steel, 40mm Wood
- 13mm keyed chuck
- Safety Clutch - prevents kickback
- Auto Stop Carbon Brushes
- Side handle • Weight; 2.3kg
- Includes: side handle

Part Number: BE 75-16



### 1100W Extra High Torque Drill 55Nm

- Variable Speed: 0-640/0-1,200 rpm
- Drills: Steel, wood 16mm / 40mm
- Forward and reverse
- Safety Clutch - prevents kickback
- Alloy 2 x speed gearbox
- 16mm metal keyed chuck
- Auto Stop Carbon Brushes
- Includes: Side handle, depth stop

Part Number: BDE 1100

## ELECTRIC - IMPACT WRENCHES



### 12.7mm Impact Wrench

- Powerful 480W motor with maximum torque of 360Nm
- Compact and lightweight
- Slip resistant and comfortable soft grip handle
- Higher durability thanks to metallic bearing bushing

Part Number: WR16SA



### Impact Wrench

- Powerful 850W motor with maximum torque of 610Nm
- Compact and lightweight
- Slip resistant and comfortable soft grip handle
- Durable double-insulated motor due to the highly strong (rigid) aluminium die-cast body

Part Number: WR22SA

## ELECTRIC - JIGSAWS



### 570W Variable Speed Jigsaw

- Variable Speed: 1,000 - 3,300 rpm
- Cutting Capacity; Wood; 70mm NF Steel; 20mm
- 4 level pendulum blade movement; allows faster, cleaner cutting and extends blade life
- Blower for free view of cutting line
- Anti-splintering insert
- Includes: Blade, carry case, allen key
- Base plate with quick stop bevel settings for 15°, 30° & 45°

Part Number: STEB 70Q



### 720W Variable Speed Jigsaw

- Variable Speed: 1,000 - 3,000 rpm
- Cutting Capacity; Wood; 135mm NF Steel; 35mm
- 5 level pendulum blade movement; allows faster, cleaner cutting and extends blade life
- Blower for free view of cutting line
- Anti-splintering insert
- Auto stop carbon brushes
- Base plate with quick stop bevel settings for 15°, 30° & 45°
- Includes: 3 x Blades, carry case, allen key

Part Number: STE 135 Plus



### Jigsaw

- Powerful 720W motor
- Professional Jigsaw designed to give a superior finish
- Variable speed control with constant speed electronics
- Extremely low vibration
- Quick tool-less blade changes
- Built in dust blower
- 3 mode oscillating feature allows faster cutting
- Built-in Maklite for easy tracing of cutting line when lighting is inadequate
- Barrel handle design
- Tilting base that cuts up to 45°

Part Number: 4351FCT



# POWER TOOLS



## 750W Jigsaw

- 150mm cut in wood
- 4 stage pendulum action
- SDS blade change

Product Code: GST 150CE



## 1800W 10" Sliding Compound Mitre Saw

- Max Cut depth: 90°- 90mm, 45°- 47mm,
- Max Cut width: 90°- 305mm, 45°- 205mm,
- Mitre left to right: 47°
- Bevel left: 45°
- Includes: clamp, laser/Lamp, stop blocks, table length extensions, slide function

Part Number: KGS 254



## ELECTRIC - MITRE SAWS



## 255mm Compound Mitre Saw

- Will accept 260mm TCT blades
- Bevel cuts 45° left only
- Electric brake
- Removable safety lock button
- Precision machined aluminium base, with fully calibrated angles
- Solid one piece guide fence that keeps a dead straight line to perform true mitres
- Power to perform all cutting applications and maintains a high degree of accuracy
- Dust extraction to bag or dust extraction system

Part Number: LS1040



## 255mm Compound Mitre Saw

- 1520W motor, intense power for toughest jobs
- Horizontal handle with soft, vibration reducing elastomaster grip
- Thumb activated positive stops, easy to use for quick mitre adjustments
- Sub-fence is now Pivot type for improved operability during bevel cutting
- Safety trigger

Part Number: C10FCE2(H1)



## 260mm Slide Compound Mitre Saw

- Capable of diagonal cutting up to 168mm crown moulding
- DXT (Deep eXact cutting Technology)
- Capable of vertical cutting up to 120mm baseboard
- Electric brake
- Double sliding guide fence
- Bevel range of 45° right and left with positive stops at 22.5°, 33.9°, 45°
- Mitre range of 60° right and 52° left

Part Number: LS1016



## 262mm Slide Compound Mitre Saw

- Built-in soft start and electronic constant speed control
- Positive angle stoppers for desired angle cut
- Poly V-belt and motor driving system for longer life
- Splinter guard, also serving for cut alignment

Part Number: C10FSB



## 1400W Sliding Compound Mitre Saw

- 1400w
- Sliding compound mitre saw
- Dual rail
- 48 left bevel

Product Code: GCM 800S



## 1800W Sliding Compound Mitre Saw

- 1800w
- Sliding compound mitre saw
- dual rail
- 47left/47 right bevel

Product Code: GCM 12SD



## ELECTRIC - PLANERS



## 82mm Finishing Planer

- 500W motor
- Comes with TCT blades
- Highest power to weight ration in its class
- Maximum pass of 1mm

Part Number: P20SB(TCT)



## 82mm Planer

- Powerful 850W motor
- Cutting depth of 4mm and 25mm rebate capability makes this a versatile performer
- Depth adjustment dial with easy to read scales
- Accurate 'click' stops and ergonomic design
- Chip ejection adjustable either side
- Standard mini reversible TCT blades that provide a razor sharp long cutting life

Part Number: KP0810





## ELECTRIC - POLISHER

**metabo**

### 1200W Polisher - Variable Speed

- Variable Speed; 700-2,200 rpm
- Weight; 2.4Kg
- Pad; Ø175mm
- Spindle Thread; ØM14
- Soft Start and Constant Torque
- Includes: Side handle, hand guard, pad
- Overload and Restart Protection
- Auto Stop Carbon Brushes

Part Number: PE 12-175



## ELECTRIC - ROUTER

**Makita**

### 12mm (1/2") Plunge Router

- Linear ball bearing for super-smooth plunge action
- Precision cutting depth adjustment, cutting depth is adjustable in 0.1mm increments
- Easy to read cutting depth scale
- Quick depth setting button
- Stopper block enables to obtain 3 different cutting depths
- Tool-less one touch change of template guide

Part Number: RP1800



## ELECTRIC - SANDER - BELT

**Makita**

### 76mm Belt Sander

- Powerful and versatile - can use both 76mm and 100x610mm belts
- Fine adjustment tracking
- Large lever for quick belt changes
- Excellent for floor sanding, cleaning and smoothing off table and bench tops and can be connected to dust extraction system
- Low profile nose and extended roller
- Graphite pad for reduced belt wear and reduced heat in the sanding area

Part Number: 9924DB



## ELECTRIC - SANDER - ORBITAL

**Makita**

### 1/3 Sheet Orbital Sander

- Compact and lightweight design for easy handling and high manoeuvrability
- Powerful heavy-duty motor featuring increased power input obtained by redesigned cooling system
- Easy to operate paper with large clamp lever
- Rubberised soft grip
- Rigid aluminium foot with sponge sleeve provides high durability and effective vibration absorbing performance

Part Number: BO3710X



**BOSCH**

### 250W Sander

- 250w
- Sander
- Random Orbit
- Variable speed
- MICROFILTER dust extraction

Product Code: GEX 125-1AE



## ELECTRIC - SANDER - POLISHER

**HITACHI**  
Inspire the Next

### 180mm Sander / Polisher

- Powerful 950W motor
- No-load speed range: 1900-3400rpm
- Two-speed dust sealed switch
- Robust construction for longer life

Part Number: SAT180



**HITACHI**  
Inspire the Next

### 180mm Variable Speed Sander/Polisher

- 'D' shaped handle offers comfort and control to the user
- High power with a 1,250W motor
- Robust construction for longer life
- Variable speed dial and trigger

Part Number: SP18VA



## ELECTRIC - SAW - RECIPROCATING

**Makita**

### Recipro Saw

- 1,010W motor drives a more efficient cutting action with less wear and drain on the machine
- Strokes-per-minute have been increased by almost 20% on previous model
- Minimal vibration
- A bigger variable speed trigger with lock-on button
- Rubber cladding
- Push in tool-less blade change system with quick release

Part Number: JR3050T



**metabo**

### 1200W Reciprocating Sabre Saw

- Variable Speed: 0-2,600 Strokes p/m
- Sawing Blade Stroke; 28mm
- Toolless saw blade change
- Soft Start
- Adjustable Depth Stop
- Saw blade rotatable by 180°
- Includes: 3 x Saw Blades, carry case

Part Number: PSE 1200





# POWER TOOLS

## ELECTRIC - SCREWGUN

**metabo**

### 550W High Torque Screwgun

- Variable Speed: 0-900 rpm
- Bit Retainer; 1/4" Hex
- Torque; 40Nm • 10 torque settings + Maximum
- Marathon motor • Forward and reverse
- Adjustable/removable depth stop
- Auto Stop Carbon Brushes

Part Number: USE 8



**metabo**

### 550W Roofing Screwgun

- Variable Speed: 0-2,100 rpm
- Bit Retainer; 1/4" Hex
- Torque; 18Nm • 10 torque settings
- Marathon Motor
- Adjustable/removable depth stop
- Forward & Reverse
- Auto Stop Carbon Brushes
- Includes: Depth stop

Part Number: DWSE 6.3



## ELECTRIC - SHEARS

**metabo**

### 550W Shears

- Cutting Capacity; Mild steel 2.5mm/Aluminium 2.5mm
- Speed: 3,000 rpm
- Torque: 6 Nm
- Cuts and trims without burrs
- Auto Stop Carbon Brushes
- Includes: 2 Spanners
- Minimum cut radius in either direction; 20mm

Part Number: KU 6870



**metabo**

### 560W Powershear

- Ideal for corrugated sheets etc
- Cutting Capacity; Sheet steel: 1.6mm
- Stainless steel; 1.2mm
- Speed: 2,800 rpm
- Torque: 5 Nm
- Minimum cut radius; 50mm
- Auto Stop Carbon Brushes

Part Number: B 561 Power Shear



## ELECTRIC - TABLE SAW

**metabo**

### 2000W 10" Table Saw

- Max cut depth at 90°/45°: 77/51mm
- Bevel: -1.5 to 46.5°
- Max ripping width: 620mm
- 2 dust extraction ports prevent mess
- Includes: mitre and rip fences, 34 TCT blade

Part Number: TS 250



## ELECTRIC - TILE SAWS

**clipper**

### TT 180 BM Tile Saw - 550w

- A small and lightweight table top tile saw easily transportable with its protecting case.
- Delivered in a strong plastic suitcase for protection and easy transportation and storage.
- Removable plastic water tray for easy cleaning and water filling.
- Tilting table - perfect for mitre cut from 0° to 45°
- Light weight - easy to move and to handle.
- 1 diamond blade and tools included.



Part Number	Size mm Length x Width x Height	Weight (kgs)	Specification Power x Voltage
TT180BM-230V	440 x 390 x 230	15.0	550W x 230V

**clipper**

### TT 250 G Tile Saw - 1000 W

- A powerful professional table top tile saw with a unique blade guard support avoiding interference with products.
- Powerful 1kw motor.
- Tilting table perfect for mitre cuts up to 45°.
- 250mm blade capacity gives a maximum depth of cut of 55mm, or 35mm at 45°
- Unique guard design to avoid interference with the material.
- Long lasting stainless steel table.
- 1 diamond blade and tools included.



**clipper**

### TR 250 H Tile Saw - 1.3 kW

- Our new CLIPPER TR250H is a robust and high quality machine completing perfectly our Tile saws product range. Its maximum length reaches 1000mm.
- Folding legs & transport wheels for easy transportation and storage.
- Electrical water pump protected from slurries - reliability and optimum blade cooling efficiency.
- Tilting cutting head rail - perfect for mitre cut from 0° to 45°.
- Tilting head (cutting depth direction) - adaptation of cutting depth.
- Side and rear deflectors - water splash protection for better working area cleanliness.
- Side extension Improve big size materials stability while cutting.



Part Number	Size mm Length x Width x Height	Weight (kgs)	Specification Power x Voltage
TR250H-230V	1400 x 670 x 1460	73.0	1.3kW x 230V



## THICKNESSER

### 1800W Thicknesser

- Passage width/height: 152/330mm
- Feed speed: 7m/min
- Max cut depth: 3mm
- Includes: Push stick, dust extraction adaptor, reversible HSS blades

Part Number: DH 330



## ELECTRIC - TRIMMER - LAMINATE

### 6.35mm (1/4") Laminate Trimmer

- Rubberised soft grip
- Smooth and accurate fine depth adjustment with rack and pinion mechanism
- Transparent plastic base for clear view of trimming edge
- Power supply cord attached to the top of housing allows for easy grip and handling

Part Number: 3709X



## NUT SETTER - MAGNETIC



### Nut Setter - Magnetic

- For hexagon headed bolts, screws and nuts
- External hexagon with strong permanent magnet
- 1/4" Hex Drive

Part Number	Head	Length
05 060225 001	8mm	65mm
05 060235 001	10mm	65mm
05 060255 001	1/4"	65mm
05 060260 001	5/16"	65mm
05 060265 001	3/8"	65mm

## CHISELS - POWER

### Pointed Chisel

For general purpose chiselling and breaking work in brickwork, concrete and loose stone, for example when laying cables.



### Flat Chisel

For general purpose chiselling and breaking work in brickwork, concrete and loose stone (targeted chiselling).



### Angle Head Chisel

For general purpose chiselling and breaking work in brickwork, concrete and loose stone (targeted chiselling).



### Toothed Chisel

For repointing, taking out whole bricks intact, removing tiles and plaster (tungsten carbide tipped)



### Brick Chasing Chisel

For working with limestone, concrete, brick and pumice block. Creates a groove in the material, making it ideal for cabling and plumbing applications.



### Concrete Chasing Chisel

For cutting narrow channels into concrete.



Type	Size	OA Length	Shank	Part Number
<b>SDS-Plus</b>				
Concrete Chasing	22	250	SDS Plus	063686
Flat	20	250	SDS Plus	063518
	40	200	SDS Plus	063525
Angled	40	200	SDS Plus	063648
Pointed	14	250	SDS Plus	022171
<b>SDS-Max</b>				
Brick Chasing	35	380	SDS Max	063716
Concrete Chasing	26	300	SDS Max	063693
Toothed	40	280	SDS Max	063662
Flat	24	280	SDS Max	063549
	24	400	SDS Max	061514
	24	600	SDS Max	075368
	50	360	SDS Max	063556
	80	300	SDS Max	063563
	115	350	SDS Max	063570
Angled	50	300	SDS Max	063655
Pointed	18	280	SDS Max	063488
	18	400	SDS Max	061521
	18	600	SDS Max	063495

## SCREWDRIVER BITS

### Screwdriver Bits - Apex Range

- Apex provides the widest range of industrial quality insert/power bits, including specialised bits for automotive / aircraft applications.





## SCREW DRIVER BITS



### Screwdriver Bits

Other sizes and ranges available on request.

Sutton Bits					P&N Bits	
Type	Length		Bulk	Carded	Bulk	Carded
	Inch	mm				
Pozidriv - 1/4" Power With Full Round Body						
PZ2	1-15/16	50	358227380	358562312		
Phillips - 1/4" Insert						
PH1	1	25	358227020	358561201		2500FP125*
PH2	1	25	358227021	358561202		2500FP225*
Phillips - 1/4" Power With Full Round Body						
PH1	1-15/16	50	358227360	358562201		2500FP150
PH2	1-15/16	50	358227361	358562202	2500FP250B	2500FP250
PH2		65			2500FP265B	2500FP265
PH2	2-3/4	70	358227364			
PH2	3-1/2	90	358227367	358562212		
PH2	4	100	358228314		250FP2100B	250FP2100
PH2	6	150	358245625	358562612	250FP2150B	250FP2150
PH3	1-15/16	50				2500FP350
Phillips - Double Ended 1/4" With Power Groove						
PH 2	1-7/8	45	358244103	358563202	250FPD245B*	
PH 2	2-9/16	65	358244071	358563402	250FPD265B*	
Hex - 1/4" Insert						
5mm	1	25	358236541		250FHX525B	250FHX525
5mm	1	50				250FHX550
1/4" Power With Full Hex Body						
5mm	1-15/16	50	358239872	358611019		
Square Recess - 1/4" Power With Full Hex Body						
R 2	1-15/16	50	358229053	358581502		
Magnetic Bit Holder - 1/4" Power Drive 1pc. With C-ring. Magnetic						
1/4	2-7/8	75	358227690	358566616		250MH6475
Nutsetter - 1/4" Power Imperial						
8mm		42	358238328			250MN8042
5/16	1-5/8	45	358231452	358572105		
5/16	2-9/16	65	358237583	358573205		250MN8065
9.5mm		42			250MN9542B	
3/8	1-7/8	50	358236165	358572106		
3/8	2-9/16	65	358237584	358573206	250MN9565B	
SETS						
Screwdriver Phillips Power Round Body						
PH2	1 5/16	50	358401002			
Screwdriver Phillips Power Double Ended						
PH2	1 7/9	45	358401102			
PH2	2 9/16	65	358401202			
Screwdriver Bit Insert Assorted Set						
Slotted Phillips Pozidriv Torx Magnetic Holder	Insert Bits:4mm, 5mm, 6mm, 7mm Insert Bits: PH.1, PH.2, PH.3 Insert Bits: PZ1, PZ2, PZ3 Insert Bits: T10, T15, T20, T25, T30, T40 60mm		358401510			
FSK7	Phillips Insert Bits - No.1, No.2 Slotted Insert Bits - 4.5mm, 7.0mm Pozidriv Insert Bits - No.1, No.2 Magnetic Bit Holder 1/4" In Plastic Case.				25000FSK7	

\*Carded insert bits contain 2 bits



Pozidriv power with full round body



Phillips insert



Phillips power with full round body



Double Ended Phillips with full hex body



Hex insert



Hex power with full hex body



Hex power with full round body



Square Recess power with full hex body



Insert Bit - Power Drive



Nutsetter



25000FSK7



358401510



## BLADES - JIGSAW



For wooden materials



For Abrasive or miscellaneous materials



For metal materials



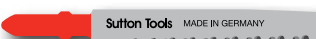
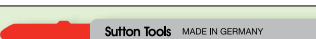











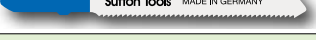





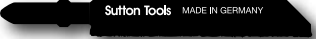




### Power Tool Suitability

AEG, Bosch, De Walt, Festo, Hitachi, Makita (New), Metabo, Milwaukee

### Jigsaw Blades

Sutton Tools jigsaw blades are designed to cut during the upward movement and are aided by the pendulum cut, ensuring the blade is pressed against the material with extra force

Jigsaw Blades Euro Shank							
	Shank	Description	Teeth per Inch	Blade Length	Overall Length	Pack Qty	Part Number
 Sutton Tools MADE IN GERMANY	8004	Plywood, wooden fibreboard, insulation materials and plastic.	21	50mm	75mm	5	352458004
 Sutton Tools MADE IN GERMANY	8005	Ideal for acrylic glass. For straight cuts in hardwoods, softwoods, plywood, insulation materials and plastic.	10	50mm	75mm	5	352458005
 Sutton Tools MADE IN GERMANY	3180	Ideal for both thick and thin wooden materials. For precise, splinter-free cuts in hardwoods, coated chipboard and plywood.		90mm	115mm	5	352453180
 Sutton Tools MADE IN GERMANY	8001	Ideal for precise cuts in hardwoods, softwoods, plywood, laminated wooden fibreboard and synthetic materials.	10	75mm	100mm	2	352428001
						5	352458001
 Sutton Tools MADE IN GERMANY	3101F	Ideal for precise, splinter-free downward cuts in hardwoods, softwoods, plywood, laminated wooden fibreboard & fibreglass.	10	75mm	100mm	2	352523101
 Sutton Tools MADE IN GERMANY	8018	Down cut blade for hardwoods, softwoods, plywood, laminated wooden fibreboard and synthetic materials.	10	75mm	100mm	2	352428018
						5	352458018
 Sutton Tools MADE IN GERMANY	8015	For tight curved cuts in hardwoods, softwoods, plywood, chipboard, synthetic materials and acrylic glass.	12	50mm	75mm	2	352428015
 Sutton Tools MADE IN GERMANY	3101KR	Specialised curved blade, rear-toothed. For extra-clean cuts in laminated wooden fibreboard and synthetic materials.	10	75mm	100mm	2	352423101
 Sutton Tools MADE IN GERMANY	8003	For fast, rough cuts in hardwoods, softwoods and plastic.	8	75mm	100mm	2	352428003
						5	352458003
 Sutton Tools MADE IN GERMANY	8002	Ideal for fast, clean cuts in hardwoods, softwoods, chipboard, fibre board and synthetic materials.	6	75mm	100mm	2	352428002
						5	352458002
 Sutton Tools MADE IN GERMANY	8006	Ideal for straight cuts. High-speed, clean cuts in hardwoods, softwoods and chipboard.	6	75mm	100mm	2	352428006
						5	352458006
 Sutton Tools MADE IN GERMANY	8007	Ideal for curved cuts. High-speed cuts in hardwoods, softwoods and chipboard.	6	75mm	75mm	2	352428007
						5	352458007
 Sutton Tools MADE IN GERMANY	8012	Ideal for extra-thin materials. Straight cuts in metals, non-ferrous metals, sheet metal and aluminium.	28	50mm	75mm	2	352428012
						5	352458012
 Sutton Tools MADE IN GERMANY	8009	For thinner metals. Straight cuts in metals, non-ferrous metals, sheet metal and aluminium.	21	50mm	75mm	2	352428009
						5	352458009
 Sutton Tools MADE IN GERMANY	3111F	For sheet metal. Straight cuts (flexible & shatter-proof) in soft steel, aluminium, steel, stainless steel and acrylic glass.	21	50mm	75mm	2	352523111
 Sutton Tools MADE IN GERMANY	3130	Ideal for stainless steel. Straight Cuts in steel and stainless steel.	24	50mm	75mm	2	352523130
 Sutton Tools MADE IN GERMANY	3132	Ideal for stainless steel. Straight Cuts in steel and stainless steel.	18	50mm	75mm	2	352523132
 Sutton Tools MADE IN GERMANY	8011	For thicker metals. Straight cuts in metals, non-ferrous metal and aluminium.	12	50mm	75mm	2	352428011
						5	352458011
 Sutton Tools MADE IN GERMANY	3119	Ideal for aluminium. Fast, curved cuts in aluminium, non-ferrous metals, metals and fibreglass-reinforced synthetic materials.	8	75mm	100mm	2	352523119
 Sutton Tools MADE IN GERMANY	3118	Fast, straight cuts in aluminium, non-ferrous metals, metals and fibreglass.	8	75mm	100mm	2	352523118
 Sutton Tools MADE IN GERMANY	8040	Ideal for abrasive materials. Precise straight cuts in ceramics, glass and up to medium strength tile.		50mm	75mm	1	352418040
 Sutton Tools MADE IN GERMANY	3159F	Ideal for sandwich materials. Straight cuts (flexible and shatter-proof) in metals, non-ferrous metal, aluminium and acrylic glass.	21	180mm	200mm	2	352423159
 Sutton Tools MADE IN GERMANY Bi-Metal Vort Pitch	3150F	Ideal for materials with different thicknesses. For straight cuts in softwoods, hardwoods, wood with nails, stainless steel, particle board.	10-14	110mm	132mm	2	352423150
 Sutton Tools MADE IN GERMANY	3156F	Robust quick shear blade for wood and abrasive materials.	12-16	110mm	132mm	5	352453156



# POWER TOOLS

## BLADES - RECIPROCATING



For wooden materials



For Abrasive or miscellaneous materials



For metal materials



### Power Tool Suitability

Black & Decker, Bosch, De Walt, Hitachi, Makita, Metabo, Skil

### Reciprocating Blades

Sutton Tools jigsaw blades are designed to cut during the upward movement and are aided by the pendulum cut, ensuring the blade is pressed against the material with extra force.

Reciprocating Jigsaw Blades							
	Code	Description	Teeth per Inch	Blade Length	Overall Length	Pack Qty	Part Number
	4011	For straight and curved cuts. For fast, clean cuts in hardwoods, softwoods, chipboard, plywood and synthetics.	6	130mm	150mm	2	352524011
	4046	Ideal for extra-clean cuts in all types of wood, treated fibreboard or MDF sheets and synthetics.	6.4-10.6	180mm	200mm	2	352324046
	4045	Specialised blade for carpenters with triple-smoothed teeth. For especially clean cuts in hardwoods and softwoods.	10	210mm	230mm	2	352324045
	9008	For fast, clean strokes in hardwoods, softwoods, chipboard, plywood and synthetics.	6	280mm	300mm	2	352328904
	9007	Ideal for cuts in wooden exteriors. For fast, rough cuts. Hardened teeth for extra durability.	4-5	210mm	230mm	2	352328922
	4031	Particularly suited for old building renovations (window frames). Ideal for rough cuts in woods, synthetics and sheetrock.	4	130mm	150mm	2	352324031
	9004	Ideal for cutting wooden exteriors. For fast, rough, straight and curved cuts in hardwoods and softwoods.	4	130mm	150mm	2	352328905
	9006	Ideal for rough, fast cuts in hardwoods and softwoods.	3	210mm	230mm	2	352328923
	9102	For thin metals. Fast, straight cuts, flexible and shatter-proof, metals, sheet metal, pipes and profiling.	18	130mm	150mm	2	352328908
	9106	For thin metals. Fast, straight cuts, flexible and shatter-proof, metals, sheet metal, pipes and profiling.	18	180mm	200mm	2	352328913
	9107	For thick metals. Fast, straight cuts, flexible and shatter-proof, metals, non-ferrous metals, aluminium, sheet metal, pipes and profiling.	14	130mm	150mm	2	352329107
	4446	For thick materials. Fast, straight cuts (flexible and shatterproof) in metals, aluminium, sheet metal, pipes and profiles.	8.5-12.5	130mm	150mm	2	352324446
	4441VP	Variable tooth spacing for cuts in different materials, flexible and shatterproof. For cutting metals, woods with nails and synthetics.	10-14	180mm	200mm	2	352324441
	9009	Ideal for wood with nails. Flexible and shatter-proof, metals, non-ferrous metals, aluminium, sheet metal, pipes and profiling.	10	180mm	200mm	2	352328909
	9104	Ideal for wood with nails. Flexible and shatter-proof, metals, non-ferrous metals, aluminium, pipes and profiling, old building renovations and window frames.	10	130mm	150mm	2	352328901
	9108	Variable tooth spacing for cuts in different materials, flexible and shatterproof. Forward cut blade for cutting metals, woods with nails and synthetics.	10-14	280mm	300mm	2	352328925
	4447	For thick materials. Fast, straight cuts (flexible and shatterproof) in metals, aluminium, sheet metal, pipes and profiles.	11.5-15.5	180mm	200mm	2	352324447
	9005	Bi-directional cuts, for plasterboard, porous concrete, woods and synthetics.	6	130mm	150mm	2	352328903



# MACHINERY & WORKSHOP EQUIPMENT

## ANTI-VIBRATION PRODUCTS

Silentbloc

### Double Stud Mounts

The simplest form of vibration control mounting, comprising a rubber component bonded either end to a threaded metal stud. Load ranges from 6.8kg to 270kg.

#### Typical Applications:

It is intended for use in shear or compression applications.

#### Silentbloc Stud Mount Unique Features:

- Excellent bonding between rubber and metal
- All metal parts zinc plated
- High quality natural rubber
- Nuts supplied with each mount

Part No.	Description
<b>B134</b>	M6x1.00 Double Stud Mount rated at 6.8kg normal load
<b>B138</b>	M6x1.00 Double Stud Mount rated at 10.5kg normal load
<b>B241</b>	M8x1.25 Double Stud Mount rated at 15.0kg normal load
<b>AB100</b>	M10x1.50 Double Stud Mount rated at 45kg normal load
<b>AM445</b>	M10x1.50 Double Stud Mount rated at 270kg normal load



Silentbloc

### Single Stud Mounts

The simplest form of vibration control mounting, comprising a rubber component bonded to a threaded metal stud. Load ranges 6.8kg to 45kg.

#### Typical Applications:

It is intended for use in shear or compression applications.

#### Silentbloc Stud Mount Unique Features:

- Excellent bonding between rubber and metal
- All metal parts zinc plated
- High quality natural rubber
- Nuts supplied with each mount

Part No.	Description
<b>AB200</b>	M6x1.00 Single Stud Mount rated at 6.8kg normal load
<b>AB201</b>	M6x1.00 Single Stud Mount rated at 10.5kg normal load
<b>AB203</b>	M8x1.25 Single Stud Mount rated at 15.0kg normal load
<b>AB204</b>	M10x1.50 Single Stud Mount rated at 45kg normal load
<b>AB206</b>	M10x1.50 Buffer - Static Load 75kg



Silentbloc

### Light Duty Pedestal Mount

A compact, robust rubber-in-shear mounting suitable for light loads. Load ranges from 4.5kg to 27.3kg.

#### Typical Applications:

These mounts are well suited for mounting equipment such as compressors, generators, small motors and fans.

#### Silentbloc Unique Features:

- Security against excessive overload and rebound movement
- Corrosion protection
- Base design to suit variety of fixing methods
- Hexagon headed tapped inner sleeve

Part No.	Description
<b>FN1610</b>	Light Duty Pedestal Mount rated at 4.5kg
<b>FN1620</b>	Light Duty Pedestal Mount rated at 9.0kg
<b>FN1630</b>	Light Duty Pedestal Mount rated at 13.6kg
<b>FN1645</b>	Light Duty Pedestal Mount rated at 20.5kg
<b>FN1660</b>	Light Duty Pedestal Mount rated at 27.3kg



Silentbloc

### Medium Deflection Frustacon

The Frustacon pedestal mounting combines excellent isolation characteristics with convenient installation features. Load ranges from 90kg to 600kg.

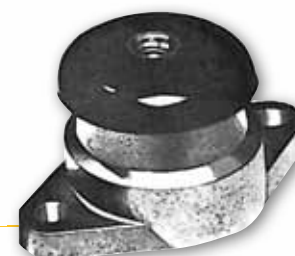
#### Typical Applications:

This particular mount is suitable for a large variety of installations. It is typically employed for mounting pumps, compressors, fans and general purpose machines in static and some mobile applications.

#### Silentbloc Unique Features:

- Security against excessive overload and rebound movement
- Protective steel cover
- Attractive light weight aluminium base

Part No.	Description
<b>FAP</b>	Medium Deflection Frustacon - Medium Load rated at 90kg
<b>FBP</b>	Medium Deflection Frustacon - Medium Load rated at 180kg
<b>FDP</b>	Medium Deflection Frustacon - High Load rated at 300kg
<b>FEP</b>	Medium Deflection Frustacon - High Load rated at 600kg





# MACHINERY & WORKSHOP EQUIPMENT

## Silentbloc

### High Deflection Frustex

Machinery is attached to the mounting by an M20 bolt which screws into the rebound washer, pulling it up against the inner tube. Load Ranges from 180kg to 270kg.

#### Typical Applications:

Designed for supporting heavier equipment to isolate disturbances above 480 CPM.

#### Silentbloc Unique Features:

- Pedestal and inner are of aluminium

Part No.	Description
FXBP	High Deflection Frustex - Medium Load rated at 180kg
FXCP	High Deflection Frustex - Medium Load rated at 270kg
FXDP	High Deflection Frustex - High Load rated at 800kg
FXEP	High Deflection Frustex - High Load rated at 1300kg



## Silentbloc

### Medium Deflection Frustacon Flange Mount

Medium loads range from 90kg to 180kg and high loads range from 300kg to 600kg.

#### Typical Applications:

The Frustacon flange mounting is designed for a recessed fitting into machine frames and engine bearers to reduce installed height.

#### Silentbloc Unique Features:

- Offers a convenient, economical and compact means of controlling vibration transmission
- Security against excessive overload and rebound movement

Part No.	Description
FAFL	Medium Deflection Flange Mount - Medium Load rated at 90kg
FBFL	Medium Deflection Flange Mount - Medium Load rated at 180kg
FDFL	Medium Deflection Flange Mount - High Load rated at 300kg
FEFL	Medium Deflection Flange Mount - High Load rated at 600kg



## Silentbloc

### High Deflection Flange Frustex

Frustex flange mountings are designed for recessed fitting into machine frames and engine bearers to reduce installed height. Medium loads range from 180kg to 270kg, and high loads range from 800kg to 1300kg.

#### Typical Applications:

These mountings are suitable for use on stationary or some mobile equipment, and may be installed in the inverted position.

#### Silentbloc Unique Features:

- Movement limiting rebound washers
- Flange and inner are aluminium
- Rebound nut of malleable iron
- Flexible element of natural rubber

Part No.	Description
FXBFL	High Deflection Flange Frustex - Medium Load rated at 180kg
FXCFL	High Deflection Flange Frustex - Medium Load rated at 270kg
FXDFL	High Deflection Flange Frustex - High Load rated at 800kg
FXEFL	High Deflection Flange Frustex - High Load rated at 1300kg



## Silentbloc

### Shear Compression Mounts

This compact mount is designed for heavy loads with the added feature of being able to accept a considerable amount of shear movement. Load ranges from 408kg to 3630kg.

#### Typical Applications:

Ideally used in installations where larger than normal amplitude of displacement is experienced, such as vibratory shakers, vibratory feeders or where there is large equipment or structures to be isolated.

#### Silentbloc Unique Features:

- Designed so that the overall height is kept to a minimum
- Stability is kept to a maximum
- Can be used in inclined pairs to achieve the required compression and shear stiffness

Part No.	Description
AR7466/1	Shear Compression Mount rated at 408kg normal load
AR7466/2	Shear Compression Mount rated at 640kg normal load
AR7466/4	Shear Compression Mount rated at 1080kg normal load
AR7466/5	Shear Compression Mount rated at 1590kg normal load
AR7466/6	Shear Compression Mount rated at 2720kg normal load
AR7466/7	Shear Compression Mount rated at 3630kg normal load



## Silentbloc

### Machine Levelmounts

Designed to absorb vibration and reduce noise, levelmounts also allow fast, easy installation or relocation of machinery. Load ranges from 55kg to 10,000kg.

#### Typical Applications:

Simply and effectively installed on lathes, milling machines, grinders, metal working shears and presses, shapers and planers etc.

#### Silentbloc Unique Features:

- Can be moved and re-aligned easily to give the greatest layout efficiency

Part No.	Description
SLM100	Machine Levelmounts static load rated at 55kg
SLM500	Machine Levelmounts static load rated at 500kg
SLM1000	Machine Levelmounts static load rated at 1000kg
SLM1500	Machine Levelmounts static load rated at 1500kg
SLM3000	Machine Levelmounts static load rated at 3000kg
SLM5000	Machine Levelmounts static load rated at 5000kg
SLM10000	Machine Levelmounts static load rated at 10000kg



## Silentbloc

### Industrial Flexible Bearings

Flexible bearings are designed to accommodate radial, axial, conical or torsional loading or any combination of these four forces. They isolate noise, vibration and shock, accommodate misalignment and eliminate the need for lubrication. A wide range of Silentbloc industrial bearings are available. Radial loads vary from 11kg to 4827kg.

Part No.	Description
E Series	Industrial Flexible Bearings in various Radial/Torsional Loads





## BENDERS - BAR

**BRAMLEY**



### Angle Bar Benders

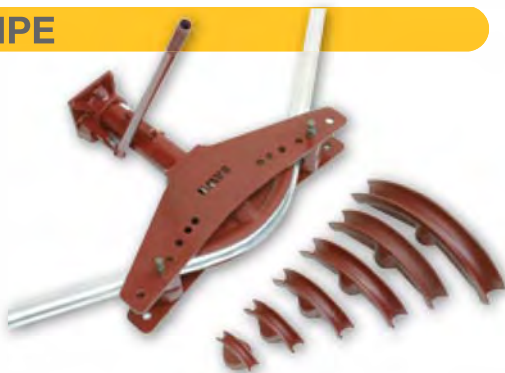
- Bends all metals easily and quickly.
- Model AB1 features 4-position quick cam action clamping.
- Model AB2 uses full vice clamping with double spring return.

Part No.	Capacity - Round / Square	Capacity - Flat Bar
<b>AB1</b>	20 mm	80x6 or 60x8 or 30x12 mm
<b>AB2</b>	25 mm	100x8 or 60x10 or 50x12 mm
<b>ABSTAND</b>	Optional Stand for either model with handle storage	

## BENDERS - PIPE

**DAWN**  
Quality Tools  
Vices & Clamps  
EST. 1977 - Australia

Proudly  
Australian  
Owned  
Proudly  
Australian  
Made



### Heavy Duty Pipe Bender Set

- Frame and former system designed in conjunction with tube manufacturers
- 10 Ton rating
- Hydraulic unit is based on military jack design
- Robust construction
- Quick bending and release action
- Bends extra light to extra heavy pipes
- Simple set up and operation
- Portable
- Comes complete with six super grade iron formers - 15, 20, 25, 32, 40, 50mm
- Applications:
  - water services, gas services, handrails, gates, framework
  - bends ERW, galvanised, gas, water and steam pipes

**Part Number: 62168**

**LARZEP**  
HYDRAULIC

### V Series Pipe Benders

- Suitable for bending medium and heavy water pipe.
- Models available with bending capacities of up to 80mm NB.
- Models: manual pump (VA, VB), electric pump (VC) or air hydraulic pump (VZ).
- Equipped with relief valves to prevent excess pressure build-up in the machine.
- All machines are delivered in sturdy wooden boxes.
- The VB1227 model is equipped with a tripod.



Product Number	Capacity	Powered By	Cylinder	Tripod Stand Included	Storage Box Included
<b>VB1227</b>	10mm NB - 50mm NB	Integral hand Pump	10T	✓	✓
<b>VA1225</b>	10mm NB - 50mm NB	Separate Hand Pump	10T		✓
<b>VZ1225</b>	10mm NB - 50mm NB	Air/Hydraulic Pump	10T		✓
<b>VC1225</b>	10mm NB - 50mm NB	Electric Pump	10T		✓



**DAWN**  
Quality Tools  
Vices & Clamps  
EST. 1977 - Australia

Proudly  
Australian  
Owned  
Proudly  
Australian  
Made

### Dawn Truform Bender

- Bends round and square pipe and tube by drawing the pie or tube through dies
- Bends through 180°
- Powerful
- Well established, proven design and process
- Robust construction for industrial use
- Dies manufactured from hardened tool steel
- Standard size dies:
  - round 15, 20, 25, 32, 40 and 50nb,
  - square 20, 25, 30, 35, 40 and 50mm.
- Multiple applications including fencing, handrails, gates, frames, furniture, trailers, roll bars, etc.

**Part Number: 1000**

## BENDERS - PIPE

**KC TOOLS**  
GARAGE EQUIPMENT

### Pipe Benders

- Return spring on ram
- Works in both vertical and horizontal positions
- Minimum 3mm pipe thickness
- Ideal for pipe benders and general engineering applications



Part Number	Description
<b>PB01</b>	Pipe Bender • 12 Tonne • Stroke 150mm • 1/2 - 1-1/2" Dies
<b>PB02</b>	Pipe Bender • 15 Tonne • Stroke 150mm • 1/2 - 3" Dies

## BENDERS - PIPE - HYDRAULIC

**BRAMLEY**

### Hydraulic Pipe Bender

- Heavy Duty Industrial model made in NZ.
- Lightweight aluminium alloy formers with "elliptical" cross section to minimise flattening of bend and large angle of arc to support pipe during bending.



Part No.	Description
<b>PB2</b>	Set with 1/2", 3/4", 1", 1 1/4", 1 1/2" & 2" N.B. pipe formers



# MACHINERY & WORKSHOP EQUIPMENT



## Electric-Hydraulic Pipe Bender

- High thrust hydraulic pump for high speed working.
- Powerful, compact motor.
- Long radius formers for better bends.
- Easily dismantled to store or transport in case supplied.



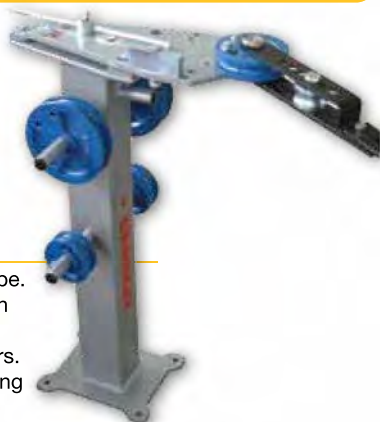
Part No.	Description
57972L	Set with 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2" & 2" N.B. pipe formers

## BENDERS - TUBE



## Thin Wall Manual Tube Benders

- For bending square or round steel tube.
- Bolt to bench, mount in vice or put on the stand shown.
- Optional 1 1/8" round or flat bar formers.
- Model TBPF is suitable for pool fencing and can take 1/2", 5/8" or 3/4" formers.



Part No.	Tube Shape	Included Formers
TBRD	Round	1/2", 5/8", 3/4", 7/8", 1"
TBSQ	Square	1/2", 5/8", 3/4", 7/8", 1"
TBSTAND	Optional Stand incorporating storage pegs for formers	
TBPF	Tight Radius Bender with 5/8" former for 100mm centres	



## Benders

RIDGID 300 series benders designed for smooth bends in soft (K&L) copper tubing up to a maximum of 180°. The 400 series benders combine accuracy with easy operation for bends in copper, steel and stainless steel. The 500 series benders are especially designed for bending stainless steel, titanium and other types of hard tubing. Other types of benders and some metric sizes also available.



Part No.	Description
36972	Model 312 Bender
26193	Model 408 Bender
51517	Model 508 Bender



## Electric Tube & Rod Bender

- For fast, effortless bending of copper, steel, stainless, etc.
- Portable for on site work. Easy angle setting to 180°.
- Supplied in robust carrying case including tripod stand.
- Formers available for 1/2" - 1 1/8" tube.



Part No.	Description
7642051	Set with 1/2", 3/4" and 1" tube formers

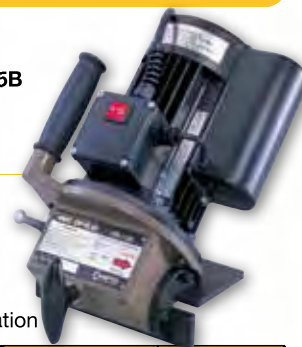
## BEVELLER - HAND



HB15B

## Nitto Hand Beveller

- Bevel from 0-15mm C
- Ideal for beveling before welding
- Uses easy to replace super-solid cutting tips with 4 working edges for great economy
- Bevel angle is adjustable from 15° - 45°
- Tool is supported by work piece for easy operation



Model Number	Free Speed	Chamfering Capacity	Chamfer Angle	Weight
HB15B	2,750rpm	0 - 15 c	15° - 45°	30.0 kg

## BEVELLING MACHINES

ALFRA BEVELLING MACHINES MADE IN GERMANY

ALFRA beveling machines are leading the industry with superior quality, efficiency and technology. Whether 1mm or up to 20mm, whether 20°, 30°, 45°, 60°, or even radiuses, ALFRA has the solution for you. Perfect for preparation for welding, deburring, chamfering and cutters available for stainless steel, mild steel and aluminium.



ALFRA BEVELLING MACHINES MADE IN GERMANY

## KFH 150

- Max bevel width 5mm
- Bevel angle 45°
- Variable speed
- Only 3.5kg

Part No: 25100



ALFRA BEVELLING MACHINES MADE IN GERMANY

## KFH 250

- Max bevel width 14mm
- Bevel angle 30° - 45° - 60°
- Variable speed
- Only 12.8kg

Part No: 25130



ALFRA BEVELLING MACHINES MADE IN GERMANY

## SKF 63

- Max bevel width 15mm
- Bevel angle 15° - 20° - 30° - 45° - 60°
- Weight 21kg

Part No: 25010



ALFRA BEVELLING MACHINES MADE IN GERMANY

## KFT 250

- Max bevel width 4.5mm
- Bevel angle 45°
- Variable speed
- Only 5.0kg

Part No: 25110





**ALFRA BEVELLING MACHINES**

 **MADE IN GERMANY**

**KFT 500**

- Max bevel width 14mm
- Bevel angle 45°
- Variable speed
- Only 18kg

**Part No: 25140**



**ALFRA BEVELLING MACHINES**

 **MADE IN GERMANY**

**KFK 5**

- Max bevel width 6mm
- Milling disk with inserts
- Variable speed
- Only 4.2kg

**Part No: 25200**



**BLADES - BANDSAW**

**Starrett**

**Flex Back Bandsaw Blades**

- Each supplied as 30 metre coil lengths
- General purpose cutting for wood and metal
- Ideal for both contour and straight cutting



Part Number	Width	Thickness	TPI
FB3/8X4SKR-30	3mm / 1/8"	0.64mm/025"	4 Skip
FB3/8X6SKP-30	3mm / 1/8"	0.64mm/025"	6 Skip
FB3/8X8RR-30	3mm / 1/8"	0.64mm/025"	8 Skip
FB3/8X10RR-30	3mm / 1/8"	0.64mm/025"	10 Reg
FB3/8X14RW-30	3mm / 1/8"	0.64mm/025"	14 Reg
FB3/8X18RW-30	3mm / 1/8"	0.64mm/025"	18 Reg
FB3/8X24RW-30	3mm / 1/8"	0.64mm/025"	24 Wavy
FB1/4X4SKR-30	6mm / 1/4"	0.64mm/025"	4 Skip
FB1/4X6SKP-30	6mm / 1/4"	0.64mm/025"	6 Skip
FB1/4X8RR-30	6mm / 1/4"	0.64mm/025"	8 Reg
FB1/4X10RR-30	6mm / 1/4"	0.64mm/025"	10
FB1/4X14RW-30	6mm / 1/4"	0.64mm/025"	14 Wavy
FB1/4X18W-30	6mm / 1/4"	0.64mm/025"	18 Wavy
FB1/4X24RW-30	6mm / 1/4"	0.64mm/025"	24 Wavy
FB1/4X32RW-30	0.64mm/025"	0.64mm/025"	32 Wavy
FB1/2X4SKP-30	13mm / 1/2"	0.64mm/025"	4 Skip
FB1/2X6SKR-30	13mm / 1/2"	0.64mm/025"	6 Skip
FB1/2X8RR-30	13mm / 1/2"	0.64mm/025"	8
FB1/2X10RR-30	13mm / 1/2"	0.64mm/025"	10 Reg
FB1/2X14RW-30	13mm / 1/2"	0.64mm/025"	14 Reg
FB1/2X18RW-30	13mm / 1/2"	0.64mm/025"	18
FB1/2X24RW-30	13mm / 1/2"	0.64mm/025"	24

**RONTGEN BIMETAL**  
Bandsaw Blades

 **MADE IN GERMANY**

**RONTGEN Bi-Metal M42 Cobalt**

- Rontgen is the world leader in manufacturing bandsaw blades and has a very strong reputation for outstanding performance, quality and consistency.
- Available from 6mm to 100mm widths
- Made to order - fits any size machine



Order a trial performance blade now  
to experience the difference  
Satisfaction Guaranteed or  
Full Purchase Price Refunded

**Starrett**

**Welded Flex Back Bandsaw Blades**

- General purpose cutting for wood and metal
- Ideal for both contour and straight cutting



Part Number	Length	Width	TPI
W-FB 1638 X 13 X 14	1638mm / 64.1/2in	13mm / 1/2"	14
W-FB 1638 X 13 X 18	1638mm / 64.1/2in	13mm / 1/2"	18
W-FB 64.3/4 X 1/2 X 6	1645mm / 64.3/4in	13mm / 1/2"	6
W-FB 64.3/4 X 1/2 X 14	1645mm / 64.3/4in	13mm / 1/2"	14
W-FB 64.3/4 X 1/2 X 18	1645mm / 64.3/4in	13mm / 1/2"	18
W-FB 68X 1/2 X 14	1727mm / 68in	13mm / 1/2"	14
W-FB 68 X 1/2 X 18	1727mm / 68in	13mm / 1/2"	18
W-FB 93 X 3/4 X 10	2362mm / 93in	19mm / 3/4"	10
W-FB 93 X 3/4 X 14	2362mm / 93in	19mm / 3/4"	14

**Starrett**

**Welded Bi-Metal Bandsaw Blades**

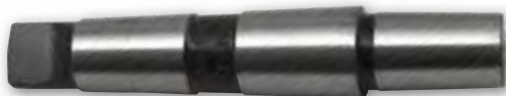
- Higher wear and heat resistance
- Suitable for cutting all steels, solids and structurals

Part Number	Length	Width	TPI
W-PB42 93 X 3/4 X 4-6REG	2362mm / 93in	19mm/3/4"	4-6REG
W-PB42 93 X 3/4 X 6-10REG	2362mm / 93in	19mm/3/4"	6-10REG
W-PB42 93 X 3/4 X 10-14REG	2362mm / 93in	19mm/3/4"	10-14REG
W-PB42 2480 X 27 X 6-10 TPI	2480mm / 97.1/2in	27mm/1"	6-10
W-PB42 2480 X 27 X 10-14 TPI	2480mm / 97.1/2in	27mm/ 1"	10-14
W-PB42 2750 X 27 X 6-10 TPI	2750mm / 108in	27mm / 1"	6-10
W-PB42 132 X 1 X 6-10REG	3353mm / 132in	27mm / 1"	6-10REG



# MACHINERY & WORKSHOP EQUIPMENT

## CHUCKS - DRILL - ARBORS



### Jacobs® and ALBRECHT Drill Chuck Arbor

Chuck Taper	Machine Spindle Taper				
	1 Morse	2 Morse	3 Morse	4 Morse	5 Morse
0 Jacobs	7298	7295			
1 Jacobs	7299	7306	7313		
2 Jacobs	7300	7307	7314	7320	
3 Jacobs		7308	7315	7321	7327
4 Jacobs		7309	7316	7322	7328
5 Jacobs			7317	7323	7329
6 Jacobs	7303	7311	7318	7324	9903
33 Jacobs	7304	7312	7319	7325	
B16 DIN	37516	37526	37536	37546	37556



### Jacobs® Keyed Chucks for Portable Power Tools

Bite hardened jaws, all chucks have thru-hole for retaining screw on reversing drills



Part No.	Capacity	Mount	Key No.
901310	10mm	3/8-24	S2
901315	10mm	1/2-20	S2
901325	13mm	1/2-20	S2
901320	13mm	3/8-20	S2



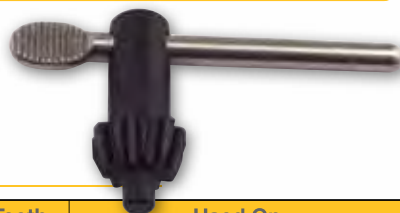
### Jacobs® Ball Bearing Super Chucks

Extra heavy duty drilling applications. Ball bearing construction maximizes gripping force and drilling accuracy.



Part No.	Capacity	Mount	Key No.
8-1/2N	6.4mm	2 JT	K30
11N	10mm	2 JT	K32
14N	13mm	3 JT	K3
16N	16mm	3 JT	K4
18N	19mm	4 JT	K4
20N	25mm	5 JT	K5

## CHUCKS - DRILL - KEY



### Jacobs® Chucks Keys

Part No.	Pilot Size	No. Teeth	Used On
K0	1/8"	11	0 Series
K1	5/32"	11	1 Series
K2	1/4"	11	2 Series
K3	5/16"	11	3, 34, 35, Series & 14N
K4	3/8"	12	36 Series, 16N & 18N
K5	7/16"	12	20N
K7	7/32"	11	7 Series
K30	15/64"	10	31, 41, Series & 8-1/2N
K32	1/4"	10	32, 33, Series & 11N
KG	1/4"	11	SMG Series
KK	9/32"	10	SM8 Series
S2	6mm	12	DIN Geared Chucks

## CHUCKS - DRILL - KEYLESS



### Jacobs® Hand-Tite® Keyless Chucks For Portable Power Tools



Part No.	Capacity	Mount
31213	10mm	3/8-24
98082	13mm	1/2-20
0932474	13mm	3/8-24

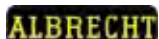
## CHUCKS - DRILL - KEYED



### Jacobs® Plain Bearing Keyed Industrial Chucks

The world's most widely used chuck for medium or heavy duty portable, bench or floor mounted power tools. This industrial quality chuck with fully hardened and ground working components offers exceptionally high accuracy, gripping power and durability.

Part No.	Capacity	Mount	Key No.
0	4mm	0 JT	K0
1A	6.5mm	1 JT	K1
1B3/8	6.5mm	3/8-24	K1
2A	10mm	2 JT	K2
31-01	10mm	1 JT	K30
41BA3/8	10mm	3/8-24	K30
34-06	13mm	6 JT	K3
33BA1/2	13mm	1/2-20	K32
3A	16mm	3 JT	K3
36	20mm	3 JT	K4



### Super Precision Keyless Chucks

The world's most accurate keyless drill chuck. Precision German manufactured Keyless chucks that are as durable as they are accurate.



Part No.	Capacity	Mount
SBFC30-J1	3mm	1 JT
SBFC65-J1	6.5mm	1 JT
SBFC130-J6	13mm	6 JT
SBFC160-J6	16mm	6 JT



### Jacobs® Industrial Keyless Chuck

Industrial quality keyless chucks with the convenience of keyless operation.



Part No.	Capacity	Mount
J6.5-JT1	6.5mm	1 JT
J10-JT2	10mm	2 JT
J13-JT6	13mm	6 JT
J16-JT6	16mm	6 JT
CKS20-J3	20mm	3 JT





## Rohm Drill Chucks

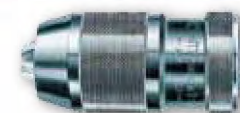


For 240V electric or battery powered drills and screwdrivers up to 550 Watt capacity. Very ergonomic, easy to handle and equipped with a metal nose piece. Complete with through hole for reversible power tools.

Part Number	Description	Capacity
ROM1-664465	K/L Drill Chuck "Extra" 3/8"x24 Taper Mount	1-10mm
ROM1-664466	K/L Drill Chuck "Extra" 3/8"x24 Taper Mount	1.5-13mm



## Rohm Drill Chucks



Heavy duty industrial design for stationary drilling machines. Rapid clamping and releasing of drill bits. Self tightening during operation. High concentricity for accurate drilling.

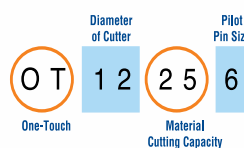
Part Number	Description	Capacity
ROM1-871054	K/L Drill Chuck "Supra Type 136" J6 Taper Mount	1-13mm
ROM1-871066	K/L Drill Chuck "Supra Type 136" J6 Taper Mount	3-16mm

## CUTTERS - BROACH



### Ozbroach Cutters HSS

- Made in Australia!
- Ozbroach cutters for use on Nitto Kohki's Atra Ace Magnetic Drills
- One-Touch cutters - Simply push in
- Cuts holes 3 times faster than conventional drills
- Suits most magnetic based drills



25mm DEPTH OF CUT	
Model Number	Diameter
OT12256	12mm
OT13256	13mm
OT14256	14mm
OT15256	15mm
OT16258	16mm
OT17258	17mm
OT18258	18mm
OT19258	19mm
OT20258	20mm
OT21258	21mm
OT22258	22mm
OT23258	23mm
OT24258	24mm
OT25258	25mm
OT26258	26mm
OT27258	27mm
OT28258	28mm
OT29258	29mm
OT30258	30mm
OT31258	31mm
OT32258	32mm
OT33258	33mm
OT34258	34mm
OT35258	35mm
OT36258	36mm
OT37258	37mm
OT38258	38mm
OT39258	39mm
OT40258	40mm
OT41258	41mm
OT42258	42mm
OT43258	43mm
OT44258	44mm
OT45258	45mm
OT46258	46mm
OT47258	47mm
OT48258	48mm
OT49258	49mm
OT50258	50mm

50mm DEPTH OF CUT	
Model Number	Diameter
OT12506	12mm
OT13506	13mm
OT14506	14mm
OT15506	15mm
OT16508	16mm
OT17508	17mm
OT18508	18mm
OT19508	19mm
OT20508	20mm
OT21508	21mm
OT22508	22mm
OT23508	23mm
OT24508	24mm
OT25508	25mm
OT26508	26mm
OT27508	27mm
OT28508	28mm
OT29508	29mm
OT30508	30mm
OT31508	31mm
OT32508	32mm
OT33508	33mm
OT34508	34mm
OT35508	35mm
OT36508	36mm
OT37508	37mm
OT38508	38mm
OT39508	39mm
OT40508	40mm
OT41508	41mm
OT42508	42mm
OT43508	43mm
OT44508	44mm
OT45508	45mm
OT46508	46mm
OT47508	47mm
OT48508	48mm
OT49508	49mm
OT50508	50mm



# MACHINERY & WORKSHOP EQUIPMENT

## DRILLS - CORE



### High Speed Steel Annular Cutters

- Made from the highest grade M2 steel
- Manufactured to exceed AISI / ASTM standards
- Fully ground with internal relief
- Drill unique and curved surfaces
- Produce reamed quality burr-free holes
- Allow overlap cuts on existing holes



**12 - 25mm Diameter** - 1mm increments plus 16.5mm

**12 - 52mm Diameter** - 1mm increments plus 16.5mm

**19 - 52mm Diameter** - 1mm increments



### Tungsten Carbide Tipped Cutters

These tungsten Carbide Tipped Cutters consist of an alloy metal body, and tungsten carbide cutting teeth. Because of this composition, these cutters are less susceptible to breakage than standard High Speed Steel Cutters, especially in larger diameters and lengths.



**18 - 120mm Diameter** - 50mm depth of cut

**32 - 100mm Diameter** - 75mm depth of cut

**18 - 120mm Diameter** - 100mm depth of cut



**ALFRA ROTABEST**



### ALFRA HSS-Co Cutters

- Available in 25mm and 50mm drilling depth
- Multi-fit shanks
- Up to 60mm diameter
- Unique geometry - immediate centering
- Thinner wall - faster drilling, less power to drive
- The World's fastest drilling core drill

## DRILLS - MAGNETIC BASE



**ALFRA ROTABEST**

### Piccolo

- Up to 40mm dia Core Drill capacity
- 50mm Core Drill Cutting Depth
- 8000N Magnetic Adhesion
- Only 10.5kg

**Part Number: 18500**

### Mini

- Up to 50mm dia Core Drill capacity
- 2 Speed Gearbox 250/450 R.P.M.
- 12000N Magnetic Adhesion
- 50mm Core Drill Cutting Depth

**Part Number: 18510**

### New Gen 50 RQ

- Up to 50mm dia Core Drill capacity
- 2 Speed Gearbox 250/450 R.P.M.
- 50mm Core Drill Depth
- New Rota Quick Change System
- 16000N - 3 Coil MPI Magnet

**Part Number: 18610**

### Junior Taper

- Up to 80mm dia Core Drill capacity
- 4 Speed Gearbox 110, 175, 245, 385 R.P.M.
- Powerful 1800 Watt Motor
- Only 22kg
- No. 3 Morse Taper
- 20000N - 3 Coil MPI Magnet
- 110mm Core Drill Depth

**Part Number: 18625**

### Master Taper

- Over 100mm dia Core Drill capacity
- 4 Speed Gearbox 110, 175, 245, 385 R.P.M.
- Powerful 1800 Watt Motor
- Only 28kg
- No. 3 Morse Taper
- 20000N - 3 Coil MPI Magnet
- 110mm Core Drill Depth

**Part Number: 18630**

**ALFRA ROTABEST**



### V32 Compact

- 227mm Height.
- Can be reduced to 185mm
- Accepts Standard Cutters
- Huge 16000N Magnetic Adhesion
- 25mm Core Drill Cutting Depth

**Part Number: 18710**







**ATRA  
ACE**

### Magnetic Drilling Machine (Manual Feed)

- Compact design
- Body height adjustment for easy use of both Ozbroach 'One-Touch' and twist drills
- Overload protection system
- 32mm Diameter through 50mm plate
- Coolant system
- Supplied in sturdy carry case

Part Number: WO-3250

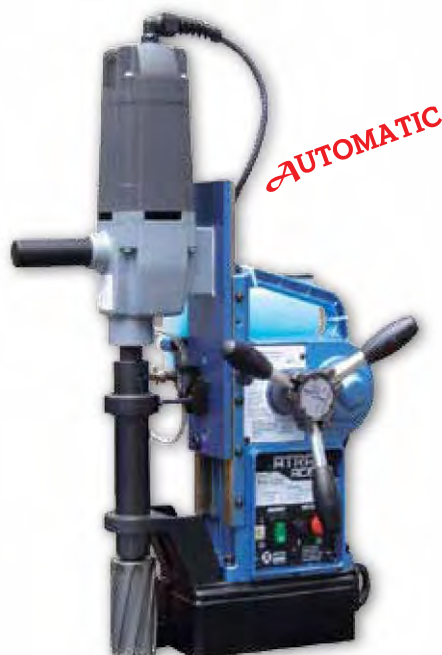


**ATRA  
ACE**

### Magnetic Drilling Machine (Manual Feed)

- For smooth cutting of deep and large holes
- Powerful 2 speed drill 350/650 rpm
- Load detection with smart Stop/Rapid Restart Technology
- 55mm Diameter through 75mm plate
- Built-in lubrication system
- Supplied in sturdy carry case

Part Number: AO-5575



**ATRA  
ACE**

### Magnetic Drilling Machine (Automatic Feed)

- Superior Japanese Automatic Technology
- Built-in lubrication system
- Built-in motion sensor prevents cutter breakage
- Overload protection
- Large cutting capacity: 50mm Diameter through 75mm plate
- Supplied in sturdy carry case

Part Number: WA-5000



**ATRA  
ACE**

### 4 Speed 32mm Dia. Magnetic Based Drill

- Drilling capacity 32mm (Twist Drill) in steel with a stroke of 280mm
- Swivel base allows a 50° swivel angle and a 20mm front and rear movement
- 3 morse taper drill with 4 speeds (220/260/350/420 rpm)

Part Number: M320 AEG

Broach holder  
Available





# MACHINERY & WORKSHOP EQUIPMENT

## DRILLS - MAGNETIC BASE



**Slugga Hølemaker**

### Magnetic Base Drilling Machines

WITH 20 DIFFERENT MODELS OF DRILLS,  
WE HAVE A MACHINE TO SUIT EVERY APPLICATION

- Lightweight and compact
- Low profile angle drive
- Multi-purpose
- Economical and versatile
- Extra heavy duty
- Large capacity
- #2, #3 and #4 Morse Taper
- Constant working height - Quill feed
- Variable speed
- Machines designed for tapping
- Pneumatic powered - Atex approved

## CUTTERS - BROACH- LOCATING PIN



### Nitto High Speed Steel Locating Pins

Model Number	Size	To Suit Depth of Cut
NAP0625	6mm	25mm
NAP0825	8mm	25mm
NAP0650	6mm	50mm
NAP0850	8mm	50mm

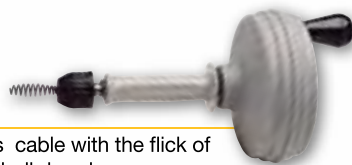
## DRAIN CLEANERS



### K-26 Hand Spinner

Slip resistant collet chuck that grips/releases cable with the flick of the wrist. 5/16" x 25' hollow core cable with bulb head auger.

Part Number: 59812



## DRILL BIT SHARPENERS

DD360X

DD750X



### Drill Bit Sharpening Machines

- A Powerful motor for smooth operation and Diamond grinding wheel providing long life and constant geometry without the need for wheel dressing.
- Suitable for sharpening High Speed Steel, Masonry, Tin Coated, Carbide, Cobalt, Split Point and Parabolic twist drills.

Part No.	Description
<b>Handyman Model</b>	
DD360X	2.5-13mm Bit Capacity; Standard 118° Sharpening Angle
<b>Tradesman Models</b>	
DD500X	2.5-13mm Bit Capacity; 118° or 135° Sharpening Angle; Creates Split Point Bits
DD750X	2.5-19mm Bit Capacity; 118° - 140° Sharpening Angle; Creates Split Point Bits



## DRILL DRIFT

**BRAMLEY**



### Hammer Taper Drill Drift

One handed operation with spring loaded action makes it much easier to remove taper shank drills and reamers from machines. Saves dropped drill bits and damaged machine beds. Includes bronze hammer head.

Part No.	Detail
DRIFT	Power Drill Drift with Hammer Head

## DRILL GRINDING ATTACHMENT

**GENERAL**

### Drill Grinding Attachment

Engineered to permit sharpening of drill bits to factory accuracy and extends life of the drills.

Part Number	Description	Capacity
GEN825	Drill Grinding Attachment	3 - 19mm



## DRILLS - PEDESTAL - GEARED HEAD

**ARBOGA**

MADE IN SWEDEN

### A-2608 - Manual Feed

#### Specifications:

Drilling Capacity	30mm
Morse Taper	3
8 Speeds - (rpm)	105, 210, 350, 445, 700, 890, 1450, 2900
Stroke	135mm
Table Size - Rotating	500 mm x 350 mm
360° Adjustable Head Rotation	

Part No: 42608415

**ARBOGA**

MADE IN SWEDEN

### A-2608 M - Auto Feed

#### Specifications:

Drilling Capacity	30mm
Morse Taper	3
8 Speeds - (rpm)	105, 210, 350, 445, 700, 890, 1450, 2900
Stroke	135mm
Table Size - Rotating	500 mm x 350 mm
3 Auto feed rates	0.1, 0.15, 0.33mm/rev
360° Adjustable Head Rotation	

Part No: 42608M415

**ARBOGA**

MADE IN SWEDEN

### A-3808 M - Auto Feed

#### Specifications:

Drilling Capacity	35mm
Morse Taper	4
8 Speeds - (rpm)	75, 160, 265, 440, 535, 890, 1490, 3010
Stroke	150mm
Table Size - Rotating	500 mm x 400 mm
4 Auto feed rates	0.1, 0.15, 0.22, 0.3mm/rev
360° Adjustable Head Rotation	

Part No: 43808M415





## DRILLS - BENCH



### Drilling Machine Range

- Quality casting, construction and componentry
- Emergency stop switch
- Chuck safety guard
- Complete with drill chuck

Part No.	Description
<b>TD0813</b>	13mm Capacity; 250W Motor; 5 Speed; 210mm Swing; 580mm Height
<b>TD1013</b>	13mm Capacity; 375W Motor; 5 Speed; 260mm Swing; 680mm Height
<b>TD1316</b>	16mm Capacity; #2MT; 375W Motor; 16 Speed; 325mm Swing; 980mm Height
<b>TD1416</b>	16mm Capacity; #2MT; 450W Motor; 16 Speed; 360mm Swing; 1000mm Height

TD0813



### 3M Series Precision Pedestal Drill

- Three Phase, 415V, 9 Speed Pedestal Drill (No. 3MT)
- Also available in Single Phase, 240V
- No.3 MT Spindle, 9 Speeds
- 0.75kW AEG motor
- Rack and pinion lift table
- Fine and coarse depth adjustments
- Safety chuck guard

Part Number: 2120050



### Bench Drill

4-16mm / 16 speed / 550W

- 240V / 50Hz / 550W (3/4hp)
- Engineers type coolant table tray
- Chuck: 16mm
- Drilling capacity (steel): 28mm
- Overall height: 1065mm
- Nett weight: 61kg

Part Number: 7020



### Drilling Machine Range

- Quality casting, construction and componentry
- Emergency stop switch
- Chuck safety guard
- Complete with drill chuck

Part No.	Description
<b>TD1316F</b>	16mm Capacity; #2MT; 550W Motor; 16 Speed; 325mm Swing; 1580mm Height
<b>TD1416F</b>	16mm Capacity; #2MT; 550W Motor; 16 Speed; 360mm Swing; 1600mm Height
<b>TD1420F</b>	20mm Capacity; #3MT; 750W Motor; 12 Speed; 360mm Swing; 1600mm Height
<b>TD1825F</b>	25mm Capacity; #3MT; 1500W Motor; 12 Speed; 450mm Swing; 1710mm Height
<b>TD2032F</b>	32mm Capacity; #4MT; 1500W Motor; 12 Speed; 510mm Swing; 1710mm Height

TD1416F



## DRILLS - PEDESTAL



### 380mm Drill Press

- Patented X-Y Laser guide enables rapid and accurate pre-alignment of drilling location
- 12 speed design with quick reference guide for easy speed select
- Depth adjustment gauge
- Durable cast iron table surface

Part Number: B16RM



### Pedestal Drill Press 1HP/16 Speed

- 240V / 50Hz / 750W (1Hp)
- No volt release safety switch
- Engineers type coolant table tray
- Chuck drill size: 20mm
- Steel drilling capacity: 28mm
- Swing: 430mm
- Overall height: 1635mm
- Nett weight: 85kg

Part Number: 7065





# MACHINERY & WORKSHOP EQUIPMENT



## Pedestal Drill 4-16mm / 16 Speed / 550W

- 240V / 50Hz / 550W (3/4Hp)
- Engineers type coolant table tray
- Chuck: 16mm
- Drilling capacity (steel): 28mm
- Overall height: 1610mm
- Nett weight: 67kg

Part Number: 7019



## GENERATORS - DIESEL



### Diesel Generator



Model No.	HP	KVA	Watts Max	Watts Rated	DC	dB(A)
D4	6.0hp	3.75kva	3800w	2800w	12v/8.3amp	90dB(A)
D6	10.0hp	6.3kva	5500w	4600w	12v/8.3amp	95dB(A)



### AVR Generator



Model No.	HP	KVA	Start	Watts Max	Watts Rated	Hz/V	dB(A)	Tank Cap
SL2800	6.5hp	2.8kva	Pull	2300w	2000w	50hz/240v	68dB(A)	18lt
SL3500	6.5hp	3.5kva	Pull	2500w	2300w	50hz/240v	68dB(A)	18lt
SL5600	11hp	5.6kva	Pull	4500w	4000w	50hz/240v	71dB(A)	25lt
SL6800	13hp	16.8kva	Pull	5500w	5000w	50hz/240v	72dB(A)	25lt
SL6800E	13hp	6.8kva	Elec	5500w	5000w	50hz/240v	72dB(A)	25lt



### AVR Pure Sine Wave



Model No.	HP	KVA	Start	Watts Max	Watts Rated	Hz/V	dB(A)	Tank Cap
SW2800	6.5hp	2.8kva	Pull	2300w	2000w	50hz/240v	68dB(A)	18lt
SW6800	13hp	6.8kva	Pull	5500w	5000w	50hz/240v	72dB(A)	25lt
SW6800E	13hp	6.8kva	Elec	5500w	5000w	50hz/240v	72dB(A)	25lt
SW8100E	15hp	8.1kva	Elec	6500w	6000w	50hz/240v	72dB(A)	25lt



### 4.5 kVA Diesel Generator

- Efficient single cylinder diesel engine
- Dual 240 V AC x 15 A outlets
- Powerful 12 V DC charger
- Ideal for backup power and small workshop applications
- Automatic Transfer Switch socket
- 2 year/250 hours warranty for domestic use or 1 year/250 hours warranty for commercial use

Part Number: KDE6700TA



## GENERATORS - INVERTER



PORTABLE GENERATORS  
Reliable Power - Built to Last

### Powerhouse Digital Inverter Generators

Your ultimate companion for Camping, 4WD trips and Caravanning. Inverter generators provide the quiet, stable power required to run sensitive electronic equipment such as computers. Offers excellent fuel consumption and compact portability.

Each individual generator is load cycled and has polarity, voltage, frequency (Hz) tests conducted by Advanced Power technicians in Australia.

All machines come with a tool kit, oil bottle and 12V leads.



Model Number	Cont. Output (W)	Max Output (W)	Noise Level @ 7m (dB)	Weight (Kg)	Start
HY1000Si	950	1000	58	13	Recoil
HY2000Si	2000	2200	65	27	Recoil/Electric
HY3000Si	2600	2800	65	28.5	Recoil/Electric
HY3600SEi	3100	3200	59	37	Recoil/Electric



## KIPOR

### 1 kVA Fully Inverter Portable Generator

- Compact and lightweight - only 14 kg
- Quiet operation 54 dB
- Smart throttle power management
- 240 V AC x 15 A and 12 V DC outlets
- Powerful 12 V DC charger for batteries
- Ideal for camping, general lighting and small appliances
- 2 year warranty

Part Number: GS1000



## KIPOR

### 2 kVA Fully Inverter Portable Generator

- Compact and lightweight - only 22 kg
- Quiet operation 54 dB
- Smart throttle power management
- 12 V DC x 5.0 A power outlet
- Ideal for camping, general lighting, small power tools and appliances
- Dual 240 V AC x 15 A and 12 V DC outlets
- 2 year warranty

Part Number: GS2000



## GENERATORS - PETROL

## KIPOR

### 2.2 kVA Portable Petrol Generator

- Dual 240 V AC x 15 A power outlets with independent switches
- Voltage meter
- Engine hour meter
- Large fuel tank capacity
- Strong carry/rollover frame
- 2 year warranty

Part Number: KGE2500x



## KIPOR

### 3.3 kVA Portable Petrol Generator

- Triple 240 V AC x 15 A power outlets with independent switches
- Voltage meter
- Engine hour meter
- Large fuel tank capacity
- Strong carry/rollover frame
- Ideal for small power tools, emergency lighting and 12 V DC charging
- 2 year warranty

Part Number: KGE4000x



## KIPOR

### 5.5 kVA Portable Petrol Generator

- Triple 240 V AC x 15 A power outlets with independent switches
- Voltage meter
- Engine hour meter
- Large fuel tank capacity
- Strong carry/rollover frame
- 2 year warranty
- Ideal for most power tools, emergency lighting, backup power - domestic and industrial applications

Part Number: KGE6500x



## KIPOR

### 5.5 kVA Portable Petrol Generator

- Electric key start
- Voltage meter
- Engine hour meter
- Large fuel tank capacity
- Strong carry/rollover frame
- 2 year warranty
- Ideal for most power tools, emergency lighting, backup power for domestic and industrial applications
- Triple 240 V AC x 15 A power outlets with independent switches

Part Number: KGE6500E



### BUILDERS SPECIAL™ Petrol Powered Generators

- Earth leakage protection
- IP66 Weatherproof outlets
- Rollover frame
- Compliant for Workcover

Model Number	kVA	Watts	Engine	HP	Start
APH25RS1BS	2.5	2000	Honda	5.5	Recoil
APH33RS1BS	3.3	2700	Honda	6.5	Recoil
APH44RS1BS	4.4	3520	Honda	9	Recoil
APH58RS1BS	5.8	4640	Honda	11	Recoil
APH70RS1BS	7.0	5600	Honda	13	Recoil
APH70ES1BS	7.0	5600	Honda	13	Electric
APH80RS1BS	8.0	6400	Honda	13	Recoil
APH80ES1BS	8.0	6400	Honda	13	Electric
APB90RS1VBS	9	7200	Vanguard	14	Recoil
APB90ES1VBS	9	7200	Vanguard	14	Electric



SCORPION

### Petrol Workstation

TORINI  
ENGINEER

Model No.	Generator	Compressor	Welder	Battery Charger
S-3600HM	Recoil Start	2hp	200amp	12volt/15amp
	13hp Austech	Direct Drive		
	7kva	10lt Tank		



# MACHINERY & WORKSHOP EQUIPMENT

## GRINDERS – BENCH



### 200HD Bench Grinder

- Single Phase, 240V, 2800RPMs

**Part No. 3850260**

- Three Phase, 415V, 2800RPMs

**Part No. 3850210**



### 280W Industrial Bench Grinder

- 150mm heavy duty industrial bench grinder
- 280W - 25mm wide wheels

**Product Code: ATBG280/6**



### 600W Industrial Bench Grinder

- 200mm heavy duty industrial bench grinder
- Full 3/4 HP Plus, the most powerful bench grinder in its class
- Fully adjustable tools rests

**Product Code: ATBG600/8**



### Industrial Bench Grinders

The Linishall range of bench grinders are heavy duty models with higher horse-power for industrial and top end DIY use. They all include accessories such as work light, wheel dresser, coolant tray and cast tool rests. Preload bearings eliminate end play. The optional stand (BGSHEET) is of heavy duty sheetmetal construction.

Part No.	Wheel Dia	kW (HP)
<b>BG6</b>	6" (150mm)	450W (0.6HP)
<b>BG8</b>	8" (200mm)	750W (1.0HP)
<b>BG10</b>	10" (250mm)	900W (1.2HP)
<b>BGSHEET</b>	Sheetmetal pedestal suitable for all 6" and 8" grinders	



### PG350 Pedestal Grinder

- Three Phase, 415V, 2.9HP with Zero Volt Release and Overload Protection
- Fully enclosed, fan cooled unit operating on a CMG three phase, 415 volt motor
- Exhaust outlets aligned to rear of machine
- Externally mounted junction box for ease of access during maintenance
- Safety glass eyeshields

**Part Number: 3220020**



### Bench Grinder c/w Belt Grinding Attachment

The Linishall 915 x 50mm Belt & Disc Grinding attachment has been fitted to a Linishall 8" (200mm) Bench Grinder that has the necessary 1HP to satisfactorily drive an attachment of this nature. Supplied fully assembled. Can be fitted on the Linishall "BGSHEET" optional sheetmetal pedestal to complete the package.

Part No.	Grinding Wheel Dia	kW (HP)	Belt Size	Disc Size
<b>BG8/915</b>	200mm (8")	750W (1.0HP)	915x50mm (36"x2")	178mm (7")



## HANDLES - MACHINERY



### Bakelite Handknob

Part Number	Description	Size
DIN6335-KU-20-M4-K	4 pt. Bakelite Handknob	M4
DIN6335-KU-25-M5-K	4 pt. Bakelite Handknob	M5
DIN6335-KU-32-M6-K	4 pt. Bakelite Handknob	M6
DIN6335-KU-40-M8-K	4 pt. Bakelite Handknob	M8
DIN6335-KU-50-M10-K	4 pt. Bakelite Handknob	M10
DIN6335-KU-63-M12-K	4 pt. Bakelite Handknob	M12
DIN6335-KU-80-M16-K	4 pt. Bakelite Handknob	M16
GN6335.4-SK-32-M6-20	4 pt. Bakelite Handknob Male	M6x20
GN6335.4-SK-32-M6-30	4 pt. Bakelite Handknob Male	M6x30
GN6335.4-SK-32-M6-45	4 pt. Bakelite Handknob Male	M6x45
GN6335.4-SK-40-M8-20	4 pt. Bakelite Handknob Male	M8x20
GN6335.4-SK-40-M8-30	4 pt. Bakelite Handknob Male	M8x30
GN6335.4-SK-40-M8-55	4 pt. Bakelite Handknob Male	M8x55
GN6335.4-SK-50-M10-25	4 pt. Bakelite Handknob Male	M10x25
GN6335.4-SK-50-M10-35	4 pt. Bakelite Handknob Male	M10x35
GN6335.4-SK-50-M10-55	4 pt. Bakelite Handknob Male	M10x55
GN6335.4-SK-63-M12-30	4 pt. Bakelite Handknob Male	M12x30
GN6335.4-SK-63-M12-40	4 pt. Bakelite Handknob Male	M12x40
GN6335.4-SK-63-M12-60	4 pt. Bakelite Handknob Male	M12x60
GN6335.4-SK-80-M16-50	4 pt. Bakelite Handknob Male	M16x50
DIN6336-KU-20-M4-K	7 pt. Bakelite Handknob	M4
DIN6336-KU-25-M5-K	7 pt. Bakelite Handknob	M5
DIN6336-KU-32-M6-K	7 pt. Bakelite Handknob	M6
DIN6336-KU-40-M8-K	7 pt. Bakelite Handknob	M8
DIN6336-KU-50-M10-K	7 pt. Bakelite Handknob	M10
DIN6336-KU-63-M12-K	7 pt. Bakelite Handknob	M12
DIN6336-KU-80-M16-K	7 pt. Bakelite Handknob	M16
GN6336.4-SK-25-M5-20	7 pt. Bakelite Handknob Male	M5x20
GN6336.4-SK-25-M5-30	7 pt. Bakelite Handknob Male	M5x30
GN6336.4-SK-32-M6-20	7 pt. Bakelite Handknob Male	M6x20
GN6336.4-SK-32-M6-30	7 pt. Bakelite Handknob Male	M6x30
GN6336.4-SK-32-M6-55	7 pt. Bakelite Handknob Male	M6x55
GN6336.4-SK-40-M8-20	7 pt. Bakelite Handknob Male	M8x20
GN6336.4-SK-40-M8-30	7 pt. Bakelite Handknob Male	M8x30
GN6336.4-SK-40-M8-55	7 pt. Bakelite Handknob Male	M8x55
GN6336.4-SK-50-M10-25	7 pt. Bakelite Handknob Male	M10x25
GN6336.4-SK-50-M10-35	7 pt. Bakelite Handknob Male	M10x35
GN6336.4-SK-50-M10-55	7 pt. Bakelite Handknob Male	M10x55
GN6336.4-SK-63-M12-30	7 pt. Bakelite Handknob Male	M12x30
GN6336.4-SK-63-M12-40	7 pt. Bakelite Handknob Male	M12x40
GN6336.4-SK-63-M12-60	7 pt. Bakelite Handknob Male	M12x60
GN6336.4-SK-80-M16-60	7 pt. Bakelite Handknob Male	M16x60



### Indexing Handle

Part Number	Description	Size
GN300-45-M4-SW	Indexing Handle	M4
GN300-45-M5-SW	Indexing Handle	M5
GN300-45-M6-SW	Indexing Handle	M6
GN300-63-M8-SW	Indexing Handle	M8
GN300-78-M10-SW	Indexing Handle	M10
GN300-92-M12-SW	Indexing Handle	M12
GN300-108-M16-SW	Indexing Handle	M16
GN300-45-1/4x20-SW	Indexing Handle	1/4 UNC
GN300-63-5/16x18-SW	Indexing Handle	5/16 UNC
GN300-78-3/8x16-SW	Indexing Handle	3/8 UNC
GN300-92-1/2x13-SW	Indexing Handle	1/2 UNC
GN300-45-M4-20-SW	Indexing Handle Male	M4x20
GN300-45-M4-32-SW	Indexing Handle Male	M4x32
GN300-45-M5-20-SW	Indexing Handle Male	M5x20
GN300-45-M5-32-SW	Indexing Handle Male	M5x32
GN300-45-M5-50-SW	Indexing Handle Male	M5x50
GN300-45-M6-20-SW	Indexing Handle Male	M6x20
GN300-45-M6-32-SW	Indexing Handle Male	M6x32
GN300-45-M6-50-SW	Indexing Handle Male	M6x50
GN300-63-M8-20-SW	Indexing Handle Male	M8x20
GN300-63-M8-32-SW	Indexing Handle Male	M8x32
GN300-63-M8-63-SW	Indexing Handle Male	M8x63
GN300-78-M10-20-SW	Indexing Handle Male	M10x20
GN300-78-M10-32-SW	Indexing Handle Male	M10x32
GN300-78-M10-40-SW	Indexing Handle Male	M10x40
GN300-78-M10-63-SW	Indexing Handle Male	M10x63
GN300-92-M12-20-SW	Indexing Handle Male	M12x20
GN300-92-M12-32-SW	Indexing Handle Male	M12x32
GN300-92-M12-50-SW	Indexing Handle Male	M12x50
GN300-92-M12-63-SW	Indexing Handle Male	M12x63
GN300-108-M16-25-SW	Indexing Handle Male	M16x25
GN300-45-1/4x20-20-SW	Indexing Handle Male	1/4UNCx20
GN300-45-1/4x20-32-SW	Indexing Handle Male	1/4UNCx32
GN300-63-5/16x18-20-SW	Indexing Handle Male	5/16UNCx20
GN300-63-5/16x18-40-SW	Indexing Handle Male	5/16UNCx40
GN300-78-3/8x16-20-SW	Indexing Handle Male	3/8UNCx20
GN300-78-3/8x16-40-SW	Indexing Handle Male	3/8UNCx40
GN300-92-1/2x13-32-SW	Indexing Handle Male	1/2UNCx32
GN300-92-1/2x13-40-SW	Indexing Handle Male	1/2UNCx40
GN300-108-5/8x11-40-SW	Indexing Handle Male	5/8UNCx40
GN300-108-5/8x11-63-SW	Indexing Handle Male	5/8UNCx63



# MACHINERY & WORKSHOP EQUIPMENT



Indexing Handle

Part Number	Description	Size
233101-C1	Fibreglass Indexing Handle	M5
233106-C1	Fibreglass Indexing Handle	M6
233136-C1	Fibreglass Indexing Handle	M8
233156-C1	Fibreglass Indexing Handle	M10
233176-C1	Fibreglass Indexing Handle	M12
234101-C1	Fibreglass Indexing Handle Male	M5x10
234111-C1	Fibreglass Indexing Handle Male	M5x20
234121-C1	Fibreglass Indexing Handle Male	M6x16
234131-C1	Fibreglass Indexing Handle Male	M6x25
234146-C1	Fibreglass Indexing Handle Male	M6x40
234336-C1	Fibreglass Indexing Handle Male	M8x20
234346-C1	Fibreglass Indexing Handle Male	M8x30
234356-C1	Fibreglass Indexing Handle Male	M8x40
234516-C1	Fibreglass Indexing Handle Male	M10x20
234526-C1	Fibreglass Indexing Handle Male	M10x30
234541-C1	Fibreglass Indexing Handle Male	M10x50
234726-C1	Fibreglass Indexing Handle Male	M12x30

## HAND WHEELS & HANDLES



Hand Wheels

Part Number	Description	Size
GN923-80-B10-A-SW	Alum. Disc H/Wheel Blk.	80mm
GN923-100-B10-A-SW	Alum. Disc H/Wheel Blk.	100mm
GN923-125-B12-A-SW	Alum. Disc H/Wheel Blk.	125mm
GN923-160-B14-A-SW	Alum. Disc H/Wheel Blk.	160mm
GN923-200-B18-A-SW	Alum. Disc H/Wheel Blk.	200mm
GN923-80-B10-R-SW	Alum. Disc H/Wheel Blk. c/w Grip	80mm
GN923-100-B10-R-SW	Alum. Disc H/Wheel Blk. c/w Grip	100mm
GN923-125-B12-R-SW	Alum. Disc H/Wheel Blk. c/w Grip	125mm
GN923-160-B14-R-SW	Alum. Disc H/Wheel Blk. c/w Grip	160mm
GN923-200-B18-R-SW	Alum. Disc H/Wheel Blk. c/w Grip	200mm
DIN950-AL-100-B10-A	Alum. Spoked H/Wheel	100mm
DIN950-AL-125-B12-A	Alum. Spoked H/Wheel	125mm
DIN950-AL-160-B14-A	Alum. Spoked H/Wheel	160mm
DIN950-AL-200-B18-A	Alum. Spoked H/Wheel	200mm
DIN950-AL-250-B22-A	Alum. Spoked H/Wheel	250mm
DIN950-AL-315-B26-A	Alum. Spoked H/Wheel	315mm
DIN950-GG-100-B10-A	Cast Iron Spoked H/Wheel	100mm
DIN950-GG-125-B12-A	Cast Iron Spoked H/Wheel	125mm
DIN950-GG-160-B14-A	Cast Iron Spoked H/Wheel	160mm
DIN950-GG-200-B18-A	Cast Iron Spoked H/Wheel	200mm
DIN950-GG-250-B22-A	Cast Iron Spoked H/Wheel	250mm
DIN950-GG-315-B26-A	Cast Iron Spoked H/Wheel	315mm

## HYDRAULIC PRESSES



### Shop Presses

- Heavy duty various working positions
- Designed for automotive, truck and industrial repair shop work such as bending, straightening, folding and punching
- Ideal for the removal and installation of bolts, bearings, gears, etc.



Part Number	Description
SP12	Shop Press, 12 Tonne
SP20	Shop Press, 20 Tonne
SP40	Shop Press, 40 Tonne, Air Operated



### E.Series H-Frame Presses

- Extremely sturdy frames, made from welded steel profiles.
- Available hand operated, air/hydraulic and electric powered versions, in tonnages from 10T to 250T. 10T and 20T models are available as bench presses. Special configurations are available.
- The height of the table can be adjusted in floor models. In 60 and 120 ton models, this movement is carried out by a winch system and in the 250 ton models by a series of chains attached to the press cylinder itself.
- Presses are supplied with V blocks as standard
- On 10 T and 20T bench presses, the hydraulic unit can easily be removed and used in other applications.
- For the 30 ton EM manual presses, the hydraulic cylinder is equipped with a screw extension designed to minimise the pumping action required.
- EM models incorporate a two-speed pump for the quick approach of the piston to the work piece.
- All models incorporate a pressure gauge (reading in tons).



Product Number	Capacity Ton	Powered By	Cylinder	Vertical Daylight (max)	Horizontal Daylight
EM03012	30	Hand Pump	Single Acting	930 mm	500 mm
EZ06018	60	Air/Hydraulic Pump	Single Acting	935 mm	860 mm
EE12018CE	120	Electric Pump	Double Acting	910 mm	880 mm

Other models and power unit configurations up to 250 Tons capacity available





### Hydraulic Press 20,000kg

- Fully welded frame
- Bottle jack type
- Max. working distance: 705mm
- Min. working distance: 130mm
- Gap between columns: 570mm
- Supplied with V blocks
- 6 height settings
- Size: 1510(H) x 665(W)mm
- Nett weight: 88kg



Part Number	Description
1002	Hydraulic Press 20,000kg
2037	Hydraulic Press 50,000kg

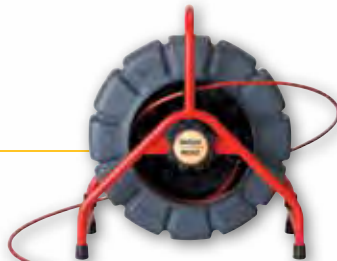
Also available as 50,000kg Hydraulic Press

### INSPECTION CAMERAS



#### SeeSnake® Pipe Inspection

Technology that gives you the vision to locate and solve difficult in-line problems fast and efficiently. RIDGID puts you inside the drain with SeeSnake.



Part No.	Description
83617	SeeSnake 200' Colour Mini Reel
13993	SeeSnake 200' Colour Self Levelling Head
14003	SeeSnake 325' Colour Self Levelling Head
35213	microReel Inspection Camera



#### SeeSnake® micro™ Inspection Camera

An affordable handheld diagnostic tool provides superior picture quality on an LCD screen. It allows you to inspect countless unreachable spaces. It has a 91cm flexible cable with LED lighting, expandable to 9.1 mtrs with optional extensions and can also retrieve some small objects. 6 hours of continuous run time and hard shell storage case.



Part No.	Description
31118	SeeSnake micro Inspection Camera 17mm
31123	SeeSnake micro Inspection Camera 9.5mm
31128	UNIVERSAL micro 3' (91cm) Cable Extension
31133	UNIVERSAL micro 6' (182cm) Cable Extension
30068	SeeSnake micro 3' (91cm) Cable with 9.5mm Head



#### SeeSnake® microExplorer Digital Inspection Camera

The microExplorer digital inspection camera is a powerful handheld video inspection system that allows users to record digital images and video onto a removable digital SD card inserted into the unit. It has a mini USB port to allow the transfer of recorded information onto your computer where it can be saved, emailed or posted online for your customers, repair technicians or others to view. The unit can capture JPEG images or AVI videos.

**Display:** 8.89cm (3.5") Colour LCD,  
**Cable Reach:** 91cm (3') (expandable to 9.1m (30') with optional extensions.  
**Power Source:** Rechargeable Lithium Ion Battery (4 hours of continuous run time)

**Part Number:** 35323



### KEYSTEEL



#### Zinc Plated Keysteel

HERKEY quality keysteel is accurately rolled from EN6 steel – 300mm lengths are then Zinc Plated.

- Available in Metric and Imperial sizes in lengths up to 3 metres – the full range is available in Australia.
- Manufactured to Imperial and Metric Keyway Standards.



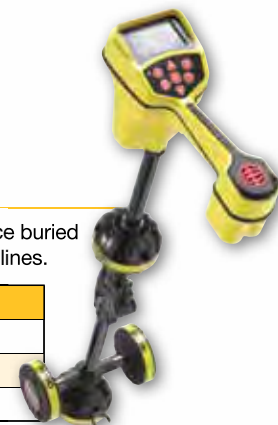
### LINE LOCATION



#### Line Location

Line tracing at it's best. Advanced technology to trace buried pipes, power and telecom cables and other metallic lines.

Part No.	Description
21893	SR-20 Line locator
96967	NaviTrack 11 Line locator
19238	Scout Locator



### LINISHING BELT MACHINES & ATTACHMENTS



#### 915x50 Belt Grinding Attachment

Fits easily to most 6" or 8" bench grinders. Rugged cast metal construction. Simple assembly and adjustment. Easy belt tracking with no tools required. Shown with optional side tilting mitre table.



Part Number	Belt Size	Disc Size
915	915x50mm (36"x2")	178mm (7")
915TABLE	Optional Side Tilting Mitre Table	



# MACHINERY & WORKSHOP EQUIPMENT



## Belt Grinding Attachments

Attaches to an electric motor (preferred) or some bench grinders. (Performance is directly related to motor power - Minimum 1HP (750W) recommended). Easy belt tracking with no tools required.

Part No.	Belt Size	Rubber Contact Wheel
1220/50	1220mm x 50mm	100mm dia x 50mm wide
1520/50	1520mm x 50mm	100mm dia x 50mm wide
1520/100	1520mm x 100mm	100mm dia x 100mm wide



## Multitool #362 PLUS Belt Grinding Machine

- Mounted on the Abbott & Ashby 150mm Industrial Bench Grinder
- 50 x 915mm belt
- 178mm diameter disc.
- Ideal for grinding, sanding and polishing

Product Code: PO362PLUS



## Multitool #362 PLUS8 Belt Grinding Machine

- Mounted on the Abbott & Ashby 200mm Industrial Bench Grinder
- 50 x 915mm belt
- 178mm diameter disc.
- Ideal for grinding, sanding and polishing

Product Code: PO362PLUS8



## Multitool #362

- Attachment only
- Belt size: 915 x 50mm
- Suits most: 150 & 200mm bench grinders

Product Code: PO362



## Multitool #364

- Attachment only
- Belt size: 915 x 100mm belt, 178mm disc, 89mm contact wheel
- Suits most 200mm bench grinders with a minimum of 1/2 HP and screw mounted guards.

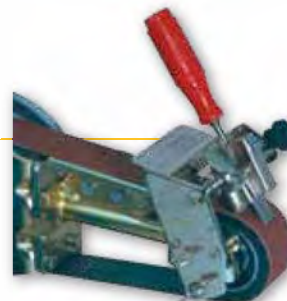
Product Code: PO364



## Tool Sharpening Jig

- Multitool sharpenig jig accessory enables a professional result when sharpening chisels, planer blades, and screwdrivers.
- Easily fitted to multitools

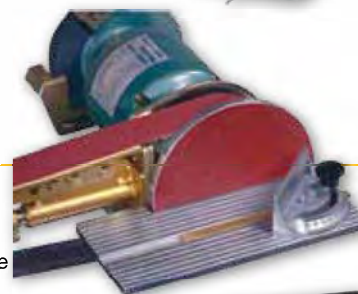
Product Code: POJIG



## Mitre Table Attachment

- Fits all Multitool models. Table can be tilted up 5 deg. and down 50 deg.
- Table size is 110 x 204mm.
- The accurate way to grind ends square and adjust lengths and angles

Product Code: POMTA



## Portagrind Attachment

- Portagrind Belt finishing attachment with a 610mm x 25mm belt, 25mm contact wheel suits angle grinders electric or pneumatic 100, 115 and 125mm with screw mounted guards
- Great for getting into those tight areas where the use of a Multitool is not possible
- Weight 1.57kg

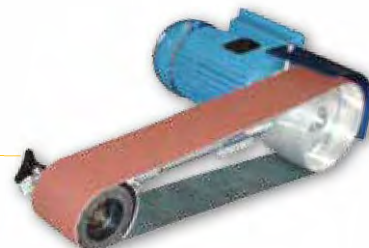
Product Code: PORTAGRIND



## Belt Grinding Machines (Bench Mount)

Linlshall belt grinding attachments fitted to a continuous rated 1.1 kW (1 1/2 HP) TEFC electric motor.

Belt Size	Part Number 1 Phase - 240V	Part Number 3 Phase - 415V
1220mm x 50mm	1220/50/M1	1220/50/M3
1520mm x 50mm	1520/50/M1	1520/50/M3
1520mm x 100mm	1520/100/M1	1520/100/M3



## Belt Grinding Machines (Pedestal Mount)

Linlshall belt grinders fitted to a heavy duty sheetmetal pedestal. All pedestal mounted units have IP657 rated switchgear fitted, which includes thermal overload protection and No-Volt Release.

Belt Size	Part Number 1 Phase - 240V	Part Number 3 Phase - 415V
1220mm x 50mm	1220/50/P1	1220/50/P3
1520mm x 50mm	1520/50/P1	1520/50/P3
1520mm x 100mm	1520/100/P1	1520/100/P3







## Heavy Duty Linishing Machines

Fully guarded with hinged flap on top for platen linishing. Includes front dust chute and rear dust extractor port, eye guards and tool rests. Adjustable for height. Large horsepower motors. Simple tracking and belt change.



Part Number	Belt Size	Electric Motor
2000/75/P1	2000mm x 75mm	3.0kW (4HP) - 1 Phase (240V)
2000/75/P3	2000mm x 75mm	3.0kW (4HP) - 3 Phase (415V)
2000/150/P3	2000mm x 150mm	3.0kW (4HP) - 3 Phase (415V)

## MOTOR - CORE DRILL



### Professional Core Drill Motors

- Heavy duty 3-speeds hand held or rig mounted for heavy rental and the professional choice for serious drilling.

Part Number	Weight (kgs)	Drilling Range	Connection	RPM
<b>1500 W Motor</b>				
WEKA-DK12	5.9	10-120mm	½" + 1¼"	970/2330/4830
<b>2000 W Motor</b>				
WEKA-DK16	5.9	10-120mm	½" + 1¼"	540/1200/2520

## WIRING MACHINES



### Swage, Jenny & Wiring Machines

- For forming of sheetmetal.
- Supplied with a range of wheels including
- Swaging (or Wiring), Jenny (or Flanging), Crimping,
- Necking (or Jogging), etc.

Part No.	Capacity (M.S. Sheet)	Operation
SJ1	1.2 mm (18g)	Manual
SJ2	1.6 mm (16g)	Manual
SJ2-M	1.6 mm (16g)	Powered - 3 Ph motor

## PULLEYS - BUSHES

Taper Pulleys



Taper Pushes



Locking Systems



"POWER FOR THE NEXT GENERATION"

### Taper Pulleys, Bushes and Locking Assemblies

Australia's reliable source in Short Reach Pulleys and bushes!

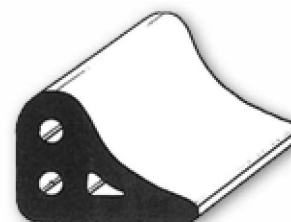
- We stock a full range of SPZ, SPA, SPB, SPC (up to SPC1250x10) Pulleys
- Full range of Taper bushes (1008 - 5050 in Imperial and Metric sizes)
- Locking Assemblies are Tollok and Ringfeder interchangeable



## VEHICLE WHEEL CHOCKS



### Silentbloc Wheel Chocks & Hose Ramps



The Silentbloc range of wheel chocks and hose ramps are essential tools for safety conscious vehicle operators and workshops. Available in a variety of sizes

#### Silentbloc Unique Features:

- Silentbloc wheel chocks are easy to use with free rope handles
- Robust design

Part No.	Description
CH100	Wheel Chock Length 100 x Width 140 x Height 75 (mm)
CH150	Wheel Chock Length 150 x Width 250 x Height 150 (mm)
CH245	Wheel Chock Length 245 x Width 300 x Height 205 (mm)
CH315	Wheel Chock Length 315 x Width 250 x Height 150 (mm)
HR500	Hose Ramp Length 500 x Width 370 x Height 107 (mm)



# MACHINERY & WORKSHOP EQUIPMENT

## PUMPS - PRESSURE



### Bianco Pressure Pumps

Fully electronic, auto control starts automatically when a tap is turned on, Operates constantly from low to full flow. Stainless Steel. 2 Year Warranty.



Part Number	Description	Taps
BIA-INOX120PC	Bianco Pump 1200w 240V	5-6 Taps
BIA-INOX60PC	Bianco Pump 600w 240V	3-4 Taps
BIA-INOX80PC	Bianco Pump 800w 240V	4-5 Taps

## PUMP - SUBMERSIBLE



### Dab Submersible Pump

**Reinforced inert plastic body** - non-corrosive for long life. Built in rigid float activated automatic switch - factory set for reliable operation, eliminate float cable failure.

**Stainless Steel shaft and screws** - corrosion resistant for longer life.

**Repairable** - longer service life.

**Ball bearings** - longer life and quiet operation.

**Ground rotor shaft, triple lip seals in oil chamber** - longer seal and pump life.  
**2 Year warranty** - parts and labour.



Part Number	Description
DAB-NOVA180A	DAB Pump Submersible 0.22kW 0.3hp 240V - Automatic



### Bianco Submersible Pumps

Suitable for all de-watering tasks including pumping out sumps, flooded areas and draining water from wells. Domestic use only. Light and compact, fully automatic operation. Great value for money. 10m cable, 12 months warranty.

Part Number	Description
BIA-JH400	Bianco Pump Submersible 400w 240V
BIA-JH550	Bianco Pump Submersible SS 550w 240V
BIA-JH550B	Bianco Pump Submersible 550w 240V VORTEX
BIA-JH750B	Bianco Pump Submersible SS 750w 240V VORTEX
BIA-JH900	Bianco Pump Submersible 900w 240V

## PUMPS - WATER



### High Pressure Water Pump

- 3 way discharge port
- Self priming
- High flow rate with strong pressure
- Complete with suction and discharge hose
- Ideal for fire protection or high head water transfer
- 2 year warranty

Part Number: KGP15H



## PUNCHES - BENCH - SHEETMETAL



### Bench Punch

- For punching holes in sheetmetal.
- Punches and Dies made from high quality tool steel.

Part No.	Punch Diameters	Material Thickness
PUNCH	3, 4, 5, 6, 8 + 10mm	up to 2.5 mm



## PUNCH - HYDRAULIC

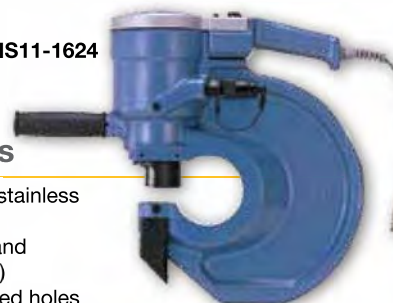


HS11-1624

### Nitto Hydraulic Punches

- Applicable for both mild steel and stainless steel punching
- Auto return (automatic operation) and Inching function (manual operation)
- Will punch both round and elongated holes
- Selfer Hydraulic Pump HPD-05 is required to operate units
- Additional 25mm 'Lock Nut' is required for HS07-1624 and HS11-1624

Model Number	Punching Capacity	Max. Punching Thickness		Throat Depth	Weight
		Mild Steel	Stainless		
HS11-1624	8 - 25mm	16mm	6mm	110mm	30.0 kg
HS07-1624	8 - 25mm	16mm	6mm	70mm	25.5 kg
HS06-1322	8 - 22mm	13mm	6mm	60mm	20.5 kg



## ROLL GROOVING



### Roll Groover - 915

Manual roll groover built for solid reliable field applications. Requires only 3 1/2" of clearance to travel around a pipe and a minimum of 2 3/4" of exposed pipe for grooving. Can groove from 1 1/4" top 12" pipe.

Part Number: 88232





## SAWS - BANDSAW



### Portable Bandsaw

- Suitable for steel, non ferrous, plastics, wood, etc.
- Only 17.5 kg but strong and compact for on-site work.

Part No.	Motor	Speed	Power	Blade length
BS85	240V - 1Ph	Variable 40 - 88 m/min	1kW (1.5 HP)	1325 x 13 x 0.65 mm



### Workshop Bandsaws

4 speed saws with controlled feed rate and auto cut-off. Integral coolant system. Removeable table for vertical bandsawing.

Part No.	Head	Motor	Cap. - Rnd	Cap. - Rect
BS712N	Fixed	240V - 1.1kW	178 mm	305x178 mm
BS712R	Swivel	240V - 1.1kW	178 mm	210x178 mm



### 900W Band Saw 2 Speed

- Precision top and bottom roller guides for exact adjustment and quick release blade tensioner
- Cutting speed m/min: 370/800
- Cutting height/throat width: 165/305mm
- Bevel: -2° - 45°
- Includes: Safety switches, dust extractor port (ø 44, 58 & 100mm), mitre and rip fences, work stand

Part Number: BAS 317

**BIANCO**  
Quality Bandsaw Machines

**MADE IN ITALY**  
12 Month Warranty

#### Standard Features

- Automatic or Manual Downfeed
- Gravity downfeed over hydraulic brake
- Base with welded structure
- Bow made of hardened aluminium
- Adjustable blade guide blocks
- Low voltage control deadman trigger
- 0-60° mitre cutting
- Capacity to cut Structural Steel
- Length stop
- Coolant system
- Quick Lock Vice

### Bandsaw 280 M 60G

Part No: 280M60G



### Bandsaw 420 M 60G

Part No: 420M60G

**BIANCO**  
Quality Bandsaw Machines

**MADE IN ITALY**  
12 Month Warranty

#### Standard Features

- Full PLC control
- Hydraulic operation
- Bow made of hardened aluminium
- Adjustable blade guide blocks
- Automatic fast up/down bow control
- Adjustable pressure according to cutting resistance
- Material feed with transversal oscillation to facilitate feed of crooked bar
- Powered blade chip brush
- 0-60° mitre cutting

### Automatic Bandsaw

Part No: 330A60



### Automatic Bandsaw

Part No: 370A60



# MACHINERY & WORKSHOP EQUIPMENT



MADE IN ITALY  
12 Month Warranty

## ZIP 21 Dual Mode

Single Phase 240V - Blade Speed 80 MPM

Part No. 4121240

Three Phase 415V - Blade Speed 40/80 MPM

Part No. 4121415



MADE IN ITALY  
12 Month Warranty

## ZIP 28 Dual Mode

Single Phase 240V - Blade Speed 64 MPM

Part No. 4128240

Three Phase 415V - Blade Speed 45/90 MPM

Part No. 4128415



## Industrial Bandsaws

- Quality robust construction designed to give long service life in demanding industrial workplaces
- Fully adjustable hydraulic down feed with separate on/off valve and automatic shut-off at end of cut
- Incorporated recirculating coolant system
- Adjustable material stop for repetitive production
- Bandsaw comes complete with blade

Part Number	Bow Size	Motor	Swivel Head	Capacity 90° (mm)			Capacity 45° (mm)		
				○	□	▬	○	□	▬
MANUAL DOWNFEED TYPE WITH SWIVEL HEAD									
UE120SV	5"	0.6 HP 240V	Left	120	120	100X150	90	90	95X95
HYDRAULIC DOWNFEED TYPE - NO SWIVEL HEAD (SWIVEL VISE)									
UE712A	7"	1.0 HP 240V	None	180	180	180X280	110	110	-
MANUAL AND HYDRAULIC DOWNFEED TYPE WITH SWIVEL HEAD									
WP210SH-1P	7"	1.0 HP 240V	Left	170	170	210X95	125	120	-
WP210SH-3P	7"	1.0 HP 415V	Left	170	170	210X95	125	120	-
RF270S	9"	1.5 HP 415V	Left	225	215	245x150	140	215	-
WP270SH-1P	9"	1.5 HP 240V	Left	227	220	260x110	150	220	200x145
WP270SH-3P	9"	1.5 HP 415V	Left	227	220	260x110	150	220	200x145
WP275DS-1P	9"	1.5 HP 240V	L&R	227	220	260x110	150	220	200x125
WP275DS-3P	9"	1.5 HP 415V	L&R	227	220	260x110	150	220	200x125
WP310DS	10"	2.0 HP 415V	L&R	250	240	310x210	200	240	200x140
WE350DS	11"	2.0 HP 415V	L&R	270	260	350x220	240	260	240x160
SEMI-AUTOMATIC TYPE WITH SWIVEL HEAD									
WE350DSA	11"	2.0 HP 415V	L&R	270	260	350x220	240	260	240x160
UE331DSA	13"	3.0 HP 415V	L&R	331	331	320x485	315	331	330x280
UE460DSA	18"	5.0 HP 415V	L&R	460	460	600x440	460	460	

For a large range of bandsaws including Italian made MACC Bandsaws visit [www.industrialtool.com.au](http://www.industrialtool.com.au)



## Bandsaw Machines

Part Number	Product	Description
4470016	470 DGSA	<ul style="list-style-type: none"> <li>• 250mm dia cutting capacity</li> <li>• Double mitre</li> <li>• Hydraulic vice and bow</li> </ul>
4520014	520 DGSA	<ul style="list-style-type: none"> <li>• 300mm dia cutting capacity</li> <li>• Single mitre</li> <li>• Hydraulic vice and bow</li> </ul>
4550016	550 DGSA	<ul style="list-style-type: none"> <li>• 350mm dia cutting capacity</li> <li>• Double mitre</li> <li>• Hydraulic vice and bow</li> </ul>
4620016	620 DGSA	<ul style="list-style-type: none"> <li>• 450mm dia cutting capacity</li> <li>• Double mitre</li> <li>• Hydraulic vice and bow</li> </ul>

## SAWS - BLOCKSAW



## BBL Major - 4.0 kW

- Stay level blade guard for good protection and material viability.
- Conveyor cart with non slip rubber and tilt-lock wheels gives accurate and stable cut.
- Water return channels for dry and clean area improving user's comfort.
- Fully protected blade support shaft gives user's safety and bearings protection.
- Spring-loaded cutting head actioned by foot pedal or cutting handle for shock-free cutting, good pressure control so better cutting quality.
- Crank controlled cutting depth adjustment and head locking device for accurate cutting depth adjustment and straight through cutting.



Part Number	Size mm Length x Width x Height	Weight (kgs)	Specification Power x Voltage
BBL-350-415V	1480 x 610 x 1550	190.0	4.0kW x 415V 3~
BBL-500-415V	1480 x 610 x 1550	190.0	4.0kW x 415V 3~
BBL-500-13HP	1480 x 610 x 1670	210.0	9.6kW x PETROL



## SAWS - COLD/NON-FERROUS



### Aluminium/PVC Cutting Saw

- Three Phase, 415V, 400mm Diameter Blade
- Also available in Single Phase, 240V
- Comes with 2 feed roller conveyors, 3m long each and pneumatic clamping

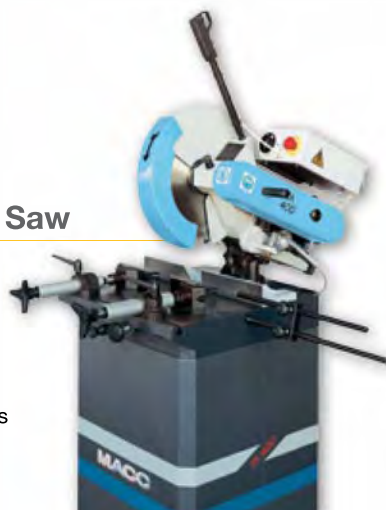
Part Number: TNF115



### Aluminium/PVC Upcut Saw

- Three Phase, 415V, 450mm Diameter Blade (also available in single phase)
- Comes with 2 feed roller conveyors, 3m long each and pneumatic clamping
- Mitring 60° left, straight 90° and 60° right with rapid adjustment bumpers

Part Number: TNF125



### Non Ferrous Metal Cutting Saw

#### Machine Features

- Designed for cutting aluminium, copper, brass etc.
- Swivel head 45° right and left
- Mitring head 45° left
- Trigger switch operation
- Twin manual sliding vices with teflon jaws
- Fully recirculating coolant system
- Adjustable material stop bar
- Complete with T.C.T saw blade

Part Number	Blade Size	Blade Speed RPM	Motor	Capacity 90° (mm)			Capacity 45° (mm)		
				○	□	▬	○	□	▬
TA400-3PH	400mm	3000	2200W 415V	140	110	180x100	130	100	150x100

## SAWS - COLD



### S350D Cold Saw

- High precision cutting saw for ferrous metals
- Three Phase, 415V (21/42 RPM) 350mm diameter blade
- Also available in Single Phase, 240V
- Operator controlled deadman trigger switch
- Spindle and drive immersed in oil solution ensures smooth performance and reduce machine wear
- Mitring locking device stops at 45° left straight 90° and 45° right
- Fully integrated coolant system
- Every unit is provided with a HSS blade
- Available as a bench mounted unit or with an integrated stand

Part Number: 9540040



### SA350 Semi-Automatic Coldsaw

- Three Phase, 415V (21/42 RPM) 350mm diameter blade (also available in single phase)
- Utilising the capabilities of the S350/S400 ferrous cutting machines the SA350 alleviates the repetitious cutting process without compromising cutting capabilities
- Pneumatic hydro-check unit incorporated with a smart PLC automates the cutting cycle for the operator
- Dual air-pneumatic vice clamps

Part Number: 9910040



### Circular Cold Cut Saws

These saws use a HSS blade for fast, accurate and burr free milled finish cutting of all types and shapes of steel. All machines have an integral coolant system. Double clamping vice with infinitely variable mitre cutting from 00 - 450.

250



Part No.	Blade Dia.	Voltage	Cap. - Rnd	Cap. - Sq	Cap. - Rect
250-1	250mm	240V - 1Ph	70 mm	60 mm	80x50 mm
250-3	250mm	415V - 3Ph	70 mm	60 mm	80x50 mm



# MACHINERY & WORKSHOP EQUIPMENT



## MACC Coldsaws

With over 35 years in the coldsaw manufacturing industry, MACC is internationally renowned for its superior quality and innovative product range.

MACC is imported and distributed by  
Industrial Tool & Machinery Sales.  
[www.industrialtool.com.au](http://www.industrialtool.com.au)



## Industrial Coldsaws

MACC Coldsaws - With over 35 years in the coldsaw manufacturing industry, MACC is internationally renowned for its superior quality and innovative product range.

### All Machines Features

- Swivel head 45° Left and Right
- Incorporated recirculating coolant system
- Adjustable material stop for repetitive production
- Complete with blade



Part Number	Blade Size	Motor	Vise Type	Capacity 90° (mm)			Capacity 45° (mm)		
				○	□	▭	○	□	▭
NEW250DV-1PH	250mm	900W 240V	Double	70	70	95x55	65	55	60x50
NEW250DV-3PH	250mm	1320W 415V	Double	70	70	95x55	65	55	60x50
NEW300-1PH	300mm	1500W 240V	Single	100	90	140x70	90	80	70x85
NEW300-3PH	300mm	2200W 415V	Single	100	90	140x70	90	80	70x85
THE FOLLOWING NEW315-DV COLDSAWS FEATURE AN ADJUSTABLE BLADE PROTECTION CLUTCH									
NEW315DV-1PH	315mm	1500W 240V	Double	90	85	120x70	80	70	80x80
NEW315DV-3PH	315mm	2200W 415V	Double	90	85	120x70	80	70	80x80
NEW350-3PH	350mm	2400W 415V	Single	110	100	155x80	90	85	90x85
NEW350DV-3PH	350mm	2400W 415V	Double	110	100	120x80	80	80	80x80
SEMI-AUTOMATIC TYPE									
NEW350S-3PH	350mm	2400W 415V	Double	110	100	120x80	80	80	80x80



Quality,  
Reliability,  
Efficiency &  
Durability.

MADE IN ITALY  
12 Month Warranty

## 250 Export

Single Phase 240V - Blade Speed 40 RPM

Part No. 4250240

## 315 Super Cut

Single Phase 240V - Blade Speed 44 RPM

Part No. 4315240

Three Phase 415V - Blade Speed 41/82 RPM

Part No. 4315415



3 SPEED  
(Three phase only)

## 350 Super Technics

Single Phase 240V - Blade Speed 44 RPM

Part No. 4350240

Three Phase 415V P - Blade Speed 22/44/88 RPM

Part No. 4350415

## SAWS - MASONRY - ELECTRIC



## BBC Junior Masonry Saw

- 1.7 kW

- Heavy duty CMG 1.7kw motor.
- 350mm blade capacity for a maximum cutting depth of 110mm.
- Open back design allows longer length cutting.
- Mechanical water pump with slurry separator.
- Rugged all steel frame and legs.
- Stay Level Cutting Head for operator visibility.



Part Number	Size mm Length x Width x Height	Weight (kgs)	Specification Power x Voltage
BBC-350-240V	1200 x 580 x 1280	110.0	1.7kW x 240V



## CM 41 Compact - 2.2 kW

- Folding legs and transport wheels for easy transportation and storage.
- Built with steel frame and legs - extreme rigidity and lifetime.
- Steel water tray - strong and easy cleaning.
- Electrical water pump with slurry separator - gives dust free working conditions.
- 400mm guard for optimum cutting depth of 135mm.



Part Number	Size mm Length x Width x Height	Weight (kgs)	Specification Power x Voltage
CM 41-400-240V	1200 x 560 x 1560	70.0	2.2kW x 240V



## CS 451 - 13 HP

- Continuous depth control - quick, easy and accurate setting.
- Removable 20L water tank - easy wet cutting and dust control.
- Heavy Duty Frame - robust low vibration level.
- Adjustable handles height whatever cutting depth - ergonomic users working position
- 450mm guard for optimum cutting depth of 170mm.



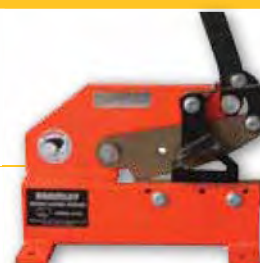
Part Number	Size mm Length x Width x Height	Weight (kgs)	Specification Power x Voltage
CS451-450-13HP	1180 x 538 x 1040	112.0	13HP Petrol

## SHEARS - HAND LEVER



## Hand Lever Shears

- Suitable for cutting sheetmetal, light Flat Bar or rod.
- Blades manufactured from high quality tool steel.



Part No.	Blade Length	Cutting Length
HS4	155 mm	125 mm
HS5	200 mm	175 mm



## SHEETMETAL FOLDERS



**BRAMLEY**

### Box & Pan Sheetmetal Folders

- With interchangeable bending fingers to suit a wide variety of box and pan sizes.
- All models are heavy duty all steel construction.

Part No.	Capacity
<b>2F</b>	610 mm x 1.2 mm (2ft x 18g)
<b>4F</b>	1220 mm x 1.6 mm (4ft x 16g)
<b>F42</b>	1220 mm x 2.0 mm (4ft x 14g)



## SHEETMETAL GUILLOTINE



### Sheetmetal Guillotine

- Manual treadle sheetmetal guillotine.
- Heavy cast iron frame and beam.
- Front sheet support with adjustable cutting gauge.
- Ruled backgauge with micro adjustment.
- Adjustable mitre gauge.

Part No.	Capacity
<b>TG412</b>	1220 mm x 1.2 mm (4ft x 18g)



## SHEETMETAL ROLLING MACHINES



**BRAMLEY**

### Sheetmetal Curving Rolls

- For forming of sheetmetal into cylinders or cones
- Solid steel and investment cast construction.

Part No.	Capacity	Operation
<b>18ROLLS</b>	0.8mm - 25mm x 450mm Rolls	Manual
<b>2X40</b>	1.2mm - 50mm x 1010mm Rolls	Manual
<b>2.5X50</b>	1.6mm - 63mm x 1270mm Rolls	Manual
<b>3X52M1</b>	1.6mm - 72mm x 1300mm Rolls	Powered - 240V motor



## STANDS - PIPE



### Pipe Stands

A full range of heavy-duty adjustable pipe stands is available in varying configurations with capacity from 3mm-900mm. Suitable for use with threading machines and roll groovers.



Part No.	Description	Pipe Capacity	Weight Capacity
<b>56662</b>	VJ-99 V Head High Pipe Stand	300mm	1134kg
<b>56672</b>	RJ-99 Roller Head High Pipe Stand	300mm	454kg
<b>56657</b>	VJ-98 V-Head Low Pipe Stand	300mm	1134kg
<b>56667</b>	RJ-98 Roller Head Low Pipe Stand	300mm	454kg

## STANDS - ROLLER



### Heavy Duty Roller Stands

- Working height 580mm to 970mm
- Load capacity up to 500kg
- Designed for use as an extra support when working with wide or long work pieces
- Strong and rigid
- Height easily adjustable with a friction locking screw



Part No.	Description	Part No.	Description
<b>62153</b>	Flat Roller Stand	<b>68153</b>	Flat Roller Head Assembly
<b>62154</b>	V Roller Stand	<b>68154</b>	V Roller Head Assembly
<b>68160</b>	HD Roller Stand Head Edge Attachment (Pair)		

## SUSPENSION ISOLATORS

**Silentbloc**

### Suspension Isolators

Medium duty load ranges from 45kg to 90kg. Heavy duty load ranges from 180kg to 270kg.

#### Typical Applications:

Medium duty isolators are ideal for the support of noise conducting systems in buildings, and for the isolation of suspended equipment in static installation. Heavy duty isolators are ideally suited to the building and construction industry.

#### Silentbloc Unique Features:

- Built in fail safe system for the heavy duty isolator
- Medium Duty contains low lateral stiffness and capacity for large conical movement
- Simple installation and low cost
- Metal parts are of pressed steel, and the flexible element is natural rubber



Part No.	Description
<b>FXBHA</b>	Suspension Isolators - Medium Duty rated at 45kg
<b>FXCHA</b>	Suspension Isolators - Medium Duty rated at 90kg
<b>FXBH</b>	Suspension Isolators - Heavy Duty rated at 180kg
<b>FXCH</b>	Suspension Isolators - Heavy Duty rated at 270kg



# MACHINERY & WORKSHOP EQUIPMENT

## THREADER - PIPE

**RIDGID**

### Manual Pipe Threader - 12R

Ratchet knob indicates forward and reverse. Die head snaps in from both sides and lock in place. Other manual Pipe Threaders available.

Part Number: 30118

**RIDGID**



### Model 700 Power Drive

Heavy duty hand held power drive. 240v universal motor with double throw reversible switch. Capacity 1/8"-2" (3-50mm) pipe, 1/4"-1" bolt with 12-R die heads. Designed for RIDGID No. 12-R die heads. Can use other RIDGID die heads with adaptors. Die heads not included.

Part Number: 69170

## THREADING MACHINES

**Asada**

### Bolt Threading Machine

Dedicated machine designed specifically for threading bolt and rod. Faster spindle speed than pipe threading machines. Rod is held in vice to allow threading of long lengths or pre-bent material. Supplied with M12 and M14-16 dies. Many other sizes and types available up to maximum capacity of 24mm.

Part No.	Capacity	Electric Motor	Spindle Speed
BTM1	8 - 24mm ( $\frac{5}{16}$ " - 1")	650W - 1 Phase (240V)	100 rpm (no load)

**Asada**

### Pipe & Bolt Threading Machines

Threading machines for most pipe and bolt (rod) applications. Non-slip impact clamping Hammer Chuck. Includes BSPT dieheads and dies, legs stand, footswitch, pipe cutter and reamer.

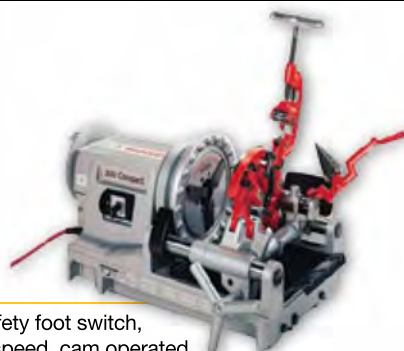
Part No.	Pipe Capacity	Dieheads	Electric Motor	Spindle Speed
B50	50mm (2") N.B.	Manual	750W - 1 Ph	40 rpm
B50-AT	50mm (2") N.B.	Auto	750W - 1 Ph	40 rpm
B80	80mm (3") N.B.	Manual	1140W - 1 Ph	33 rpm
B80-AT	80mm (3") N.B.	Auto	1140W - 1 Ph	33 rpm
B100-AT	100mm (4") N.B.	Auto	1140W - 1 Ph	48 / 18 rpm

**RIDGID**

### Threading Machine - 300 Compact

Rotary forward/off/reverse, integral safety foot switch, RIDGID speed chuck, 38rpm spindle speed, cam operated rear centring device, through the head oiling with integral oil reservoir and self priming constant flow gerotor pump. Capacity: 3-50mm (pipe).

Part Number: 58752



## V-BELTS



**REXON**  
"POWER FOR THE NEXT GENERATION"

### Premium Gold V Belts

Rexon V Belts and Cast Iron and Steel Power Transmission Components have been distributed around Australia for more than 2 years now, and successfully used in many of Australia's largest Mines, Quarries, Mills, Industrial and Manufacturing Plants and OEM's.

Rexon is a World Recognised Brand in Power Transmission. Rexon is one of the largest manufacturer's of V Belts in the World.

We carry a full range of :

- Classic V Belts (Z, A, B, C, D) up to D570
- Wedge V Belts (SPZ, SPA, SPB, SPC, 8V)
- Raw Edge Cogged Belts (in classic & wedge) up to CX180 & SPCX5000
- Banded Belts (up to Banded 8V3550 & Banded SPC9000)
- Variable Speed Belts
- Double Sided Hex Belts (AA, BB, CC)
- Special Sizes: made to order ex Rexon Factory within 22 days for air freight



## PUMPS - HYDRAULIC



HPD-05



### Nitto Selfer Hydraulic Pump

- Inching and auto function
- Twin line hydraulics for speed and efficiency
- Required to operate Selfer Ace punching heads HS06-1322, HS07-1624, HS11-1624

Model Number	Output Flow L / min		Weight
	No Load	Load	
HPD-05	1.44	0.66	32.5 kg

## PUMP - HYDRAULIC - AIR



### Z Series Air-Hydraulic Pumps

- Air is used to power this range of hydraulic pumps, with a treadle controlling advance, retract and hold functions, providing a power operated pump at a cost-effective price.

*Model ZR12107 and ZR14007 are supplied with remote pendant, to allow a wider security area.*

Product Number	Configuration	Reservoir Capacity	Max Pressure	Flow Rate at 20 bar*	Flow Rate at 700 bar*
Z12107	S	2.1 litre	700 bar	0.9 l/min	0.2 l/min
Z12107/A	S A	2.1 litre	700 bar	0.9 l/min	0.2 l/min
Z12110	S	2.1 litre	1000 bar	0.9 l/min	0.2 l/min
Z14007	S	4.0 litre	700 bar	0.9 l/min	0.2 l/min
Z17007	S	7.0 litre	700 bar	0.9 l/min	0.2 l/min
Z22107	D	2.1 litre	700 bar	0.9 l/min	0.2 l/min
Z22107/A	D A	2.1 litre	700 bar	0.9 l/min	0.2 l/min
Z24007	D	4.0 litre	700 bar	0.9 l/min	0.2 l/min
Z24007/A	D A	4.0 litre	700 bar	0.9 l/min	0.2 l/min
Z27007	D	7.0 litre	700 bar	0.9 l/min	0.2 l/min
Z27007/A	D A	7.0 litre	700 bar	0.9 l/min	0.2 l/min
ZR12107	SR	2.1 litre	700 bar	0.9 l/min	0.2 l/min
ZR14007	SR	4.0 litre	700 bar	0.9 l/min	0.2 l/min
ZR17007	SR	7.0 litre	700 bar	0.9 l/min	0.2 l/min



### Air Hydraulic Pump 10,000psi

- Light-weight corrosion-free aluminium
- Built-in overload system
- Pump / release pedal / filter

Part Number: 2054

## PUMP - HYDRAULIC - HAND



### Hand Operated Hydraulic Pumps, 700 bar output

- A range of 700 bar output hydraulic hand pumps in configurations for single acting or double acting cylinders.
- Tank sizes from 0.24 litres to 7.5 litres

*Code: D: double acting. S: single acting. SP: single acting foot treadle*

Product Number	Configuration	Reservoir Capacity Litre	Oil Flow per Stroke	
			at 20 bar cm <sup>3</sup>	at 700 bar cm <sup>3</sup>
W00307	S	0.24	2.2	2.2
W10707	S	0.66	2.6	2.6
W20707	S	0.66	8.1	2
WP01207	SP	1.2	13.2	2.2
W11207	S	1.2	2.6	2.6
W21207	S	1.2	8.1	2
W22307	S	2.4	13.2	2.2
W24307	S	4.2	16.5	2.8
W07807	S	7.5	70.5	2.6
X22307	D	2.4	13.2	2.2
X24307	D	4.2	16.5	2.8
X07807	D	7.5	70.5	2.6

## PORTA POWER KITS



### Body Repair Kit

- 10 tonne
- For use in the garage, workshop and panel beaters.
- Multi-purpose hydraulic kit
- Contents:  
10 tonne pump, hose, ram, wedge ram, 4 x extensions, extension joiner, 7 x ends to suit a variety of positions and applications

Part Number: 10370



### Porta Power Kit 10,000kg

- 14 piece incl. pump, hose and fittings
- Max. lifting height: 150mm
- Cylinder min. height: 367mm
- Nett weight: 37kg

Part Number: 2005





# AIR TOOLS & EQUIPMENT (COMPRESSORS)



## ANGLE GRINDERS



### Angle Grinder

- Pad Size - 4"
- 10,000 RPM
- 83 dBA
- 90 PSI
- Length - 138mm
- Weight - 2kg

Part Number: SM065



### 100mm (4") Angle Grinder

#### Characteristics

- 229mm long
- 100mm capacity
- 566L/min max, 509L/min av air consumption
- 12000rpm
- 1.7kg

Product Code: SP-1254



### 125mm (5") Angle Grinder

#### Characteristics

- 229mm long
- 125mm capacity
- 566L/min max, 509L/min av air consumption
- 12000rpm
- 1.7kg

Product Code: SP-1257



### 125mm Angle Grinder with Wheel - Heavy Duty

- 11,000 RPM
- Ideal for cleaning, deburring, grinding and high amounts of rust and material removal
- Equipped with a side handle for better handling during operation

Part Number: CHPL1555



### Nitto Angle Grinders

- Powerful and robust
- Compact dimensions allow easy access in confined spaces
- Double lock safety lever
- Wide variety of models available to suit most grinding applications



MLG70

Model Number	Wheel Diameter	Weight
MAG25B	58mm	0.55 kg
MAG40 Aust	100mm	1.4 kg
MAG50	125mm	2.2 kg
MLG70	180mm	3.4 kg

## BELT SANDERS



### Nitto Belt Sanders

- Adjustable 360° rotation
- Rear exhaust system
- Tracking of belts is positive and easy to adjust
- Double safety lock lever



B10N

Model Number	Belt Size	Weight
B10N	10 x 330mm	0.9 kg
B20N	20 x 520mm	1.4 kg
B30N	30 x 540mm	2.9 kg

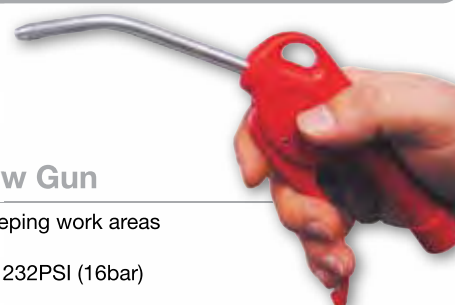
## BLOW GUNS



### 8mm Bent Pipe Blow Gun

- Ideal for general use and keeping work areas clean and tidy
- Maximum working pressure 232PSI (16bar)

Part Number: 124140101







### Extra Long Air Blow Guns

- Cleans places which are difficult to access

Part Number	Size
124140112	300mm
124140113	500mm
124140114	1000mm
124140183	1500mm
124140184	2000mm



### Blow Gun

- 85mm nozzle, adjustable 360°
- Pistol grip
- 1/4" BSP Female
- Interchangeable nozzle

Part Number: 07.0770



### Blow Gun

- Ideal for the safety conscious work shop. The safety nozzle fitted to the end of the blow gun reduces the noise level to between 77-84db and protects skin penetration by reducing air flow when depressed.

Part Number: 07.0780



### Blow Gun

- 450mm angle tip
- Pistol grip
- 1/4" BSP Female
- Interchangeable nozzle

Part Number: 07.0774



### Air Blow Guns

- Modern styling, high impact plastic body, built-in hanger slot

Part Number	Angle Nozzle	Thread Size	Working pressure
301005	100mm	1/4" NPT	520-830 kPa (75-120 PSI)
301679	100mm	1/4" NPT	520-830 kPa (75-120 PSI)
301680	330mm	1/4" NPT	520-830 kPa (75-120 PSI)



### Air Dusters

Part Number	Description	Size
SG1072	Air Duster	130mm
SG1072L	Air Duster, Longnose	305mm
SG1072XL	Air Duster, Extra Longnose	500mm

## CHIPPING HAMMER



### Nitto Chipping Hammer

- High strength piston allows trouble-free operation
- Straight design is suitable for narrow and deep applications
- Chisel lock retains chisel securely
- Straight, curved flat and flat chisels available

Model Number	Chisel Shank	Weight
CH24	12.7mm square	1.7 kg



## COMPRESSORS - AIR DRYERS



### 25SCFM Air Dryer

#### Characteristics

- 700L/min max air flow

Product Code: LD05SHA



### 47SCFM Air Dryer

#### Characteristics

- 1350L/min max air flow

Product Code: LD10SHA



### 61SCFM Air Dryer

#### Characteristics

- 1800L/min max air flow

Product Code: LD15SHA



### 95SCFM Air Dryer

#### Characteristics

- 2800L/min max air flow

Product Code: LD20SHA



### 283SCFM Air Dryer

#### Characteristics

- 6750L/min max air flow

Product Code: LD50SHA





# AIR TOOLS & EQUIPMENT (COMPRESSORS)

## COMPRESSORS - DIESEL



**AIRMAN®**

### Trailer Diesel Compressor

- Locally manufactured trailers fully comply with Australia standards
- Shibaura Diesel Engine: 4 Cylinder, water cooled, pre-chamber type
- Dimensions (mm): 2680(l) x 1450(w) x 1395(h) and dry 790kg
- Airend warranty: 7 years (10,000hrs)
- Approved Vessel Pressure Certificate
- Capacity: 100cfm
- Working Pressure: 100psi
- Whisper quiet operation: 64dba

**Part Number: PDS100S-6B1-T**



**AIRMAN®**

### Portable Diesel Compressor

- Popular among Mining Contractors and Maintenance Teams
- Compact design mounts easily on vehicles
- Capacity: 75cfm
- Working pressure: 100psi
- Shibaura Diesel Engine: 4 Cylinder, water cooled, direct injection
- Whisper quiet operation: 64dba
- Dimensions (mm): 1580(l) x 750(w) x 865(h) and dry 425kg

**Part Number: PDS75S-5C1**

## COMPRESSORS - PORTABLE



### Electric Compressor

- Displacement 11.1 (314l/min)
- Free Air Delivery 7.7cfm (217l/min)
- Pressure: 125psi
- Tank: 50 litres
- Performance based on ACACA protocol
- High efficient Cast Iron Pump
- Slow revving & cool running
- High quality combined filter/regulator
- Weight: 71kg

**Part Number: EL12**



### Electric 15amp Compressor

- Displacement 14.3cfm (406l/min)
- Free Air Delivery 9.9cfm (280l/min)
- Pressure: 125psi
- Tank: 50 litres
- High efficient Cast Iron Pump
- Slow revving and cool running
- High quality combined filter/regulator
- Weight: 73kg

**Part Number: EL17**



### Petrol Driven Compressor

- Displacement 14.8cfm (419l/min)
- Free Air Delivery 10.5cfm (296l/min)
- Pressure: 125psi
- Tank: 50 litres
- Performance based on ACACA protocol
- Honda GX160 Motor
- High efficient Cast Iron Pump
- Slow revving and cool running
- High quality combined filter/regulator
- Weight: 75kg

**Part Number: EL18P**



### 7.5kW Type 30 Compressor

- T30 Cast-Iron pump
- Star Delta starter
- Slow revving and cool running
- Inter-stage cooling
- Reliable industrial motors
- Large 230 litre storage capacity
- Displacement: 40.5cfm
- Free air delivery: 34.2cfm
- Pressure set at 125psig
- Speed: 1020rpm
- Weight: 374kg

**Part Number: 2545C10/8-SD**







### Nailer Compressor

- 3.8 Litre 1/2 hp Induction motor
- 10 amp plug, only 83 dB.
- High pressure -125 psi (8.6 bar)
- Only 10kg
- Ideal for brad and fixing nailers

Product Code	HP	Tank	Max Pressure
CHWX1001	0.5	3.8lt	8.6 Bar



### Nailer Compressor

- This range of super light weight, high pressure compressors have been designed specifically for use with nail guns.
- Feature easy to read gauges, indexing regulator, aluminium tanks and are very quiet
- 8017 will run 1 framer continuously, 8019 will run 2 framers continuously
- Ideal for builders and carpenters

Product Code	HP	Tank	Max Pressure
CHWX801700DI	1.1	9.5lt	9.3 Bar
CHX8019	1.8	15lt	10.3 Bar



### Belt Drive Compressor

- Integrated control panel to guarantee easy reading - more ergonomic control and hose reel with 5mtr hose.
- Oversized wheels for better stability and transportation
- Twin front supports
- Manufactured to Australian standards
- High pressure - up to 10 bar
- Cast iron cylinders for longer life

Product Code	HP	Tank	FAD
NRB2800/50/2.5	2.5	50lt	175
NRB3800/50/3	3	50lt	270



### Belt Drive Compressor

- Integrated control panel to guarantee easy reading - more ergonomic control and hose reel with 5mtr hose.
- Oversized wheels for better stability and transportation
- Double swivel wheels
- High pressure - up to 10 bar
- Cast iron cylinders for longer life
- Manufactured to Australian standards

Product Code	HP	Tank	FAD
NRB2800/100/2.5	2.5	100lt	175
NRB3800/100/3	3	100lt	270



### Compact Stallion 300 Compressor

- Free Air Delivery at 100PSI: 175LPM
- 2.5HP Single phase -10 amp motor
- 50 litre air receiver tank
- Warranty: 1 year total unit

Part Number: 00083



### Compact 5000 Electric Belt Drive Compressor

- Free Air Delivery at 100PSI: 235LPM
- 2.5HP Single phase motor
- 40 litre air receiver tank
- Pump RPM: 1160
- Warranty: 3 year pump, 1 year motor

Part Number: 00334



### SI 14 Electric Belt Drive Compressor

- Free Air Delivery at 100PSI: 240LPM
- 2.75HP Single phase motor
- 55 litre air receiver tank
- Warranty: 5 year pump, 1 year motor

Part Number: SI14



### SI 17 Electric Belt Drive Compressor

- Free Air Delivery at 100PSI: 300LPM
- 3.2HP Single phase motor
- 55 litre air receiver tank
- Pump RPM: 930
- Warranty: 5 year pump, 1 year motor

Part Number: SI17W



### SI 19 Petrol Compressor

- Free Air Delivery at 100PSI: 370LPM
- 6.5HP Honda Motor
- 68 litre air receiver tank
- Pump RPM: 980
- Warranty: 5 year pump, 3 year Honda

Part Number: SI19P





# AIR TOOLS & EQUIPMENT (COMPRESSORS)



## SI 15 High Pressure Fatboy Compressor

- Free Air Delivery at 150PSI: 300LPM
- 3HP Single phase motor
- 55 litre air receiver tank
- Pump RPM: 1132
- Warranty: 5 year pump, 1 year motor

Part Number: SI5HPFB



## Direct Drive Compressor

- Regulator with twin outlet
- Cast iron cylinders for longer life
- Manufactured to Australian standards

Product Code	HP	Tank	FAD
RAC2/24	2	24ltr	115
RAC2.5/36	2.5	36ltr	134



## V Twin Belt Drive Compressor

- Max Pressure - 8 bar
- Regulator with twin outlet
- Cast iron cylinders for longer life
- Manufactured to Australian standards

Product Code	HP	Tank	FAD
RAV2051/50/2.5	2.5	50lt	162
RAV2065/50/3	3	50lt	220



## V-Twin Direct Drive Compressor

- High efficiency pumps constructed of aluminium for optimum heat dissipation with a cast iron cylinder barrel for longer life.
- Fitted to Australian Standard wheel mounted air receivers, motors are overload protected.
- Units are manufactured to the highest standard, individually tested and have a full 12 month warranty

Product Code	HP	Tank	FAD
RAV2.75/36	2.75	36ltr	205
RAV2.75/50	2.75	50ltr	205



## V Twin Belt Drive Compressor

- Max Pressure - 8 bar
- Regulator with twin outlet
- Cast iron cylinders for longer life
- Manufactured to Australian standards

Product Code	HP	Tank	FAD
RAV2051/100/2.5	2.5	100lt	162
RAV2065/100/3	3	100lt	220



## 2.5hp Cast Iron V-Twin

- Characteristics
- 150psi
  - Filter/regular
  - 50lt tank
  - Fad 200L/min

Product Code: XRV14

## 3hp Cast Iron V-Twin

- Characteristics
- 150psi
  - Filter/regular
  - 50lt tank
  - Fad 251L/min

Product Code: XRV17



## 3hp Twin Cast Iron Belt Drive Portable Air Compressor

- Characteristics
- Belt drive
  - 251L/min FAD
  - 150psi
  - 100lt tank
  - 240Volts/10amp
  - Filter regular

Product Code: XRV1700



## 2.2hp Alloy Belt Drive Portable Compressor

- Characteristics
- 150psi
  - 50lt tank
  - Filter/regular
  - Fad 169L/min

Product Code: XRS1350

## 3hp Alloy Belt Drive Portable Compressor

- Characteristics
- 150psi
  - 50lt tank
  - Filter/regular
  - Fad 251L/min

Product Code: XRS1750





## SCORPION

### 3hp Triple Cast Iron Portable Air Compressor

#### Characteristics

- 150psi
- Filter/regulator
- 60lt tank
- 15amp/240volt
- FAD 282L/min

Product Code: XRS18



## SCORPION



### 6.5hp Portable Air Compressor

#### Characteristics

- 6.5hp Austech engine
- Belt drive
- 150psi
- 60lt tank
- OHV/4 stroke
- Twin cylinders
- 376L/min FAD
- Filter/regulator

Product Code: XRV1760P



## COMPRESSORS - SCREW TYPE



Product Code	Description
BSC10270L	10hp Finis Screw Compressor
BSC15270L	15hp Finis Screw Compressor
BSC20270L	20hp Finis Screw Compressor
PLUS30	30hp Finis Screw Compressor
MCi40	40hp Finis Screw Compressor
MCi50	50hp Finis Screw Compressor

## COMPRESSORS - STATIONARY

## SCORPION

### 5.5hp 200lt Tank

#### Characteristics

- Belt drive v-twin
- 152psi
- 10amp/415volt
- Disp 627L/min
- FAD 482L/min

Product Code: XRS25



### 7.5hp 270lt Tank

#### Characteristics

- Belt drive triple
- 152psi
- 15amp/415volt
- Disp 1076L/min
- FAD 704L/min

Product Code: XRS35

### 10hp 270lt Tank

#### Characteristics

- Belt drive triple
- 152psi
- 18amp/415v
- Disp 1464L/min
- FAD 1085L/min

Product Code: XRS50



### SI 25 Three Phase Industrial Compressor

- Free Air Delivery at 100PSI: 545LPM
- 5.5HP Motor
- 110 litre air receiver tank
- Pump RPM: 1154
- Warranty: 3 year pump, 1 year motor

Part Number: SI25



### SI 52 Three Phase Industrial Compressor

- Free Air Delivery at 150PSI: 990LPM
- 10HP motor
- 190 litre air receiver tank
- Pump RPM: 1020
- Warranty: 1 year total unit

Part Number: SI52



### SI 35 Petrol Compressor

- Free Air Delivery at 150PSI: 720LPM
- 13HP Honda Motor
- 150 litre air receiver tank
- Pump RPM: 790
- Warranty: 1 year pump, 3 year Honda

Part Number: SI35P



## CUT OFF TOOLS



### Cut Off Tool - Heavy Duty

- At 23,000 RPMs, provides the speed and power to cut steel quickly
- Built-in power regulator to control speed in detail cutting
- Equipped with guards and safety catches to prevent injury
- Soft Stantoprene Elastomer grip for increase comfort

Part Number: CHPL2535

## CUTTERS - BOLT PNEUMATIC

## H.K.Porter®

### Pneumatic Cutter Centre

- Centre cut jaws
- Heavy-duty workhead has 5" bore (127mm) and 3" stroke (76mm)
- Cutting controlled by manual pressure

Material Number: 9290C





# AIR TOOLS & EQUIPMENT (COMPRESSORS)

## DIE GRINDERS



### Angle Die Grinder

- 18,000 RPM
- Great for high speed grinding, porting, gasket removing, general polishing and deburring in confined areas
- Standard 1/8" and 1/4" collets for all types of accessories

Part Number: CHPL1541



### Angle Die Grinder - Heavy Duty

- 25,000 RPM
- Great for high speed grinding, porting, general purpose polishing and deburring
- Twice the power of a standard die grinder, prevents stalling during heavy jobs

Part Number: CHPL2521



### 1/4" Angle Die Grinder

- 1/4" Collet
- Powerful 1/3 hp motor
- Ball bearing constructions
- Weight: 0.53kg

Part Number: 3102



### 1/4" Straight Die Grinder

- 1/4" Collet
- Powerful 1/3 hp motor
- Length: 171 mm
- Ave Air Cons: 3 cfm

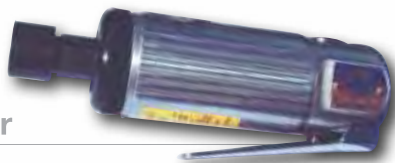
Part Number: 3108



### 1/4" Straight Die Grinder

- Characteristics**
- 145mm long
  - 23000rpm
  - 6.35mm capacity
  - 0.54kg
  - 603L/min max, 422L/min av air consumption

Product Code: SP-1210



### 1/4" Air Die Grinder

- With safety lever
- Free speed : 27,000 rpm

Part Number: E2002



### 1/4" Die Grinder

- Collet Size - 6mm
- 22,000 RPM
- 93 dBA
- Length - 169mm
- Weight - 0.5kg

Part Number: SM512



### Nitto Die Grinders

- L25 designed for use with grinding stones
- L-35 specifically designed for use with rotary burs
- Both equipped with a super efficient silenced rear exhaust system
- Both featuring in-built speed regulator

Model Number	Collet Size	Speed	Weight
L25 1/4	1/4"	27,000 rpm	0.6 kg
L25 6mm	6mm	27,000 rpm	0.6 kg
L35 1/4	1/4"	37,500 rpm	0.45 kg
L35 6mm	6mm	37,500 rpm	0.45 kg



## DIGGER



### General Purpose Digger 10.4kg

- Suitable for horizontal or vertical use
- Weight: 10.4kg
- Air Inlet: 3/8"
- Chisel Type: 7/8" x 3 1/4" Hex
- Latch type chisel release
- Air Consumption: 45cfm
- Blows/min: 2,350
- Muffler included

Part Number: 93LA1M-EU



## DISC GRINDER



### 5" Governed Disc Grinder

- Polymer outer casing
- Safety lever
- Disc size: 5"
- Spindle size: M14 x 2
- Free speed : 12,000 rpm

Part Number: E2515LA



### 5" Disc Grinder

- 5" Disc Grinder
- 12,000 rpm
- Length: 229mm
- Ave Air Cons: 6 cfm 170 lpm
- Powerful 1.0 hp motor
- Weight: 1.85kg
- 3/8" - 24 Arbor

Part Number: LA422-EU



## DISC GRINDER KIT



### Die Grinder Kit

- Kit comes with:
- 1 x 301 Right Angle Die Grinder
  - 1 x 2" and 1 x 3" Backing Pad Roloc Style
  - 4 x 2" and 4 x 3" Surface Prep Discs
  - 1 x Case

Part Number: 301-32MK





## DRILLS



### 10mm Air Drill - Keyless Chuck

- Keyless Jacobs® chuck for fast and easy bit changes
- Reversible to assist when binding occurs and for replacing screws.

Part Number: CHPL2545



### 10mm Angle Air Drill - Medium Duty

- Used to drill hone, ream, holesaw and wirebrush most metal or wood materials
- Durable Jacobs® chuck for reliable bit
- Replacement angle head for ease of use

Part Number: CHPL1544



### Air Drills

- New generation reversible industrial drills
- Low vibration with comfort grip
- Inbuilt speed regulator
- Low noise
- ADR-65, ADR-100 Reversible
- KDR-1301 Non-Reversible

ADR65



Model Number	Speed	Max. Drilling Capacity	Weight
ADR-65	2,900 rpm	6.5mm	0.8 kg
ADR-100	2,000 rpm	10mm	1.1 kg
KDR-1301	700 rpm	13mm	2.5 kg



### 3/8" Industrial Air Drill Reversible

#### Characteristics

- 195mm long
- 9.5mm capacity
- 546L/min max, 382L/min av air consumption
- Forward/reverse
- 2200rpm
- 1.2kg

Product Code: SP-1525



### 1/2" Industrial Air Drill Reversible

#### Characteristics

- 220mm long
- 12.7mm capacity
- 546L/min max, 382L/min av air consumption
- Forward/reverse
- 500rpm
- 1.58kg

Product Code: SP-1527



### 10mm Reversible Air Drill - Heavy Duty

- Jacobs® chuck for reliable bit replacement
- Reversible to assist when binding occurs

Part Number: CHPL1545



### 13mm Reversible Air Drill - Heavy Duty

- 13mm Jacobs® chuck for reliable bit replacement
- Reversible to assist when binding occurs and for replacing screws

Part Number: CHPL1546



### 3/8" 90° Rev. Drill

- 1,500 RPM
- Spindle thread - 3/8" - 24
- 90 dBA
- Length - 175mm
- Weight - 1.8kg

Part Number: SM709R



### 3/8" Reversible Drill

- 1,800 RPM
- 85 dBA
- Weight - 1.4kg
- Spindle thread - 3/8" - 24
- Length - 163mm

Part Number: SM705



### 1/2" Reversible Drill

- 800 RPM
- 89 dBA
- Weight - 1.8kg
- Spindle thread - 3/8" - 24
- Length - 175mm

Part Number: SM704



### Reversible Drill Keyless Chuck

- 1/2" (13 mm) keyless chuck
- 400 rpm
- 0.5 hp motor
- Length: 221mm, Weight: 1.5kg
- Ave Air Con: 4 cfm 113 lpm

Part Number: 7803RAKC



# AIR TOOLS & EQUIPMENT (COMPRESSORS)

## GAS ACTUATED PRODUCTS



### Fasteners - Forced Entry Powder and Gas

Fasteners - Forced Entry Powder and Gas actuated drive pin systems for Concrete, Masonry and Steel. 27 calibre powder explosive tools. Gas fuel cell functioning tools for most trades with consumable concrete pins and trade specific fastening solutions.



### Trak-It® C4Ex Gas Fastening System

Whether the application is Wood to Steel or Concrete with a powerful 153 Joules behind it the Powers Trak-It® C4EX can fire nails up to 65mm long making it the perfect tool for fixing timber bottom plates up to 45mm thick to concrete slabs. Trak-It® C4EX is ideal for any application that demands tool portability.

**Builders and Carpenters:** 45 and 35mm timber bottom plate to concrete FAST  
**Builders, Carpenters, Joiners, Framers, etc:** timber to steel FAST  
**Metal studs to concrete** FAST

**Form Workers:** plywood to concrete, block or steel FAST

- Fires nails up to 65mm with new proprietary coating for increased penetration
- 18% more power
- No airline or compressors required
- Suitable for concrete up to 35 MPa
- Portable, reliable and versatile
- 2 batteries included

**Product Code: 55112**

## HAMMERS



### Air Hammer

- Chisel shank: 0.401" dia
- Blows/min: 2,600
- Stroke length: 10mm
- Includes 4 chisels

**Part Number: E4120**



### Air Hammer

- 2-5/8" (67mm) stroke provides the power for panel cutting and other needs.
- Cuts, chips and scrapes most materials and is used for medium duty automotive exhaust removal, front-end and masonry.

**Part Number: CHPL1534**



## NAIL GUNS

STANLEY

**BOSTITCH**



### 32-64mm, Industrial, 15° Angled Coil Nailer

Accepts both plastic and wire collated 15° angle coil nails. Lightweight magnesium assembly. Tool-free depth of drive adjustment. 500 inch/lbs driving power

**Part Number: N66C-1**



STANLEY

**BOSTITCH**



### 38-75mm, Industrial, 15° Angled Coil Nailer

Accepts both plastic and wire collated 15° angle coil nails. Lightweight magnesium assembly. Tool-free depth of drive adjustment 630 inch/lbs driving power

**Part Number: N75C-1**



STANLEY

**BOSTITCH**



### 2-65mm, 15GA Angled Finishing Nailer Kit

15GA oil-free finishing nailer. Tool-free removable magazine. Adjustable depth control. Tool weighs just 1.72kg. Driving power: 400 inch/lbs. Kit includes: Finishing nailer, 1,000-50mm nails, carry case, hex wrenches and 4 profile tips

**Part Number: N62FNK-2**







## BOSTITCH

### 50-90mm, 28° Angled Framing Nailer

Accepts both paper and wire collated 28° framing nails. 1,050 inch/lbs driving power. Industry's most powerful framer! Fastener length 50-90mm. Lightweight magnesium body – weighs just 3.5kg. Patented push-button depth of drive adjustment. Adjustable rafter hook

Part Number: F28WW



## BOSTITCH

### 50-90mm, 33° Angled Framing Nailer

Accepts both paper and wire collated 33° framing nails. 1,050 inch/lbs driving power. Industry's most powerful framer! Fastener length 50mm-90mm. Lightweight magnesium body – weighs just 3.6kg. Patented push-button depth of drive adjustment. Adjustable rafter hook

Part Number: F33PT



## BOSTITCH

### N400C-1 - 57-100mm, High Power, Industrial Nailer

1,450 inch/lbs driving power. Fastener length: 57-100mm (15° angle wire collated coil nails). Fastener diameter: 2.50-3.80mm Aluminium housing. Steel wear guards. Fixed front exhaust. Secondary handle and Protective shroud

Part Number: N400C-1



## BOSTITCH

### 18 Gauge Brad Nailer

Oil-free operation requires no regular maintenance. Low nail lockout prevents dry firing. Reversible belt hook. Selectable trigger system converts from sequential to contact operation. Kit Includes: Brad Nailer, 1/4" Swivel Air Fitting, 1000 2" Brads, Carrying Case, Hex Wrench and Belt Hook

Part Number: BT1855K



## BOSTITCH

### Mini Impact Nailer

Rubber grip designed to insulate and reduce vibration. Weighs only 0.45kg. 360° swivel air fitting for maximum accessibility. Front exhaust directs air away from users palm

Part Number: PN50



## Ross Brad Nail Gun 15-50mm

- Lightweight alloy body with comfort grip
- High quality nail magazine
- Quick release system for jammed nails
- Non marring, adjustable tip to protect work-piece
- Switch between single and rapid bump fire

Part Number: RAN50



## Ross Stapler/Brad Nailer 15-50mm Nails 16-40mm Staples

- Lightweight alloy body with comfort grip
- High quality nail magazine
- Quick release system for jammed nails
- Non marring, adjustable tip to protect work-piece
- Switch between single and rapid bump fire

Part Number: RAN5040



## Ross Coil Nailer 25-65mm

- Lightweight alloy body with comfort grip for comfort and control gives a superb power to weight ratio
- Coil style magazine holds up to 300 collated nails
- Quick release system for jammed nails
- Adjustable depth control allows you to drive nails in to the hardest of timbers
- Switch between single and rapid bump fire

Part Number: RANCN65



## Ross Angled Finishing Nailer 32-64mm

- Lightweight alloy body with comfort grip
- Strong and lightweight magazine holds 100 nails
- Quick release system for jammed nails
- Adjustable depth control allows you to drive nails in to the hardest of timbers

Part Number: RANDA64



## Ross Framing Nailer 50-90mm

- A well balanced nail gun with 34 degree angled magazine allows you to access all areas for fast completion of framing and other construction jobs.
- High quality extruded aluminium magazine with smooth open/close mechanism for quick reloading of clipped head nails
- Adjustable depth control allows you to drive nails in to the hardest of timbers
- Switch between single and rapid bump

Part Number: RAN9034



**NAILS AVAILABLE FOR  
VARIOUS NAILERS**



# AIR TOOLS & EQUIPMENT (COMPRESSORS)

## NEEDLE SCALER



### Nitto Needle Scalers

JEX28

- Nitto Jet Chisels are the only unit of its kind without internal springs
- Powered by a piston which produces no irregular power
- Adjusts automatically to any surface contour

Model Number	Standard Needle Size	Body Type
JT20	3mm (2mm optional)	Straight, Popular
JEX20	3mm (2mm optional)	Straight, Anti-Vibration
JEX24	3mm (2mm optional)	Pistol, Universal
JEX28	3mm, 4mm (2mm optional)	Pistol, Heavy Duty



### Needle Scaler

- 4600 bpm
- 19 needles (3.2 mm)
- Length 465mm
- Weight 2.8kg
- Avg Air Consumption: 8 cfm 226 lpm

Part Number: 125



## NIBBLER



### Air Nibbler - Medium Duty

- 3,800 strokes per minute, provides the cutting powder to cut up to 1.5mm steel
- Cuts intricate patterns in sheet metal and aluminium without leaving burrs.

Part Number: CHPL1519

## RECIPROCATING SAWS



### Reciprocating Saw - Medium Duty

- 10,000 strokes/minute provides the cutting power to cut up to 1.5mm steel
- Cuts plastic, aluminium, fibreglass and sheet metal

Part Number: CHPL1540

## REGULATOR - AIR



### Filter Regulator

- Polycarbonate bowl with Metal bowl guard
- 1/4" BSP Inlet/Outlet
- Maximum working pressure 150 psig
- Automatic water drain
- Mounting bracket
- Jamec Pem branded Pressure gauge
- Robust Metal construction

Part Number: 06.2426



### Filter Regulator

- Polycarbonate bowl with Metal bowl guard
- 1/2" BSP Inlet/Outlet
- Max. working pressure 150 psig
- Automatic water drain
- Mounting bracket
- Robust Metal construction

Part Number: 06.2432



## RIVETERS



### Air Powered Rivet Gun - Medium Duty

- 2,000lbs of pull
- Sets rivets up to 4.8mm in diameter

Part Number: CHPL1539



### Pneumatic Riveting Tool Heavy Duty Industrial

- 15mm stroke
- 1200lbs pulling power
- Sets 6.4mm rivets Complete in
- Sturdy Zip Pouch with Carry handle

Part Number: FHFFS64



### Air Riveter

- Stroke length - 9/16"
- Blind rivet capacity - 3/16"
- 90 PSI
- Length - 156mm
- 76 dBA
- Weight - 2kg

Part Number: SG0810



## SANDERS



### 178mm Air Sander - Medium Duty

- 4500 RPMs designed to smooth welds, remove rust and remove body filler
- Built in regulator
- Requires a 2 stage air compressor
- Planetary gearing balances load on bearings and gears for greater power
- 15.1 SCFM average air consumption at 90PSI

Part Number: CHPL1551





### 6" High Speed Sander

- 6" High Speed
- 3/16" Orbit
- Ultra Duty
- 12,000rpm
- Vacuum ready
- Weight: 0.87kg
- Ave Air Cons: 8 cfm 226 lpm
- Dust is channelled away from work, swirl free finish.

Part Number: 4151/4151-HL



### Dual Action Sander - 10,000rpm - Heavy Duty

- 10,000 RPMs
- Designed for sanding wood, metal, fibreglass and autobody fillers

Part Number: CHPL1504



### Air Palm Sander

- Pad size - 6"
- 11,000 RPM
- 76 dBA
- Spindle thread - 5/16" - 24
- Length - 163mm
- Weight - 0.8kg

Part Number: SM095



## SAW



SSW-110



### Nitto Super Saw

- Cutting capacity 3mm in mild steel
- Low vibration and longer piston stroke improves cutting speed
- Rear exhaust system for chip-scattering free operation

Model Number	Stroke Speed	Stroke	Weight
SSW-110	7,000 rpm	11mm	0.6 kg

## SCREWDRIVERS



### Air Screwdriver

- Torque - 10-90 in Lb
- 1,800 RPM
- Length - 196mm
- Hex drive capacity - 1/4"
- 83 dBA
- Weight - 1.3kg

Part Number: SM120



### Quick Change Screwdriver - Medium Duty

- At 10,500 RPMs and 120lbs of Torque, provides the power necessary to remove tight screws easily.
- Ideal for small fastening work in electronic products
- Computer assembly and automotive application
- Quick change chuck uses 1/4" Hex bits

Part Number: CHSA1575



## TYRE GAUGES



### Digital Tyre Gauge

- Aluminium body with oil resistant rubber casing
- 5psi to 150psi measuring range
- Two position lever for inflation and deflation
- Display powered by two CR2032 Lithium batteries
- Battery life of 140 hours
- 1/4" BSP(f) inlet
- Can measure pressures in kpa, psi, kg/cm<sup>2</sup> and bar
- Accurate to  $\pm 1\%$
- Can be turned on and off as required

Part Number: 51114



### Tyre Gauge

- Dual scale gauge
- Dual hold-on chuck lever
- Precision die cast body
- Certificate of calibration

Part Number: 10.2000



## TYRE INFLATOR



### Tyre Inflator

- Straight clip on chuck
- 50mm dial gauge with rubber impact protector

Part Number: 02.0135



## UTILITY KIT



### Utility Driver Kit

- Used extensively in the panel beating industry.
- Includes:**
  - Utility in-line driver
  - Adaptor for rubber eraser or brush
  - Adaptor for double black wheels
  - Adaptor for single black wheel
  - Water based paint rubber eraser
  - Rubber eraser
  - 6 x black strip wheels



Part Number	Description
SM135	12 Piece Air Utility In-Line Driver Kit, 3,500 RPM, 83 dBA
SM135RH	Adaptor for Rubber Eraser or Brush
SM135RW	Rubber Eraser
SM135BW	6 Piece Black Strip Wheels
SM135WW723	Wire Brushes, 23mm Coarse
SM135WW523	Wire Brushes, 23mm Fine



# AIR TOOLS & EQUIPMENT (COMPRESSORS)

## WRENCHES - IMPACT



### 1/2" Air Impact Wrench

- Twin hammer mechanism
- High torque and powerful
- Bolt capacity: 5/8" (16mm)
- Maximum torque: 1,000 ft-lb (1350Nm)
- Free speed: 10,000 rpm
- Air inlet: 1/4"
- Maximum air pressure: 90psi

**Part Number: 61114**



### 1/2" Dr Twin Hammer Impact Wrench - Heavy Duty

- At 380ft. lb of torque power for stubborn bolts.
- Built-in power regulator to control speed and torque

**Part Number: CHPL1502**



### 1/2" Dr Impact Wrench - Heavy Duty

- 450ft lbs 1/2" impact wrench
- Designed for tyre shop, suspension, chassis and other heavy duty automobile applications

**Part Number: CHPL2502**



### 1/2" Square Drive Impact Wrench

- Composite body
- Reversible
- Max Torque: 627 ft.lbs / 850Nm
- Working Torque: 0-457 ft.lbs

**Part Number: E1490**



### 1/2" Impact Wrench 450ft-lb

- Max Torque: 450 ft-lb (rev)
- Pressure Feed lubrication
- Adjustable power regulator
- Weight 2.63kg
- Av. Air Consumption 4.2cfm
- Handle exhaust
- 2" extended anvil avail. 131S-2-EA
- Also available in a kit, 131S-EA-Kit

**Part Number: 131S-EA & 131S-2-EA**



### 1/2" Impact Wrench 600ft-lb

- 1/2" Drive
- Max Torque: 550 ft-lb
- Adjustable Dial Power
- 2" extended anvil model avail, 2130AP-2
- Handle exhaust
- Lightweight Composite Body 1.90kg
- Av. Air Consumption 4.4cfm
- Also available in a kit

**Part Number: 2130AP & 2130AP-2**



### 1/2" Impact Wrench 780ft-lb

- Ultimate 1/2" Drive
- Max Torque: 780 ft-lb
- Adjustable Dial Power
- 2135Ti-2MAX 2" Anvil
- Handle exhaust
- Lightweight Composite Body 1.79kg
- Av. Air Consumption 5cfm
- 2135QTiMax Quiet Tool Technology
- Also available in a kit, 2135TiMax-Kit

**Part Number: 2135TiMax**



### 1/2" DR Impact Wrench

- Ultimate torque - 600ft lb
- Working torque range - 50 - 460 ft lb
- 7,000 RPM
- Length - 204mm
- 88 dBA
- Weight - 2.2kg

**Part Number: SM030**



### 1/2" Impact Gun Twin Dog Hammer

#### Characteristics

- 185mm long
- 16mm capacity
- 870L/min max, 261L/min av air consumption
- 2.58kg
- 600ft/lbs max torque

**Product Code: SP-1140EX**



### 1/2" Impact Gun Twin Pin Hammer

#### Characteristics

- 190mm long
- 16mm capacity
- 808L/min max, 242L/min av air consumption
- 2.5kg
- 425ft/lbs max torque

**Product Code: SP-1145A**







### 'Spark Proof' 1/2" Impact Wrench 600ft-lb

- Fully Certified to ATEX Directives
- 1/2" Square drive Impact wrench
- Max Torque 600ft-lb reverse
- High output Twin Hammer
- Av. Air Consumption 4.8cfm
- Pressure-feed lubrication system
- Reverse biased motor cylinder
- One hand operation forward/reverse
- 360 degree swivel inlet
- In-handle exhaust

Part Number: 2131PSP



### 1" Pistol Grip Impact Wrench 1200ft-lb

- 1" Drive
- Max Torque: 1200ft-lb
- Weighs just 3.4 kg
- Handle exhaust
- Only 208 mm long

Part Number: 2150



### 1" DR Impact Wrench

- Torque - 1,200ft lb
- Bolt capacity - 1-1/4"
- Length - 355mm
- 4,000 RPM
- 82 dBA
- Weight - 10.2kg

Part Number: SG0708S



### 3/4" Impact Wrench 1200ft-lb

- 3/4" Drive
- Max Torque: 1200 ft-lb
- Weighs just 3.2 kg
- Lightweight Composite Body 3.2kg
- Only 208 mm long
- Handle exhaust
- Av. Air Consumption 9.5cfm
- 2141S 'New Silenced Mode'
- Also available in a kit, 2141-Kit

Part Number: 2141



### 1" Impact Gun Jumbo Hammer

- Characteristics**
- 250mm long
  - 38mm capacity
  - 1130L/min max, 339L/min av air consumption
  - 9kg
  - 1800ft/lbs max torque

Product Code: SP-1190P



### 3/4" DR Impact Wrench

- Torque - 950ft lb
- Bolt capacity - 1-1/16"
- Length - 235mm
- 4,000 RPM
- 90.8 dBA
- Weight - 5.6kg

Part Number: SG0756



### D-Handle Impact Wrench 1450ft-lb

- 1" Drive
- Max Torque: 1,450ft-lb
- Side handle
- 4 Position power regulator
- Angled down exhaust
- 360 degree swivel inlet
- 6" extended anvil model avail 285B-6

Part Number: 285B & 285B-6



### 3/4" Impact Gun Twin Pin Hammer

- Characteristics**
- 280mm long
  - 25mm capacity
  - 971L/min max, 291L/min av air consumption
  - 5.4kg
  - 950ft/lbs max torque

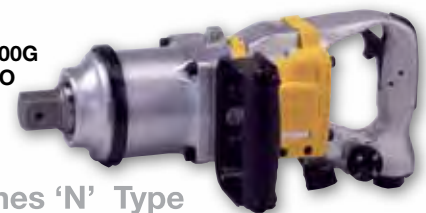
Product Code: SP-1156TR



### Kuken Impact Wrenches 'N' Type

- Ideal for heavy industrial and mining applications
- Ergonomic design, low vibration and low noise
- Innovative no hammer clutch system
- Excellent power, compactness, light in weight with very low air consumption
- Shift on action ensure less damage to bolts and nuts

KT3800G PRO



### 3/4" Impact Gun Jumbo Hammer

- Characteristics**
- 220mm long
  - 25mm capacity
  - 1080L/min max, 324L/min av air consumption
  - 5.5kg
  - 1100ft/lbs max torque

Product Code: SP-1158



Model Number	Square Drive	Handle Type	Bolt Capacity	Max Torque		Speed (rpm)	Weight
				Nm	ft/lbs		
KT1600S PRO	1/2"	Pistol	16mm	490	360	8,000	1.46 kg
KT2500P PRO	3/4"	Pistol	25mm	1150	880	4,500	4.2 kg
KT2800PA	3/4"	Pistol	28mm	1380	1000	3,300	5.2 kg
KT3800G PRO	1"	D- Handle	38mm	1800	1300	4,200	6.4 kg
KT4500G	1"	D- Handle	45mm	2750	1980	3,700	10.7 kg
KT5000G	1 1/2"	D- Handle	50mm	3500	2600	3,000	16.0 kg



# AIR TOOLS & EQUIPMENT (COMPRESSORS)



KT20P

## Kuken Impact Wrenches Conventional

- Ideal for all heavy duty applications in mining, truck and construction applications
- Delivers extra powerful performance and durability
- Well balanced for easy handling
- Wide variety of models available to suit most fastening applications

Model Number	Square Drive	Handle Type	Bolt Capacity	Max Torque		Speed (rpm)	Weight
				Nm	ft/lbs		
KT18HP	1/2"	Pistol	18mm	380	280	7,400	2.5 kg
KT20P	3/4"	Pistol	20mm	700	480	4,500	4.2 kg
KT420G	1"	D-Handle	42mm	2900	2200	3,000	13.1 kg



## 3/8" Ratchet

### Characteristics

- 254mm long
- 10mm capacity
- 525L/min max, 158L/min av air consumption
- 160rpm
- 124ft/lbs hand torque

Product Code: SP-1133SX



## 1/2" Ratchet

### Characteristics

- 254mm long
- 12mm capacity
- 525L/min max, 158L/min av air consumption
- 160rpm
- 124ft/lbs hand torque

Product Code: SP-1133SX-2



## Ratchet Wrench

- 3/8" drive (170) or 1/2" drive (1770)
- Max Torque: 60 ft-lb (81 Nm)
- Working Torque: 10-55 ft-lb
- Great value IR ratchet
- Length: 260 mm
- Weight: 1.1 kg
- Ave Air Cons: 4.0 cfm 113 lpm

Part Number: 170 & 1770



## WRENCHES - RATCHET



## 1/4 & 3/8" DR Ratchets

- Torque - 30ft lb
- 85 dBA
- Weight - 0.4kg
- 260 RPM
- Length - 133mm



Part Number	Description
SM036	1/4" DR Mini Ratchet
SM041	3/8" DR Mini Ratchet, Wobble Anvil



## 3/8" Dr Air Ratchet - Heavy Duty

- 55ft. lbs of torque provides the power to remove and install nuts, bolts and spark plugs in medium duty engine repair.

Part Number: CHPL1501



## 3/8" Dr Heavy 'Stubby' Air Ratchet

- "Stubby" air ratchet.
- Durable aluminium body rear exhaust.
- Heavy duty ratchet head.
- 18ft/lb 250RPM.

Part Number: CHSA1601



## 3/8" Mini Ratchet Wrench

### Characteristics

- 170mm long
- 10mm capacity
- 485L/min max, 146L/min av air consumption
- 310rpm
- 40ft/lbs hand torque

Product Code: SP-1762



## 1/2" Drive Air Wrench

- Front exhaust
- Max Torque: 66 ft.lbs / 89Nm

Part Number: E1325A



## 1/2" Dr Air Ratchet - Medium Duty

- 90ft. lbs of torque provides the power to remove and install large fasteners on outboard engines, tractors and other heavy machinery.
- Ball socket retainer provides fast and easy socket replacement.

Part Number: CHPL1548





## ANTI-SLIP COATING



### Safe Step™ 100

Safe Step™ 100 is a single pack epoxy ester anti-slip floor coating designed for application in areas of heavy pedestrian traffic. This durable safety coating is easy and quick to apply and offers optimum adhesion to metal, concrete and wooden surfaces.



Part Number	Description
E460005	Safe Step™ 100 Anti Skid Coating Dark Grey
E460006	Safe Step™ 100 Anti Skid Coating Dark Yellow

## BARRIER CREAM



### Lightning Barrier Cream

- NEW formulation contains solvent resistant synthetic wax creates a barrier between soils/solvents and skin absorption
- Keeps moisture in your skin
- Makes cleaning hands easier



Part Number	Size
055C	500ml Pump Pack



### Lightning Knock Off Skin Repair Moisturiser

- Helps repair dry chafed and cracked hands
- Soothes dermatitis and skin irritations
- Natural medicinal healing benefits of tea tree oil, lanolin and high grade moisturisers



Part Number	Size
132C	500ml Pump Pack

## BARRIER EXPANDING - PORTABLE



### Port-a-guard Portable Barriers



Port-a-guard is a portable, expanding safety barrier. Compact and lightweight, the Port-a-guard is suitable for indoor or outdoor use. The unique design of the extruded aluminium slats and vertical posts is both strong and lightweight while the injection moulded plastic feet ensure that the complete unit is durable and corrosion free. When fully extended, the Port-a-guard is available in both 3.2 & 5.0 metre versions. A versatile and portable solution to all your pedestrian and vehicular traffic control problems colour options include red/white or black/yellow powder coat. Base weights and castors available on request.

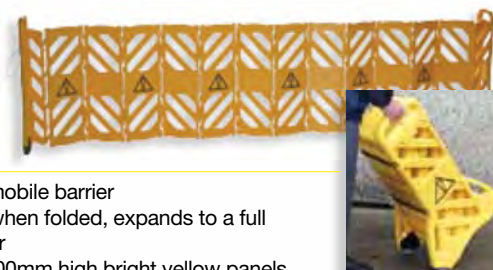
Part Number	Description	Size
BPG1RW	Port-a-guard free standing - Red/White	3.2 metres
BPG1BY	Port-a-guard free standing - Black/Yellow	3.2 metres
BPG4RW	Port-a-guard free standing - Red/White	5.0 metres
BPG4BY	Port-a-guard free standing - Black/Yellow	5.0 metres

## BARRIER MESH - FENCING



### Expanding Mobile Barrier

- Easy to move wheeled mobile barrier
- 600 x 330mm footprint when folded, expands to a full 4m long exclusion barrier
- Consists of a series of 900mm high bright yellow panels.

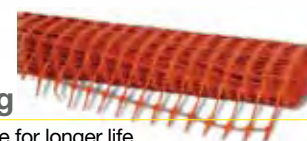


Part Number	Description	Size
BEXPMBAR	Expanding Mobile Barrier	4m



### Orange Barrier Mesh Fencing

- Manufactured from high quality Polypropylene for longer life
- 1 metre high x 50 metre roll
- Provides excellent visibility for hazard areas
- Sold individually



Product Code: BM8



# SAFETY & PROTECTION EQUIPMENT

## BARRIER - PEDESTRIAN



### Post-Q Fence

Post Q is Barriers Forklift and Pedestrian Safety Barrier, Post-Q, provides Impact Protection against low-speed manoeuvring vehicles. This modular Safety Fence is non-conductive, corrosion and abrasion resistant and can be used indoors and outdoors.

Using the galvanised steel posts provided Post-Q is simple to install with a high level of design flexibility. Strong galvanised posts and moulded polyethylene panels with solid colour ensure an extremely durable Pedestrian Barrier. Post-Q is highly visible, won't fade, rot, rust or crack and is almost completely maintenance free.

Other versions include Menni-Q Impact Protection Fence, Dock-Safe-Q Loading Dock Safety Barrier and Crowd-Q Portable Event Fence.

Part Number	Description	Size
PQ2130	Post-Q Fence Panel with 2 Galvanised Posts	2130mm

## BARRIER POST - PORTABLE



### Skipper™ Belt Barrier

Skipper™ is a unique, purpose designed barrier for traffic and facilities control. It offers a quick and cost effective way to cordon off hazardous or restricted areas indoors or outdoors. Skipper's fully retractable 9 metre tape enables all areas to be closed off using our 7kg weighted 1000mm cones and cone receiver. Alternatively, used with our optional wall mount bracket, it can be used to block doorways, close off aisles anywhere that requires a fixed barrier.

Part Number	Description	Size
SKIP-RW	Skipper Retractable Barrier – Red/White	9.0 metres
SKIP-BY	Skipper Retractable Barrier – Black/Yellow	9.0 metres
BTC1000R	Skipper 1000mm 7kg Cone	1.0 metre
SKRCA/SKRC	Cone Receiver / Wall Mounted Receiver Units	–
SKWM	Skipper Wall Mounted Bracket	–



### Utility Tensabarrier

- Free standing, suitable for indoor and outdoor use
- Post measures at 955mm high and weighs 8kg each
- Retractable webbing
- Cordon off hazardous areas



Part Number	Post	Webbing Colour
850385	Red (reflective)	Red and White Diagonal Stripe
850388	Black	Black and Yellow Diagonal Stripe
850391	Yellow	Black and Yellow Diagonal Stripe
861331	Red	Red and White Diagonal Stripe
856675	Red	Receiver Post
854885	Yellow	Receiver Post

## BOLLARDS - FIXED



### Centurian Surface Mount Bollards

Barrier's Centurian fixed surface mount bollard is designed for traffic control situations or property and asset protection. Manufactured from heavy wall mild steel tube with fully welded base plates, these bollards are able to take the hard knocks. Suitable for installation into any concrete surface. Available in round or square designs. All our bollards are supplied complete with necessary fixings and are available in a hot dip galvanised finish or hot dip galvanised with a powder coat finish. Below ground, removable, impact absorbing bollards and chain rings also available in this range.



Part Number	Description	Size
C63SM	Fixed Surface Mount Bollard – Round	63mm
C90SM	Fixed Surface Mount Bollard – Round	90mm
C140SM	Fixed Surface Mount Bollard – Round	140mm
C165SM	Fixed Surface Mount Bollard – Round	165mm
C220SM	Fixed Surface Mount Bollard – Round	220mm

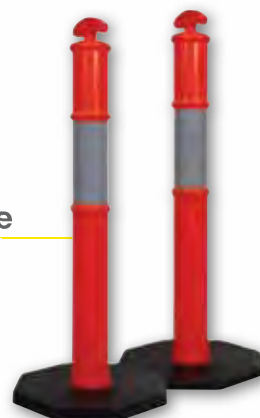


### Orange Hi-Vis Bollard - 6kg Base

- High quality rubber
- Providing even greater visibility
- Bollard with 6kg base
- Sold individually

Product Code: BB6

Also available with 8kg base (BB8)



## BUNTING FLAGS



### Bunting

- Hi Vis fluoro PVC triangle flags
- 30 metre length, 45 flags
- Reusable hi strength nylon rope
- Provided excellent visibility for hazard areas
- Sold individually

Product Code: BUN30



## GAS DETECTORS



### MultiPro Gas Detectors

Simultaneous real time readings for up to 4 gases at once.

- Easy one-button operation.
- Optional slip-on motorised pump.
- Event Logger stores readings for up to 20 events.
- IQ Compatible.
- Available with either a Li-Ion or an Alkaline battery pack.
- For remote use, both manual and motorised sample draw



Part No.	Description
54-48-314ADYV8	MultiPro Alkaline Value Pack LEL/O2/CO/H2S
54-48-314NYDV8	MultiPro Li-ion Value Pack LEL/O2/CO/H2S





## PHD6 Gas Detectors

### The most versatile gas detector ever.

- Nineteen available toxic gas sensors, along with oxygen, LEL, a PID sensor for the detection of Volatile Organic Compounds (VOCs), and IR sensors for the detection of CO<sub>2</sub> and CH<sub>4</sub>
- Monitors up to six atmospheric hazards simultaneously
- Sensors available for oxygen, combustible gas, volatile organic compounds, and several different toxic gases
- Sensors are easily replaced



Part No.	Description
54-53-A14008000NW-8	PHD6 Li-ion O <sub>2</sub> /Duo-Tox(CO/H <sub>2</sub> S)/LEL
54-54-102	PHD6 Slip on Pump

## EARMUFFS



### 3M™ Peltor™ Push to Listen Headband

Peltor Push to Listen (PTL) is the only earmuff that lets workers listen safely without removing their muffs.

- SLC80 27dB (Class 5)

Part Number: H7A-PTL



### Viper Earmuffs

- Class 5, SLC80 26dB
- General purpose use
- Hearing protection for noise levels up to 110db(A)
- Solid, lightweight ear cup construction
- High quality ear cushions
- Inner foam and headband cushion provides comfort during extended wear
- Low clamping force applies minimal pressure while maintaining a tight, snug seal
- AS / NZS 1270 Lic 20580

Product Code: EMVIP



### Cobra Earmuffs

- Class 5, SLC80 28dB
- General purpose use
- Hearing protection for noise levels up to 110db(A)
- Solid, lightweight ear cup construction
- High quality ear cushions
- Inner foam and headband cushion provides comfort during extended wear
- Low clamping force applies minimal pressure while maintaining a tight, snug sea
- AS/NZS 1270 Lic 3396

Product Code: EMC0B



**NORTH**

## Headband Type Earmuffs

Part No.	Description
AS084042	Mosquito NORTH EM3144 Black & Yellow Cups USA NRR rating 21dB; European rating SNR 27dB
AS084026	Mustang NORTH EM4155 Light Blue Cups USA NRR rating 23dB; European rating SNR 28dB
AS084022	Stealth NORTH EM1282 Padded Head Band Green Cups USA NRR rating 25dB; European rating SNR 28dB



## Clarity Earmuffs

Comfortable over-the-head design, ideal for many applications.

- Inner-ventilated headband minimises pressure on the head, breathes easier in warm/humid climates
- Non-deforming outer headband withstands rough treatment in the toughest workplaces
- SMT's uniform attenuation allows wearer to hear co-workers, instructions and other important sounds more naturally while blocking out harmful noise
- Quick-Click height adjustment remains fixed during wear

Part No.	Description
1011142	Clarity C1 Sound Management Earmuff Class 4
1011146	Clarity C3 Sound Management Earmuff Class 5
1011145	Clarity C2 Sound Management Earmuff Class 5
1011143	Clarity C1F Sound Management Earmuff Class 4
1011242	Clarity C1H Sound Management Earmuff Class 4
1011243	Clarity C3H Sound Management Earmuff Class 5



## Thunder Earmuffs

Engineered with all-day comfort in mind.

- Dielectric construction withstands use and abuse, protecting employees in electrical environments.
- Air Flow Control™ technology provides optimal attenuation across all frequencies and snap-in ear cushions for easy maintenance.



Part No.	Description
1010928	Thunder T1 Earmuff Class 5
1010929	Thunder T2 Earmuff Class 5
1010970	Thunder T3 Earmuff Class 5
1012530	Thunder T1H Earmuff Cap Mount w Adaptors Class 5
1012531	Thunder T2H Earmuff Cap Mount w Adaptors Class 5
1012532	Thunder T3H Earmuff Cap Mount w Adaptors Class 5
1011600	Thunder T1F Folding Earmuff Class 5



# SAFETY & PROTECTION EQUIPMENT



## Mach 1 Earmuffs

Economical protection for short-term use.

Lightweight dielectric construction.

- Extremely lightweight construction provides comfort for all-day wear
- Dielectric construction suitable for electrical environments



Part No.	Description
1010421	Mach 1 Earmuff Class 4



## Leightning Earmuffs

High performance and durability

- Air Flow Control™ technology for optimal attenuation across all frequencies and snap-in ear cushions for easy maintenance.



Part No.	Description
1010922	Leightning L1 Earmuff Class 5
1010923	Leightning L2 Earmuff Class 5
1013941	Leightning L3HV Earmuff Hi-Visibility Class 5
1014680	Leightning L1HHV Earmuff Cap Mount w Adaptor Hi-Visibility Class 5
1012537	Leightning L2H Earmuff Cap Mount w Adaptor Class 5
1013460	Leightning LON Ultraslim Neckband Earmuff Class 4
1011994	Leightning L1N Neckband Earmuff Class 5
1011995	Leightning L2N Neckband Earmuff Class 5
1013461	Leightning LOF Ultraslim Folding Earmuff Class 4
1013942	Leightning L2FHV Folding Earmuff Hi-Visibility Class 5



## Impact Sport Earmuffs

Designed for sport shooting and field use.

- Patented Air Flow Control™ technology for optimal attenuation across all frequencies
- Convenient folding design for easy storage
- Automatic shut-off after 4 hours
- Includes 2 AAA batteries for 350 hours of use
- Wearers can hear important ambient sounds, including other shooters and environmental noise
- Low-profile design with cut-out for full clearance of firearm eliminates interference while shooting
- AUX input allows connection to external MP3 or other audio devices for listening



Part No.	Description
1010376	Impact Electronic Earmuff Class 4
1013530	Impact Sport Electronic Earmuff Class 4



## Viking Earmuffs

The flexibility of three positions

- Making it easy to use with other PPE
- Dielectric construction withstands use and abuse and provides protection in electrical environments
- Air Flow Control™ technology and snap-in cushions for easy maintenance.
- 3 position: over-the head, behind-the-head or under-the-chin. Multiple-position headband allows for a variety of wearing styles



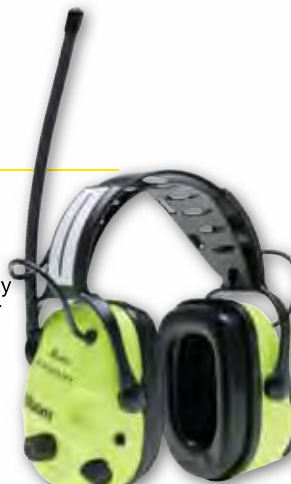
Part No.	Description
1010925	Viking V1 Earmuff Class 5
1010926	Viking V2 Earmuff Class 5
1011170	Viking V3 Earmuff Class 5



## Radio Hi-Visibility Earmuffs

AM/FM Radio muffs with superior reception and sound, while providing superb comfort for all-day wear.

- Bright green earcups and a reflective head-band provide high visibility, contrast and safety
- AUX input connects to MP3 players and other audio devices
- Features patented Air Flow Control™ Technology for optimal attenuation across all noise frequencies
- Includes 3.5mm connection cable
- High-quality AM/FM radio reception
- Radio volume does not exceed 82dB



Part No.	Description
1015543	Radio Hi-Visibility Earmuff Class 5



## uvex-3

- SLC80 rating: 31dB, class 5
- uvex ultra soft cushion technology
- Easy adjustable headband
- Foldable ear muff for easy storage
- AS/NZS 1270 approved



Part Number	Description
uvex-3	Blue, Foldable Earmuff, 31dB, Class 5



## uvex-2n

- SLC80 rating: 27dB, class 5
- Can be used with hard hats, sun hats, face and welding shields
- uvex ultra soft cushion technology
- AS/NZS 1270 approved



Part Number	Description
uvex-2n	Blue, Headband, Muff, 27dB, Class 5



## uvex-x

- SLC80 rating: 37dB, class 5
- uvex ultra soft cushion technology
- Easy adjustable headband
- Foldable ear muff for easy storage
- AS/NZS 1270 approved



Part Number	Description
uvex-x	Blue, Foldable Earmuff, 37dB, Class 5



## EARPLUGS



### 3M™ E-A-R™ Push-Ins™ Uncorded Earplugs with Grip Rings

Unique cone shape inserts easily and “moulds” to ear canal for extra comfort. Grip rings hold the plugs in position.

- SLC80 26dB (Class 5)

**Part Number: 318-1008**

- Packaging: 200 pairs/box



### 3M™ E-A-R™ Classic™ Uncorded Earplugs

Soft energy absorbing foam offers a low equilibrium pressure in the ear canal. Resistant to moisture absorption, helping to reduce moving and shifting problems when used in most conditions.

- SLC80 23dB (Class 4)

**Part Number: 310-1001**

Packaging: Pillowpack, 200 pairs/box



### 300 Series Earplugs

#### New and energised

- Tapered shape for easy insertion
- Smooth hygienic outer surface to eliminate irritation
- Two sizes available suits majority of workers
- New energised look white and yellow earplug
- Smooth PVC-free hygienic outer surface



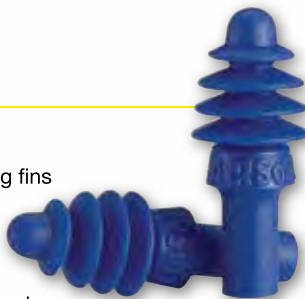
Part No.	Description
1005073	Single-Use Large
1005074	Single-Use Small
1000106	Single-Use Corded Large
1000107	Single-Use Corded Small
1006186	Single-Use Large 200pr dispenser refill bag
1006187	Single-Use Small 200pr dispenser refill bag
1017573	Single-Use Large 500pr dispenser refill box
1017574	Single-Use Small 500pr dispenser refill box



### AirSoft®

#### Optimised for comfort

- Optimal protection and long-term comfort
- Air pocket design with internal noise-blocking fins
- Four-flange profile for better ear canal seal
- Less pressure in the ear canal eliminates that “plugged up” feeling
- Rounded flanges fit better in the ear canal
- Firm stem facilitates easy insertion and removal
- Outstanding noise-blocking protection highest attenuation in Multiple-Use



Part No.	Description
AS-1	Airsoft Multiple Use Earplug w reusable case Class 5
AS-30R	Airsoft Multiple Use Corded Earplug w reusable case Class 5



### Laser Lite®

#### Highly visible protection

- Vibrant colours for high visibility
- Self-adjusting polyurethane foam expands to fit virtually every wearer
- Contoured T-shape for easy insertion and fit
- Smooth, soil-resistant skin prevents dirt build-up



Part No.	Description
LL-1	Laser Lite Single Use Earplug
LL-30	Laser Lite Single Use Corded Earplug
LL-LS4	Laser Lite Single Use Earplug 200pr dispenser refill bag
LL-1-D	Laser Lite Single Use Earplug 500pr dispenser refill box



### Max Lite®

#### Comfort for smaller ear canals

- Ideal for people with smaller ear canals
- Low-pressure polyurethane foam expands gently for comfortable, long-term wear
- Contoured T-shape for easy handling and fit
- Smooth, soil-resistant skin prevents dirt build-up



Part No.	Description
LPF-1	Max Lite Single Use Earplug
LPF-30	Max Lite Single Use Corded Earplug
LPF-LS4	Max Lite Single Use Earplug 200pr dispenser refill bag
LPF-1-D	Max Lite Single Use Earplug 500pr dispenser refill box



### Max®

#### Highest Class in Single-Use

- The world's most-used polyurethane foam earplug
- Bell shape for maximum in-ear comfort
- Contoured design for easy insertion, resists the tendency to back out of the ear canal
- Polyurethane foam enhances comfort, especially for long-term wear



Part No.	Description
MAX-1	Max Single Use Earplug
MAX-30	Max Single Use Corded Earplug
MAX-LS4	Max Single Use Earplug 200pr dispenser refill bag
MAX-1-D	Max Single Use Earplug 500pr dispenser refill box



### Pilot® Hybrid Push-in Earplug

#### The right fit. All the time.

- With an SLC80 23dB Class 4 rating, Pilot provides ideal, hearing protection in more noise environments and more consistently for more workers.
- Pilot inserts easily into your ear with a simple fingertip twist of the Navigation Stem for a quick, snug and comfortable fit.
- Soft, pearl-skinned Howard Leight polyurethane foam is resilient and easy to clean, delivering reliable, long-wearing performance.



Part No.	Description
PLT-1	Pilot Push In Earplug
PLT-30A	Pilot Push In Corded Earplug



# SAFETY & PROTECTION EQUIPMENT



## X-Treme®

### Comfortable with high attenuation

- Comfortable earplug with high SLC80 ratings
- Smooth tapered shape for easy insertion and removal
- Brightly coloured offering high visibility and worker compliance
- Corded version helps to guard against the earplugs falling onto the floor

Part No.	Description
XTR-1	X-treme Single Use Earplug
XTR-30	X-treme Single Use Corded Earplug
1006821	X-treme Single Use Earplug 100pr hand dispenser
XTR-LS4	X-Treme Single Use Earplug 200pr dispenser refill bag



## com4-fit

- Smaller size, suitable for smaller ear canals
- Excellent noise reduction, class 4 (22dB)
- Low expansion rate
- 'X' grip for easy fingertip removal
- High visibility
- AS/NZS 1270 approved



Part Number	Description	Size
CF-CD	Magenta, Disposable, Corded	100 pairs/box
CF-UC	Magenta, Disposable, Un-corded	200 pairs/box
CF-RT	Magenta, Disposable, Un-corded, Retail Pack	12 x 5 pr pk/bx

## NORTH

### DeciDamp2 PVC Foam Disposable Earplugs

- DeciDamp2 Class 4; SLC80 22dB white PVC self-expanding foam
- For use in grinding and cutting, workshops, airports, power tools and mining
- DeciDamp2 earplugs remain comfortable in humid and wet conditions

Part No.	Description	Min. Order Qty.
AS064963	DeciDamp2 Earplug uncorded Class 4 SLC80 22dB Polybag, pairs	200 pairs



## NORTH

### Deci4200 Disposable Polyurethane Foam Earplugs

- Deci4200 earplugs attenuate to Class 5 SLC80 28dB
- Deci4200 polyurethane ear plugs are made from soft orange polyurethane foam
- For use against industrial continuous and impact noise

Part No.	Description
AS329606	DECI4200 CLASS 5 Earplugs SLC80 28dB



### ProPlug Disposable Uncorded Earplugs

- Class 5, SLC80 27dB
- Disposable
- Hearing protection for noise levels to 110dB(A)
- 200 Uncorded pairs per box
- Pairs packaged in individual poly bags
- AS / NZS 1270:2002 ID No 3396

Product Code: EPOU



## x-fit

- Excellent noise reduction, class 5 (26dB)
- Low expansion rate
- 'X' grip for easy fingertip removal
- High visibility
- AS/NZS 1270 approved



Part Number	Description	Size
XF-UC	Lime, Disposable, Un-corded	200 pairs/box
XF-RT	Lime, Disposable, Un-corded - Retail Pack	12 x 5 pair pk/bx
XF-CD	Lime, Disposable, Corded	100 pairs/box

## EARPLUG BANDED



### QB1®

#### Inner-aural protection

- Smooth, ergonomic pods fit in the ear canal for maximum protection
- Patented band design prevents ear pods from touching dirty or contaminated surfaces
- Lightweight and portable — designed especially for environments with intermittent noise hazards
- Includes a pair of replacement pods for extended use



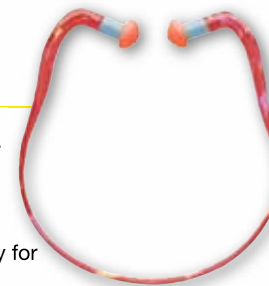
Part No.	Description
QB1	QB1 Inner-aural Hearing Band Class 2
QB100	QB1 Inner-aural Hearing Band Replacement Pods Class 2



### QB3®

#### Semi-aural protection

- Super-soft lightweight pods rest outside the ear for superior comfort
- Patented band design prevents ear pods from touching dirty or contaminated surfaces
- Lightweight and portable — designed especially for environments with intermittent noise hazards
- Includes a pair of replacement pods for extended use



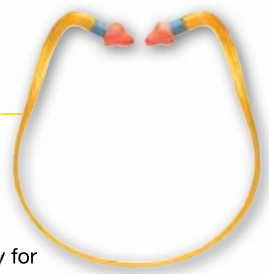
Part No.	Description
QB3	QB3 Semi-aural Hearing Band Class 3
QB300	QB3 Semi-aural Hearing Band Replacement Pods Class 3



### QB2®

#### Supra-aural protection

- Soft pods rest partially in the ear for a balance of comfort and protection
- Patented band design prevents ear pods from touching dirty or contaminated surfaces
- Lightweight and portable — designed especially for environments with intermittent noise hazards
- Includes a pair of replacement pods for extended use



Part No.	Description
QB2	QB2 Supra-aural Hearing Band Class 3
QB200	QB2 Supra-aural Hearing Band Replacement Pods Class 3





### 3M™ E-A-R™ Swerve™ Banded Hearing Protector with Comfort Pods & FLEX 28 Tips

Lightweight and durable plastic flexes/rebounds easily for frequent on and off wearing. Incorporates a cutting-edge band design with the proven effectiveness of E-A-R foam earplugs. Two tip choices for wearer preferences.

- Comfort Pods SLC80 23dB (Class 4)
- Flex 28 Tips SLC80 20dB (Class 3)

**Part Number: 322-2000**

Packaging: 1 band to a bag

## EARPLUGS - CORDED



### 3M™ E-A-Rsoft™ Superfit™ Regular Coded Earplugs

Soft foam with red line delivers protection and comfort. Bullet design.

- SLC80 24dB (Class 4)

**Part Number: 311-1254**

Packaging: 200 pairs/box



### 3M™ E-A-R™ Ultrafit™ Coded Earplugs

This premoulded reusable earplug delivers performance in a variety of work environments. Soft plastic material.

- SLC80 18dB (Class 3)

**Part Number: 340-4004**

Packaging: 100 pairs/box



### Laser Track®

#### High Attenuation in Single-Use

- Visual and metal detectability plus long-term comfort
- Non-ferrous metal grommet and bright colours easily detected by visual and automated inspection
- Self-adjusting polyurethane foam expands to fit virtually any wearer
- Contoured T-shape for easy insertion and wear
- Smooth soil-resistant skin prevents dirt build-up



Part No.	Description
LT-30	Laser Trak Single Use Detectable Corded Earplug



### ProPlug Disposable Corded Earplugs

- Class 5, SLC80 27dB
- Disposable
- Hearing protection for noise levels to 110dB(A)
- Pairs packaged in individual poly bags
- AS / NZS 1270:2002 ID No 3396
- 100 corded pairs per box

**Product Code: EPOC**



### whisper plus

- Excellent noise reduction, class 4 (22.5dB)
- Flange and disc combination for easy and comfortable insertion
- AS/NZS 1270 approved



Part Number	Description	Size
WP-DT	Lime, Re-usable, Corded, Detectable	50 pairs

## EARPLUG DISPENSERS



### 3M™ E-A-R™ One-Touch™ Dispenser

The E-A-R One-Touch Dispenser is a convenient way of storing and providing earplugs in the workplace where they are needed. It is designed to hold a variety of E-A-R earplug options.

**Part Number: 391-1000**

Packaging: 1 dispensing unit



### 3M™ E-A-Rsoft™ Superfit, Regular Refills

**Part Number: 391-1254**

Packaging: 500 pairs/refill



### Earplug Dispenser Table Top/Wall Mount

#### Versatile earplug dispenser

- Tabletop or wall-mount plastic dispenser provides a user-friendly source for earplugs
- Durable plastic design is an economical choice for dispensing earplugs
- Twist knob to dispense earplugs
- Catch basin prevents earplugs from falling to the ground
- Holds 400 pairs of Howard Leight
- Single-Use earplugs: Max®, X-treme®, Max Lite®, Laser Lite®, Multi Max®, 300 Series
- Supplied as an empty unit



Part No.	Description
LS-400	Leight Source 400 Earplug Dispenser Table Top / Wall Mount



# SAFETY & PROTECTION EQUIPMENT



## Earplug Dispenser Heavy Duty

### Permanent mounted dispenser

- Heavy-duty anodized aluminium withstands constant use
- Mount on wall for easy access
- Crank handle to dispense earplugs
- Ideal for large factories and process industries
- Holds 500 pairs of Howard Leight earplugs: Max®, Max Lite®, Laser Lite®, 300 Series
- Supplied as an empty unit



Part No.	Description
LS-500	Leight Source 500 Earplug Dispenser Heavy Duty



## Foam, Water and Chemical

Water is the most commonly used extinguishant for Class A fires involving carbonaceous materials such as wood, paper and textiles. Water extinguishers cool the fire, removing the heat needed to sustain burning. Foam fire extinguishers with AFFF additive have the effect of improving a water based extinguisher, enabling it to fight class A and B fires. Wet chemical extinguishers contains special potassium acetate based agent for use on fires involving cooking oils or fats. All fire extinguishers are manufactured and approved to AS1841.1

Part Number	Description	Approval
EXT-FOAM-9LTR	Foam 9L	AS1841.1
EXT-WC-2.5LT	Chemical 2.5L	AS1841.3
EXT-WC-7LT	Chemical 7L	AS1841.3
EXT-AW-9LTR	Air/Water 9L	AS1841.2



## Backburn Fire Hose Kit

Backburn kit comprises of 1 x 6 metre length of grey PVC suction hose fitted with poly strainer and brass nut and tail. 2 x 10 metre length of 25mm PVC layflat fitted with brass nut and tail and 2 x 25mm adjustable fire nozzles.



Part Number	WP (MPa)	WP (psi)
FK6	0.7	100



## Spotfire Fire Hose Kit

Spotfire kit comprises of 1 x 4 metre length of grey PVC suction hose fitted with poly strainer and brass nut and tail. 2 x 6 metre lengths of PVC hose fitted with brass nut and tail. 2 x 20mm adjustable fire nozzles.



Part Number	WP(MPa)	WP (psi)
FK4	1.0	145



## Blaze Fire Hose Kit

Blaze kit comprises of 1 x 4 metre length of grey PVC suction hose fitted with poly strainer and brass nut and tail. 1 x 20 metre length of PVC fire hose fitted with brass nut and tail. 1 x 20mm adjustable fire nozzles.



Part Number	WP (MPa)	WP (psi)
FK420	1.0	145

## ELECTRICAL KIT - LOCKOUT



### Brady Electrical Lockout Kit

- Includes a combination of lockouts for older style breakers and more modern DINN style breakers
- An effective and affordable solution for electrician's carrying out day-to-day work
- For kit contents, contact your ISG representative

Product Code: 848284

## EXTINGUISHERS - FIRE



### Powder

Multi-purpose ABE powder is a versatile extinguishant which is used to extinguish class A (Carbonaceous) fires, achieved by sealing burning embers. it is also used on class B (Flammable liquid) fires and class E (Electrical Fires). The ABE powder Extinguishers are approved by Australian Standard to AS1841.5.



Part Number	Size
EXT-ABE-1KG	1kg
EXT-ABE-2.5KG	2.5kg
EXT-ABE-4.5KG	4.5kg
EXT-ABE-9KG	9kg





### Inferno Fire Hose Kit

Inferno kit comprises of 1 x 6 metre length of grey suction hose fitted with poly strainer and brass nut and tail. 2 x 10 metre length of PVC fire hose fitted with brass nut and tails and 2 x 20mm adjustable fire nozzles.

Part Number	WP (MPa)	WP (psi)
FK6P	1.0	145



1" Viper

1 1/2" Viper

### Viper Fire Nozzles

Suitable for hose cabinets and variety of other uses requiring an industrial strength nozzle.

Part Number	Size	Working Pressure psi	Working Pressure MPa	Flow Rate (lpm @ 100psi)
FNV025	1"	150	1.0	150
FNV040	1 1/2"	150	1.0	360



## FIRST AID - KITS



### Workplace Compliant Level 1 First Aid Kits

Workplace compliant level 1 first aid kits are suitable for construction sites with less than 25 employees and other workplaces with less than 100 employees. Recommended as basic kits for the following sized workplaces.

- NSW - Up to 25 employees (schedule 'B' compliant)
- ACT - Up to 25 employees (group 'B' compliant)
- QLD, NT, SA, TAS, VIC and WA - Up to 25 employees



### Wallmount ABS Plastic - Level 1 Kit

- Dimensions: 290 x 390 x 145mm (WxHxD)
- For kit contents, contact your ISG representative

Product Code: 871111



### Wallmount Metal - Level 1 Kit

- Dimensions: 240 x 390 x 115mm (WxHxD)
- For kit contents, contact your ISG representative

Product Code: 871112



### Polypropylene Carry Case - Level 1 Kit

- Dimensions: 420 x 190 x 225mm (WxHxD)
- For kit contents, contact your ISG representative

Product Code: 871114



### Softpack Bag - Level 1 Kit

- Dimensions: 355 x 355 x 200mm (WxHxD)
- For kit contents, contact your ISG representative

Product Code: 871113



### Workplace Compliant Level 2 First Aid Kits

Workplace compliant level 2 first aid kits are suitable for construction sites with more than 25 employees and other workplaces with more than 100 employees. Recommended as basic kits for the following sized workplaces.

- NSW - Over 25 employees (schedule 'A' compliant)
- ACT - Over to 25 employees (group 'A' compliant)
- QLD, NT, SA, TAS, VIC and WA - Over 25 employees



### Wallmount ABS Plastic - Level 2 Kit

- Dimensions: 360 x 170 x 185mm (WxHxD)
- For kit contents, contact your ISG representative

Product Code: 871121



### Wallmount Metal - Level 2 Kit

- Dimensions: 360 x 170 x 185mm (WxHxD)
- For kit contents, contact your ISG representative

Product Code: 871124



### Remote Area First Aid Kit

- Ideal kit for off the beaten track
- Can be easily stored in your vehicle
- Includes durable nylon fold-out bag
- Dimensions: 360 x 335 x 70mm (WxHxD)
- For kit contents, contact your ISG representative

Product Code: 854318





# SAFETY & PROTECTION EQUIPMENT

*Trafalgar*

## Handy First Aid Kit

- Ideal for company vehicles
- Standards interpret that company vehicles are an extension of company premises and so require a first aid kit
- Dimensions: 230 x 110 x 100mm (WxHxD)
- For kit contents, contact your ISG representative

**Product Code: 856603**



*Allclear*

MADE IN GERMANY

## CLEARMASTER - Welding Fume Filter

- Max vol of air flow 2500m³/hr
- 1.1 kW (1ph)
- Max pressure 2500 Pa

**Part No: 978002**



## FUME EXTRACTORS

*Allclear*

MADE IN GERMANY

AllClear Fume Control is dedicated to the field of suction and filtering technology, a step ahead with quality, innovation, cost effectiveness, and reliability. Clean air is important for efficient production processes, the rising environmental issues, and more importantly for the health of employees. The AllClear range of fume extraction products consists of standard units with customised solutions available upon request.

*Allclear*

MADE IN GERMANY

## CAREMASTER - Stationary Welding Fume Filter

- Max vol of air flow 3000m³/hr
- 1.5kW (3ph) Motor
- Max pressure 2500 Pa
- Also available with two arms

**Single Arm Part No: 97400101**

**Double Arm Part No: 97420101**



*Allclear*

MADE IN GERMANY

## CARTMASTER - Cartridge Filter

- Max vol of air flow 3000m³/hr
- 1.5kW (3ph) Motor
- Max pressure 3000 Pa
- Also available with two arms

**Part No: 97000101**



*Allclear*

MADE IN GERMANY

## HANDYCART - Cartridge Filter

- Max vol of air flow 280m³/hr
- 1.1 kW (1ph) Motor
- Variable pressure 14100 up to 25000 Pa

**Part No: 97901555**



**Alemlube**

## Mobile Industrial Welding Fume Extractors

- Ideal for the removal and filtering of welding fumes
- Consists of a sturdy epoxy powder coated sheet steel frame, an electric fan unit with a statically and dynamically balanced blade impeller and an electronic control panel
- 160mm diameter aluminium articulated arm that can rotate 360°



Part Number	Description
FAC/T	Comprises a rigid pocket filter
FAC/E	Comprises an electrostatic filter

*FANQUIP*

## Fume Extraction Fan And Arm

Industrial duty fume articulated fume extraction arm and fan unit. Ideal for welding, fume extraction and dust extraction.

- 3m radius reach
- Wall mounted



Model No.	Size (mm)	Motor KW	Voltage
FA-2150	2000	0.55	240
FA-3150	3000	0.75	240
FA-4150	4000	1.1	415

*FANQUIP*

## Mobile Filtered Fume Extraction

Fully self contained mobile filtration fume extractor with high volume exhaust rate and two stage filtration.

- Fitted on casters for mobility
- 3m flexible arm
- High efficiency
- Integral control panel



Model No.	Size (mm)	Phase	Motor KW	Voltage
FE-3151	3000	1	1.1	240
FE-3153	3000	3	1.1	415



## GLOVE - CLIP



### Glove Guard®

Help prevent hand injuries in the workplace by keeping gloves within easy reach. Glove Guard has two alligator clip ends to attach your gloves to your side. Utility Guard has one alligator clip end to attach your gloves and one end to slide over your belt or harness. Available in a range of colours.

Part Number	Description
<b>GG1 HVOR</b>	Glove Guard Hi-vis Orange
<b>GG1 HVYW</b>	Glove Guard Hi-viz Yellow
<b>GG1 ASS</b>	Glove Guard comes in 8 other colours
<b>UG1 HVOR</b>	Utility Guard Hi-Vis Orange
<b>UG1 HVYW</b>	Utility Guard Hi-viz Yellow
<b>UG1 ASS</b>	Utility Guard comes in 8 other colours



### Croc Grip



Australian designed and manufactured, the Croc Grip is a strong multi-purpose clip that gives you an extra hand when you need it.

#### Multi Purpose:

- Large jaws hold small to extra-large gloves
- Strong tension for heavier gloves or equipment
- Unique centre safety break device
- Non conductor of electricity
- Carries up to 5kgs

The centre safety break device protects the user by breaking at an engineered pressure if the article which the Croc Grip is attached to becomes jammed or snagged in machinery.

**This minimises the potential for injury.**

#### Ideal For:

- Automotive
- Industrial
- Electrical
- Construction
- Mining
- Forestry
- Food / Hospitality
- Emergency services

**Pack:** 20 per bag / 100 per box

Part Number	Colour	Part Number	Colour
<b>MPCRED</b>	Red	<b>MPCWHITE</b>	White
<b>MPCBLUE</b>	Blue	<b>MPCFLOR</b>	Fluro Orange
<b>MPCBLACK</b>	Black	<b>MPCFLYE</b>	Fluro Yellow

## GLOVES - CHEMICAL RESISTANT



### AlphaTec® Gloves

AlphaTec® gloves provide chemical protection that sets a new benchmark in technical features and product performance. AlphaTec® gloves adopt the revolutionary Ansell Grip Technology™ that enables the user to handle wet and slippery objects with less grip force and more control.

#### FEATURES AND BENEFITS

- Breakthrough manufacturing process delivers exceptional grip in wet and oily environments.
- Soft and flexible nitrile polymer for enhanced tactility and dexterity.
- Ergonomic design featuring seamless liner and tapered fingers.
- Relaxed wrist for easy donning and removal.

#### APPLICATIONS

- Chemical handling and refining.
- Automotive/OEM.
- Agriculture.
- Mining.
- Printing industry.
- Construction.

**Product Code:** 58-535



### Red PVC Glove – Long

- Single dipped
- Resistant to oil, grease and chemicals
- Available in 45cm for hand and forearm protection
- Interlock lined for easy on/off
- Size: One size fits all
- EN 388 (3121), EN 374-3 (6663)
- Also available with header card - HCPVC45 and in 27cm for hand protection

**Product Code:** PVC45



### Super-Guard Blue Fully Dipped

- Heavy weight fully dipped blue nitrile glove for full hand protection
- Abrasion and chemical resistant
- Knitted wrist to exclude debris
- Size: 8, 9, 10
- EN 388 (4121)

**Product Code:** NBRFB



## GLOVES - CUT RESISTANT



### Taeki 5 Glove (with Nitrile Dip)

- Nitrile coated palm.
- Provides outstanding abrasion, cut and tear capabilities in handling dry, wet or greasy parts.
- Lint free.
- High contact heat protection - up to 100°C.
- Stretchable and breathable material to allow perfect fit, dexterity and wearing comfort.
- Can be washed and reused increasing the lifetime and value of the glove.
- Sizes: 8, 9, 10, 11.

**Product Code:** T5ND



### Taeki 5 Glove (with Polyurethane Dip)

- Polyurethane (PU) coated palm.
- Provides outstanding abrasion, cut and tear capabilities in handling dry, wet or greasy parts.
- Silicone and lint free, stretchable and breathable material to allow perfect fit, dexterity and wearing comfort.
- Can be washed and reused increasing the lifetime and value of the glove.
- Sizes: 8, 9, 10, 11.

**Product Code:** T5PUD





# SAFETY & PROTECTION EQUIPMENT

## GLOVES - CUT RESISTANT

**Ansell**

### HyFlex® Gloves

HyFlex® 11-624 gloves combine comfort and flexibility with strong cut resistance. The liner is made with an innovative yarn structure containing Dyneema®. The polyurethane coating provides sure grip in light oil and dry environments. The ergonomic design and softer feel of the HyFlex® 11-624 glove, coupled with high levels of durability make this Ansell's most comfortable cut resistant glove yet.

#### FEATURES AND BENEFITS

- Unmatched combination of comfort, softness and cut protection provides more incentive to wear.
- Excellent durability and abrasion resistance.
- Cut resistance level - EN 388 rating 3.
- A sure grip in wet, dry and slightly oily environments.

#### APPLICATIONS

- Metal fabrication.
- Glass and bottle industry.
- White goods.
- Plastics injection and moulding.
- Automotive manufacturing.
- Aeronautics.

**Product Code: 11-624**



**Ansell**

### HyFlex® Gloves

HyFlex® 11-627/628/630 gloves provide an excellent balance of comfort, sure handling and superior cut resistance. The polyurethane coating provides secure grip in dry and slightly oily environments as well as excellent abrasion resistance. The seamless Dyneema® blend liner offers medium to high level cut resistance, without sacrificing comfort or flexibility. The grey coating and liner helps to hide marks and stains making it look cleaner for longer and therefore reduces replacement cycles.

#### FEATURES AND BENEFITS

- Close comfortable fit for dexterity, sensitivity and flexibility.
- Excellent durability and abrasion resistance.
- A sure grip in wet, dry and slightly oily environments.
- Seamless knitted low-lint glove

#### APPLICATIONS

- Metal fabrication.
- Glass and bottle industry.
- Aeronautics.
- Plastics injection and moulding.
- Automotive manufacturing.

**Product Code: 11-630**



**Ansell**

### HyFlex® Gloves

HyFlex® 11-435 gloves deliver the perfect balance between high level cut resistance, comfort and durability. The liner is made with an innovative yarn structure containing Dyneema®. The HyFlex® 11-435 glove features a water-based polyurethane coating, providing higher levels of flexibility and grip. Advanced cut protection never felt this good.

#### FEATURES AND BENEFITS

- Unmatched combination of comfort and protection provides more incentive to wear.
- Highest Cut Resistance level available - EN 388 rating 5.
- A sure grip in wet, dry and slightly oily environments.
- Water-based PU coating enhances dexterity and comfort.

#### APPLICATIONS

- Metal fabrication.
- Glass and bottle industry.
- White goods.
- Mining.
- Automotive manufacturing.
- Aeronautics.

**Product Code: 11-435**



**Ansell**

### Vantage® Gloves

Vantage® 70-765 gloves are a part of Ansell's Vantage® range, featuring Ansell's advanced cut resistant technology. This technology integrates revolutionary, engineered yarns that provide high cut protection to weight ratio. This glove is made of 10 gauge, medium-weight cut resistant yarn with Kevlar® fibre. The palm is reinforced with premium leather to ensure superior grip and protection against sharp snags and punctures.

#### FEATURES AND BENEFITS

- Adopts advanced cut resistant technology.
- Leather reinforced palm for superior grip and protection against snags and punctures.
- Features double stitched Kevlar® yarn.
- Provides high cut-to-weight protection

#### APPLICATIONS

- Press and welding - Handling heavy weight and oily metal pieces.
- Handling sharp or irregular edges - moderate heat protection if required

**Product Code: 70-765**



**uvex**

### helix C5

- uvex Profas Bamboo TwinFlex® technology
- Innovative SoftGrip coating
- Exceptional cut protection (Cut 5)
- Exceptional abrasion resistance
- Silicone-free and flexible
- Certified according to Oeko-Tex Standard 100

Part Number	Description	Size
HX60492	helix C5 Wet	7-11
HX60496	helix C5 Wet Plus	7-11
HX60494	helix C5 Foam	7-11
HX60499	helix C5 Dry	7-11
HX60497	helix C5 Liner	7-11
HX60491	helix C5 Sleeve	One Size



**uvex**

### unipur

- Ultra lightweight and flexible
- Good grip in wet conditions
- Exceptional abrasion resistance
- Mechanical strength

Part Number	Description	Size
UP6631	Knitted, grey, PU Palm Coated	7-11



**uvex**

### helix C3

- uvex Profas Bamboo TwinFlex® technology
- Innovative SoftGrip coating
- Good cut protection (Cut 3)
- Exceptional abrasion resistance
- Silicone-free and flexible
- Certified according to Oeko-Tex Standard 100

Part Number	Description	Size
HX60542	helix C3 Wet	7-11
HX60546	helix C3 Wet Plus	7-11
HX 60544	helix C3 Foam	7-11
HX60549	helix C3 Dry	7-11
HX60547	helix C3 Liner	7-11





## GLOVES - DISPOSABLE

### Ansell

#### Touch N Tuff® Gloves

The Touch N Tuff® nitrile glove is ideal for chemical splash protection and combined with excellent comfort, makes for a versatile glove that is ideal for use in many applications. Fitting like a second skin, Touch N Tuff® gloves combine excellent fingertip sensitivity with exceptional durability. Available in lightly powdered or powder-free.

#### FEATURES AND BENEFITS

- Outstanding comfort, dexterity and sensitivity.
- Good grip in dry or slightly oil conditions.

#### APPLICATIONS

- Automotive assembly and manufacturing.
- White-goods and electrical assembly and manufacturing.
- Cosmetics/plastics handling.
- Packing and inspection of finished goods.
- Delicate and precise operations.

Product Code: 92-600



## GLOVES - GENERAL PURPOSE COTTON & COATED

### uvex

#### profi ergo

- Excellent ergonomic fit
- Good abrasion resistance
- Good resistance to oil, grease and fuel
- Very good dry grip
- Good perspiration absorption



Part Number	Description	Size
ENB20A	Partially coated NBR glove with knitted wrist	7-10

### [E] ELLIOTT

protecting you from harm

#### Ellgard® G-Flex® Red Devil Glove

- Lightweight grey crinkle finish latex coating on red seamless breathable nylon liner.
- Sizes 8 – 11

Product Code: ELG32220 (size)



### [E] ELLIOTT

protecting you from harm

#### Ellgard® G-Flex® Sandstorm Glove

- Unique Sandstorm™ coating provides superior gripping power in wet and dry conditions. Black coating on black seamless breathable nylon liner.
- Sizes 8 – 11

Product Code: ELG32230 (size)



### [E] ELLIOTT

protecting you from harm

#### G-Flex® Foam Glove

- Lightweight foam coating on a seamless nylon liner
- "Finger Dip" technology gives total ventilation to the back of your hand
- Very comfortable with excellent dexterity, sensitivity and tactility
- Size 7-10

Product Code: ELG3200 (size)



### [E] ELLIOTT

protecting you from harm

#### G-Flex® Nitrile Glove

- Super light weight Nitrile on a seamless nylon liner
- "Finger Dip" technology gives total ventilation to the back of the hand
- Excellent wet and dry grip
- Perfectly contoured hand shape for the ultimate fit
- Size 7-12

Product Code: ELG3000 (size)



### [E] ELLIOTT

protecting you from harm

#### Ellgard Ultralight Glove

- Light duty Nitrile coating
- We coat our ELLGARD® UltraLite gloves with enough Nitrile to resist cuts and many chemicals, but leave the glove highly flexible
- Light-weight and machine washable
- A great general purpose work glove with gripping power, wet or dry
- Size 9, 10

Product Code: ELG1000 (size)



#### Lite-Grip Gloves

- Nitrile foam coated on nylon gives excellent dexterity
- Nylon liner makes this glove lightweight and breathable
- Ideal for production line and small parts handling
- Sizes: 7, 8, 9, 10, 11
- EN 388 (4121)

Product Code: NNF



#### Stinga Glove

- Bare hand feel technology
- Seamless 15 gauge shell
- 100% Apparel Grade Nylon
- PVC Foam Coating provides water repellency, comfort and enhanced gripping power in wet and dry conditions
- EN 388 (4131)
- Size: sizes: 7, 8, 9, 10, 11

Product Code: NPF





# SAFETY & PROTECTION EQUIPMENT

## NORTH

### Worknit HD Nitrile Coated Multi Purpose Work Gloves

- For metal fabrication, general maintenance, grinding and handling abrasives
- The uniquely flexible nitrile work surface outwears equivalent weight leather 4:1
- Individually sewn fingers and Gunn-cut thumb provide instant comfort
- Excellent non-slip dry-grip provides great feel to the work
- Can be laundered many times to save money



Part No.	Description
AS072826	Worknit HD Gloves - Medium
AS064971	Worknit HD Gloves - Large
AS096385	Worknit HD Gloves - Extra Large

## NORTH

### Grip N® Kevlar Hot Mill

- Kevlar® and cotton mix outer for cut/slash protection
- Will handle intermittent heat up to 200°C, combination heat, grip and cut resistance in one glove
- Twin wall provides heat protection, breathing and comfort
- Metal fabrication, smelting and casting, hot and sharp metal or plastic work
- Ambidextrous design



Part No.	Description
AS083968	Grip-N Kevlar Hot Mill Gloves

## NORTH

### Grip N® Hot Mill

- Heat resistant, twin wall knitted cotton/acrylic gloves with nitrile 'N' Grips for extra wear
- Will handle intermittent heat up to 200°C
- Ambidextrous design



Part No.	Description
AS114618	Grip-N Hot Mill Gloves



### Polycotton Knit Polka Dot

- Now navy to conceal dirt
- Seamless machine knit
- 7 gauge polyester cotton shells
- PVC dots single side or double side

**Pack:** 12 pairs / packet, 240 pairs / carton

**Part Number:** P131.L-P131.M > Single Sided

**Part Number:** P131D.L > Double Sided



### Mens and Ladies Interlock Knitwrist

- 100% cotton Interlock
- Knitwrist
- Available in Ladies or Mens

**Pack:** 12 pairs / packet, 600 pairs / carton

**Part Number:** P104M > Mens

**Part Number:** P104L > Ladies



### Mens and Ladies Interlock Hemmed

- 100% cotton Interlock
- Hemmed wrist
- Available in Ladies or Mens

**Pack:** 12 pairs / packet, 600 pairs / carton

**Part Number:** P103M > Mens

**Part Number:** P103L > Ladies



### Mens & Ladies Navy Polycotton

- Fully knitted seamless cotton/polyester
- 7 gauge polyester cotton shells
- Navy to hide the dirt
- Available in Ladies or Mens

**Pack:** 12 pairs / packet, 600 pairs / carton

**Part Number:** P202N.L > Ladies

**Part Number:** P202N.M > Mens



## GLOVES - GENERAL PURPOSE COTTON



### Mens and Ladies Drill

- 8 oz cotton drill unbleached
- Red or blue knitted cuff

**Pack:** 12 pairs / packet, 300 pairs / carton

**Part Number:** P102M > Mens

**Part Number:** P102L > Ladies





**12**

 QUALITY BY  
THE DOZEN

### Mens & Ladies White Knitted Polycotton

- Fully knitted seamless cotton/polyester
- 7 gauge polyester cotton shells
- Available in Ladies or Mens

**Pack:** 12 pairs / packet, 600 pairs / carton

**Part Number:** P202M > Mens

**Part Number:** P202L > Ladies

**12**

 QUALITY BY  
THE DOZEN

### Pit Bull

- Knuckle bar style premium select shoulder split leather glove
- Kevlar stitch

**Sizes:** XL

**Pack:** 12 pairs / packet, 120 pairs / carton

**Part Number:** P083


## GLOVES - GENERAL PURPOSE LEATHER/RIGGER

**12**

 QUALITY BY  
THE DOZEN

### Safeguard Kevlar Crinkle Cut

- Powerful and flexible grip
- Cut 5 Protection
- Puncture 4 protection

**Sizes:** M - 2XL

**Pack:** 12 pair/packet, 120 packet carton

**Part Number:** P4160

**12**

 QUALITY BY  
THE DOZEN

### Rancher

- Knuckle bar style premium leather palm glove

**Sizes:** L

**Pack:** 12 pairs / packet, 120 pairs / carton

**Part Number:** P082

**Contego**

### Golden Eagle

- Gold deer grain
- Curved fingers with perforated fourchettes
- Black Nylon lycra foam back
- Black neoprene knuckle
- Elastic cuff
- Velcro fastener

#### Recommended Use:

- Construction
- Timber handling
- Steel handling
- Cables and coupling
- Reo handling and rope handling

**Sizes:** S - 2XL

**Pack:** 12 pairs / packet, 10 packet / carton

**Part Number:** P2150

**12**

 QUALITY BY  
THE DOZEN

### Candy Back

- Candy stripe/leather patch palm knuckle bar style

**Sizes:** L >270mm length

**Pack:** 12 pairs / packet, 120 pairs / carton

**Part Number:** P062

**12**

 QUALITY BY  
THE DOZEN

### Rigger - Beige

- A Grade beige cow grain
- Keystone thumb
- Insewn elastic
- Available with extended cuff

**Sizes:** S - XL >250mm length

**Pack:** 12 pairs / packet, 120 pairs / carton

**Part Number:** P031B

**12**

 QUALITY BY  
THE DOZEN

### Rigger - Gold

- Rigger style cowhide palm
- Chocolate split leather back
- Keystone thumb
- Available with extended cuff

**Sizes:** S - XL >250mm length

**Pack:** 12 pairs / packet, 120 pairs / carton

**Part Number:** P031Y




# SAFETY & PROTECTION EQUIPMENT

**12**  
QUALITY BY  
THE DOZEN

## Polisher

- Knuckle bar style high quality leather palmed glove
- Cut 2 protection
- Size:** XL
- Pack:** 12 pairs / packet, 120 pairs / carton
- Part Number:** P016



## [E] ELLIOTT

protecting you from harm

SEWN WITH **KEVLAR**

## Eureka® Glove

- Knuckle bar style
- Superior quality leather palm
- Reinforced palm, thumb and first finger
- Lined palm, Kevlar® sewn
- Length 270mm

**Product Code:** TMKB10P



## [E] ELLIOTT

protecting you from harm

SEWN WITH **KEVLAR**

## Fighter® Glove

- Knuckle bar style
- Sewn in Kevlar® thread
- Superior quality chrome leather palm
- Lined palm
- Length 270mm

**Product Code:** KB436A



## [E] ELLIOTT

protecting you from harm

## Premium Western Rigger® Glove

- Riggers style
- Superior soft cow grain
- Generous hand size
- Length 250mm
- Size S-XXL

**Product Code:** 500WR (size)



## [E] ELLIOTT

protecting you from harm

## Wrangler® Glove

- Riggers style
- Superior quality leather
- Length 250mm
- Felt Lined

**Product Code:** WRG250



**PRO SAFETY GEAR**  
SAFE AS.

## Candy Stripe

- Cow split leather palm, cotton backed
- Lightweight and economical
- Knuckle bar for added protection
- Size: One size fits all

**Product Code:** 417PB



**PRO SAFETY GEAR**  
SAFE AS.

## Riggamate Cow Grain Beige

- Cow grain rigger glove
- Wing thumb, stitch-free palm
- Colour coded cuff for size identification
- Sizes: S, M, L, XL, 2XL
- EN 388 (3121)

**Product Code:** CGL41B

CE  
EN 388  
3121



## GLOVES - GENERAL PURPOSE SYNTHETIC LEATHER

### Contego

Contego® multi-task hand protection styles are constructed from an assortment of premium materials. Most styles feature Clarino® or other synthetic leathers. Additionally, premium grain deerskin styles compliment this series. Clarino® and synthetic leathers improve hand protection by providing greater function and feel by being more soft and flexible than traditional materials. These synthetic materials are also more environmentally friendly than chrome tanned leather.

Clarino® was developed in 1964 and initially used in the shoe industry as a replacement for leather. This man made leather possesses many of the same qualities of natural leather as well as offering a launderable material with enhanced gripping properties. Today Clarino® is used in the apparel, interior furnishings, and sporting goods industries to name a few of its diverse applications.

Clarino® and our synthetic offerings can be considered high-tech leather. In addition to breathing naturally, they feel luxuriously soft, are colour fast, and have additional unique physical properties including:

**Comfortable** – soft and flexible microfibre material that insulates against heat and cold, repels stains and mildew, and resists wind and water

**Durable** – rivals the strength and performance of leather plus consistently provides high quality lighter weight – up to 3 times lighter in weight compared to leather

**Launderable** – hand and machine washable, or dry clean breathable – minimises perspiration by allowing air flow.

**Breathable** – minimises perspiration by allowing air flow.

### Contego

## Contego

- 0.8 mm Clarino synthetic leather
- Neoprene padded reinforcement
- Perforated fourchettes
- Black nylon/lycra, foam back
- Black neoprene knuckle bar
- Elastic cuff
- Velcro fastener
- Full fingered

### Recommended Use:

- Automotive
- Shipping
- Rescue operations

**Sizes:** S - 2XL

**Pack:** 12 pairs / packet, 60 pairs / carton

**Part Number:** P8174



CE  
EN 388  
3231





### Contego - Rigger

- 0.8 mm Clarino synthetic leather
- Neoprene padded reinforcement
- Perforated fourchettes
- Black nylon/lycra, foam back
- Black neoprene knuckle bar
- Elastic cuff
- Velcro fastener
- The alternative to leather riggers

#### Recommended Use:

- Automotive
- Aerospace
- Shipping
- Power tool use
- Rescue operations

Sizes: S - 2XL

Pack: 12 pairs / packet, 60 pairs / carton

Part Number: P8175



## GLOVES - MECHANICS



### ProFit Glove

- One piece synthetic leather palm with cut off fingers and Geko Grip palm
- Cut-off finger design is perfect for handling small parts
- Pull-tab finger for easy removal
- Rubberised reinforced canvas on thumb and forefinger for more gripping power
- Non-slip grip is ideal for use for hand and power tools in dry, wet or oily conditions
- Sizes: M, L, XL

Product Code: PF



## GLOVES - GLASS GRIPPER

12

QUALITY BY  
THE DOZEN

### Glass Gripper

- 100% cotton jersey lining/100% cotton knit wrist
- Natural latex coated
- Knuckle coated open back
- Crinkle finish
- Washable at 42°C

#### Recommended Use:

- Glass handling and bottling
- Light fabrication
- General maintenance
- Shipping and receiving
- Brick handling
- Waste management

Size: XL

Pack: 12 pairs / packet, 144 pairs / carton

Part Number: P159



## GLOVES - SOLVENT RESISTANT



### Solvex® Gloves

The chemical resistant Solvex® glove range, manufactured from a high performance nitrile polymer. These gloves are an ideal and versatile choice for safe handling in a wide range of work environments where harsh chemicals are present.

#### FEATURES AND BENEFITS

- Durable nitrile compound.
- Wide range of thicknesses, lengths and sizes.
- Offers high levels of flexibility, comfort and dexterity.
- Extremely versatile.

#### APPLICATIONS

- Chemical processing and handling.
- Petrochemical and oil refining.
- Pharmaceutical and laboratory.
- Food processing.
- Printing.

Product Code: 37-185



## GLOVES - SUNSAFE



protecting you from harm

### Sun Protection Work Glove

- Fingerless blue Lycra® - backed glove UPF50+
- Gripper palm patch
- Washable
- Size S-XXL

Product Code: ELG0500 (size)



### Sun Safe Gloves

Designed as a multi-purpose fingerless glove, UVeto's Sun Safe Gloves protect the back of the hand from harmful UV rays, while giving the wearer added grip on the palm.



Part Number	Description
SG(size)BK	Sun Glove Black XS, S, M, L, XL
SG(size)BL	Sun Glove Blue S, M, L, XL
SG(size)GR	Sun Glove Green S, M, L, XL
SG(size)SK	Sun Glove Skin XS, S, M, L, XL

## GLOVES - SYNTHETIC



### HyFlex® Foam Grey Gloves

The HyFlex® Foam Grey 11-801 glove offers a colour variation of the ever popular HyFlex® Foam. Featuring a dark liner and palm coating and Ansell's patented technology Knitted Variable Stitch Design (KVSD). HyFlex® Foam Grey 11-801 gloves offer excellent dexterity, fit and comfort.

#### FEATURES AND BENEFITS

- Knitted Variable Stitch Design (KVSD) helps to reduce hand fatigue and releases tension, allowing the hand to operate more freely.
- A dark liner and palm coating helps hide dirt and grime and therefore helps extend product life.
- Breathable grey foam nitrile coating reducing perspiration build-up.
- Good grip in dry and slightly oily environments.

#### APPLICATIONS

- Automotive and White goods assembly and manufacturing
- Logistics and warehousing - Packing and inspection of finished goods.
- Delicate and precise operations.
- Mining

Product Code: 11-801





# SAFETY & PROTECTION EQUIPMENT

## Ansell

### HyFlex® Ultra-Lite Gloves

The HyFlex® Ultra-Lite 11-618 glove is an ultra light-weight glove that offers outstanding comfort and sensitivity for the most delicate handling. The lightest lined and coated glove made by Ansell, the HyFlex® Ultra-Lite 11-618 glove is 20% lighter in weight than Ansell's previous nylon/polyurethane gloves. Designed for a wide range of light-weight applications in dry or slightly oily environments, the glove is ideal for workers who need a high level of touch and precision.

#### FEATURES AND BENEFITS

- Made of nylon liner and polyurethane coating.
- Ansell's lightest glove with a liner and coating.
- Outstanding comfort, dexterity and sensitivity.
- Good grip in dry or slightly oil conditions.

#### APPLICATIONS

- Automotive assembly and manufacturing
- Packing and inspection of finished goods.
- Delicate and precise operations.

**Product Code: 11-618**



### Ninja Lite

- 15-gauge Fashion Grade Nylon shell for increased comfort
- Proprietary HPT™ (Hydropellent Technology™) Coating HTP™ process creates a spongy, soft, durable, flexible coating that repels liquids to provide a firm wet or dry grip
- Encapsulated air molecules provide an inherent vibration absorption feature
- Treated with Actifresh® to kill bacteria and promote freshness.

#### Recommended Use:

- Shipping and warehousing
- Plumbing
- Materials handling and assembly
- Excellent general purpose work gloves

**Sizes:** XS - 2XL

**Pack:** 12 pairs / packet, 144 pairs / carton

**Part Number: P4003**



### Ninja HPT™ Foam

- 15-gauge Fashion Grade Nylon shell for increased comfort
- Proprietary HPT™ (Hydropellent Technology™) Coating HTP™ process creates a spongy, soft, durable, flexible coating that repels liquids to provide a firm wet or dry grip
- Encapsulated air molecule provide an inherent vibration absorption feature
- Treated with Actifresh® to kill bacteria and promote freshness

#### Recommended Use:

- Shipping and warehousing
- Plumbing
- Materials handling and assembly
- Excellent general purpose work gloves

**Sizes:** XS - 2XL

**Pack:** 12 pairs / packet, 144 pairs / carton

**Part Number: P4001**

Also available - Ninja - P4002 • 3/4 Dip Nylon / Lycra shell, Sizes XS - 2XL



### Ninja Flex

- 15-gauge fashion grade nylon shell
- Ultralight weight natural rubber Latex coating
- High density crinkle coating provides a powerful grip and superb flexibility, softness and durability
- Component materials comply with all relevant federal regulations for food contact
- Treated with Actifresh® to kill bacteria and promote freshness

#### Recommended Use:

- Recycling
- Shipping/receiving
- Agriculture
- Durable goods assembly

**Sizes:** S - 2XL

**Pack:** 12 pairs / packet, 144 pairs / carton

**Part Number: P214**



### Ninja HPT™ Hi Vis Foam

- 15-gauge Fashion Grade Nylon shell for increased comfort
- Proprietary HPT™ (Hydropellent Technology™) Coating HTP™ process creates a spongy, soft, durable, flexible coating that repels liquids to provide a firm wet or dry grip
- Encapsulated air molecules provide an inherent vibration absorption feature
- Treated with Actifresh® to kill bacteria

#### Recommended Use:

- Shipping and warehousing
- Plumbing
- Materials handling and assembly
- Excellent general purpose work gloves

**Sizes:** XS - 2XL

**Pack:** 12 pairs / packet, 144 pairs / carton

**Part Number: P4001HV**



### Ninja Flex Velcro

- Mechanic's style with velcro closure
- 15-gauge fashion grade nylon shell
- Ultralight weight natural rubber latex coating
- High density crinkle coating provides a powerful grip and superb flexibility, softness and durability
- Component materials comply with all relevant federal regulations for food contact
- Treated with Actifresh® to kill bacteria and promote freshness

#### Recommended Use:

- Recycling
- Shipping/receiving
- Agriculture
- Durable goods assembly

**Sizes:** S - 2XL

**Pack:** 12 pairs / packet, 144 pairs / carton

**Part Number: P214V**







## Ninja Total

- 10 gauge Dyneema/Synthetic Fibre Fibreglass Shell
- Tests have demonstrated that gloves made with Dyneema have up to 20 times more abrasion resistance than gloves made with Aramid-based (spun) yarns
- Blue nitrile coating provides high level cut resistance in dry or slightly oily conditions
- Minimal strike through reduces irritation and increases comfort levels
- CE/EN388 Cut Level 5, CPPT Cut Level 3:1400gm
- Treated with Actifresh to kill bacteria and promote freshness

### Recommended Use:

- Glass Handling
- Metal Fabrication
- Injection Moulding
- Automotive
- Ceramics

**Sizes:** XS - XXL

**Pack:** 12 pairs / packet, 144 pairs / carton



Part Number	Description
PNT10	Shallow Dip
PNT30	Full Dip



## Ninja NFT™

NFT™ Coatings developed through state of the art technology is yet another step ahead from conventional approach. This patented coating is a unique type of coating which provides Anti-slip characteristics through micro capillaries which draws oil and water away from the surface of the glove providing better grip while handling oily components. Why NFT™ is the best choice:

- Offers excellent, oil, wet and dry grip.
- Exposure of palm to liquids is minimized through layered process;
- Anti-slip characteristic provides barrier against accidents;
- Good abrasion resistance provides durability sense of security
- It offers protection against dermatitis
- Flexibility and Innocuousness:

NFT™ coating in different liners excels in flexibility and innocuousness. Light weight NFT™ allows for tremendous dexterity, flexibility and unhindered movement resulting in minimum hand fatigue, enhanced productivity and continuous satisfaction. The light weight NFT™ is conducive in productivity and ensures minimum strain. The heavy weight NFT™ can be used in heavier applications. Handling of mechanical equipment.

### • Anti-Slip:

Micro-capillaries action in NFT™ draw oil and water aside and thus frees up the palm surface of the glove for a solid grip. The spongy effect of multi layered coating enhances grip and provides maximum protection against slip. Superior dry and oil grip makes NFT™ an ideal choice for various applications.

### • Protection against Dermatitis:

Multi layered coating restricts oil penetration, avoids direct contact of oil with skin and ensures protection against contaminated surfaces, minimising the risks for dermatitis and irritation reactions.

### • NFT™ Durability:

Good abrasion resistance provides just the right durability. Compounded with the comfort and dexterity, NFT™ offers excellent innocuousness. It is the best choice in high productivity and fast paced operations.

### Recommended Use:

- Automotive
- Goods handling / transport
- Light fabrication
- Quality inspections
- Assembly and maintenance
- Handling mild abrasive surfaces

**Sizes:** XS - XXL

**Pack:** 12 pairs / packet, 144 pairs / carton

**Part Number:** PNFT



## Ninja Star

- Fully Coated, 27cm. Gauntlet, Dyneema®/ Synthetic Fibre Shell
- Tests have demonstrated that gloves made with Dyneema® have up to 20 times more abrasion resistance than gloves made with Aramid-based (spun) yarns
- Treated with to kill bacteria and promote freshness
- High density crinkle cut latex coating provides a powerful grip, and superb flexibility, softness and durability
- Offers reliable cut protection and liquid splash resistance for the hand/forearm

### Recommended Use:

- Agriculture and commercial fishing
- Sheet metal
- Glass handling

**Sizes:** S - XXL

**Pack:** 10 pairs / packet, 60 pairs / carton

Part Number	Description
PNSL330	CE Cut Level 3
PNSL350	CE Cut Level 5



## GLOVES - FREEZER



## Ninja Ice

- Two-layer insulated liner provides warmth with uncompromising flexibility
- Proprietary HPT™ (Hydropellent Technology™) Coating HPT™ process creates a spongy, soft, durable, flexible coating that repels liquids to provide a firm wet or dry grip
- Encapsulated air molecules provide an inherent vibration absorption feature
- Unique coating formulation remains soft and flexible in temperatures as low as -50°C/-58°F
- Treated with Actifresh® to kill bacteria and promote freshness

### Recommended Use:

- Cold storage
- Agriculture
- Outdoor Winter use
- Commercial fishing
- Construction/utilities

**Sizes:** M - 2XL

**Pack:** 12 pairs / packet, 144 pairs / carton

**Part Number:** P4004



## Ninja Ice Hi Vis

- Two-layer insulated liner provides warmth with uncompromising flexibility
- Hi-Vis yellow for excellent visibility
- Proprietary HPT™ (Hydropellent Technology™) Coating HPT™ process creates a spongy, soft, durable, flexible coating that repels liquids to provide a firm wet or dry grip
- Encapsulated air molecules provide an inherent vibration absorption feature
- Unique coating formulation remains soft and flexible in temperatures as low as -50°C/-58°F
- Treated with Actifresh® to kill bacteria and promote freshness

### Recommended Use:

- Cold storage
- Agriculture
- Outdoor Winter use
- Commercial fishing
- Construction/utilities

**Sizes:** M - 2XL

**Pack:** 12 pairs / packet, 144 pairs / carton

**Part Number:** P4004HV





# SAFETY & PROTECTION EQUIPMENT

## DSM DYNEEMA LICENSING PROGRAM



Industrial gloves made with Dyneema®, the world's strongest fibre, offer exceptional protection against cuts and abrasion, as well as light weight and comfort. In addition to enabling "gloves that don't feel like gloves," Dyneema® polyethylene fibres provide great flexibility and cost efficiency for end-users.

Through its licensing program for industrial glove suppliers, DSM Dyneema selects companies with proven production standards to work together on quality assurance, product promotion and communication efforts focusing on the benefits of the Dyneema® fibre. As part of the program, licensees' gloves with Dyneema® are tested by DSM Dyneema for resistance to abrasion and cuts. The Dyneema® label is applied to gloves that successfully pass these tests, letting end-users know that the design meets the strictest requirements for safety and performance.



### Ninja Silver - 513

- 13-gauge Dyneema®/Synthetic Fibre/Fibreglass Shell
- CE/EN 388 Cut Level 3
- Breathable / lint free

#### Recommended Use:

- Glass handling
- Automotive assembly
- Electronic and engineering works

**Sizes:** S - 2XL

**Pack:** 12 pairs / packet, 144 pairs / carton

**Part Number:** P513



- Sheet metal operations
- Injection moulding operations



### Ninja Silver Plus - 515

- 13-gauge Dyneema®/Synthetic Fibre/Fibreglass Shell
- Gray Polyurethane Coating conceals dirt and provides excellent dexterity
- CE/EN 388 Cut Level 5

#### Recommended Use:

- Lathe operations
- Auto chassis and trim work
- Metal grinding/filing
- Ceramics industry

**Sizes:** S - 2XL

**Pack:** 12 pairs / packet, 144 pairs / carton

**Part Number:** P515



### Ninja Pure

Pure™ is a silver based anti-microbial agent that guards against odours, discolouration and deterioration from microbial causes. Pure™ is incorporated into the synthetic fibres of these gloves.

- 13 gauge Dyneema® blended fabric
- Excellent cut resistance to CUT 5
- Food contact grade to EEC directive 85/572/EEC:1989
- Comes with its own cotton liner glove to be worn underneath for added comfort

• Sold as a single in own poly bag

#### Recommended Use:

- Meat packing and processing
- Trimming plastic extrusions
- Fishing industry
- Cleaning and cutting blades

**Sizes:** XS - 2XL

**Pack:** 12 singles / box, 12 boxes / carton



**12**

QUALITY BY THE DOZEN

### Saturn PU Coated Nylon

- Polyurethane coated nylon shell
- Anatomically designed for excellent dexterity
- Seamless lint free nylon liner
- Breathable PU coating
- Excellent wet and dry grip
- PU coating does not taint products being handled
- Abrasion and tear resistant
- Light weight

#### Recommended Use:

- General assembly / light engineering
- Pharmaceuticals
- Clean room assembly
- Computer products and CD handling
- Delicate precise operations
- Electronic industry
- Paint and panel shop operations

**Sizes:** S - 2XL

**Pack:** 12 singles / box, 144 boxes / carton

**Part Number:** P1261



**12**

QUALITY BY THE DOZEN

### P503 Dyneema® with PU Coating

Seamless Machine Knit Dyneema® Gloves with Black PU Palm Coating

#### Features

- Seamless 13 gauge construction
- Dyneema® and synthetic fibre shell
- Cut level 3 as per European Standards
- Shell colour: Ash
- Breathable / lint free
- Silicon free

#### Applications

- Glass handling
- Sheet metal operations
- Automotive assembly
- Injection molding operations
- Electronic and engineering works

**Sizes:** XS - XXL

**Pack:** 12 Pairs per Packet / 144 Pairs per Carton

**Part Number:** P503

**P503EXT - Extended Cuff**



Part Number	Description
A750B	Blue
A750W	White



## GLOVES - WELDING

**12**

 QUALITY BY  
THE DOZEN

### Gauntlet Lefties Welders

- 40cm green cowsplit
- Red half welts
- Self hemmed
- Full jersey sock lining
- Left hand only x 2

#### Recommended Use:

- High heat work
- Welding

**Pack:** 12 pairs / packet, 60 pairs / carton

**Part Number:** P039

**12**

 QUALITY BY  
THE DOZEN

### Gauntlet Red Welders

- 40cm red cowsplit
- DuPont kevlar® stitching
- Gold half welts
- Self hemmed
- Full jersey sock lining

#### Recommended Use:

- High heat work
- Welding
- Smelting/tapping work

**Pack:** 12 pairs / packet, 60 pairs / carton

**Part Number:** P036

**PRO SAFETY GEAR**  
prchoice.com.au  
SAFE AS.

### Black & Gold Glove

#### - Black Jack

- Good quality cow split leather for comfort and economy
- Lined and welted
- 406mm (16 inches) long for forearm protection
- Size: One size fits all
- Also available with header card - HCBGW16

**Product Code:** BGW16

**PRO SAFETY GEAR**  
prchoice.com.au  
SAFE AS.

### Blue & Gold Kevlar Glove

#### - Blue Heeler

- High quality blue cow split leather
- Kevlar stitched to withstand high temperatures for longer periods
- Lined and welted
- Reinforced palm and thumb for added durability
- 406mm long for forearm protection
- Size: One size fits all
- EN 388 (4143) EN 407 (6663)
- Also available with header card - HCKBW16Q

**Product Code:** KBW16E

**[E] ELLIOTT**

protecting you from harm

 SEWN WITH **KEVLAR®**

### Kevlar® Blue™ Welding Gloves

The original, the one and only Kevlar® Blue™.

- Superior quality, heavy duty protection
- Reinforced palm thumb and knuckle guard
- Length 406mm
- Selected 1st grade butt leather, fully lined
- Sewn in Kevlar® thread
- Wear seams welted for extra strength

**Product Code:** 300RKB

**[E] ELLIOTT**

protecting you from harm

 SEWN WITH **KEVLAR®**

### Big Red Welding Glove

The original, the one and only Big Red®.

- The gun welders glove
- Selected 1st grade butt leather
- Fully lined
- Sewn in Kevlar® thread
- Length 406mm
- Wear seams welted for extra strength

**Product Code:** 300FLWKT

**[E] ELLIOTT**

protecting you from harm

 SEWN WITH **KEVLAR®**

### Kevlar® Blue™ XT Welding Glove

- All the features of the famous Kevlar® Blue™ extended to a length of 680mm for heavy duty protection.

**Product Code:** 300RKBXT

**[E] ELLIOTT**

protecting you from harm

 SEWN WITH **KEVLAR®**

### Big Red® XT Welding Glove

- All the features of the famous Big Red® extended to a length of 680mm for serious protection.

**Product Code:** 300FLWKXTX




# SAFETY & PROTECTION EQUIPMENT

**[E] ELLIOTT**

protecting you from harm

SEWN WITH **KEVLAR**

## WAKATAC® Welding Glove

- Long wearing heavy duty glove
- Selected leather
- Fully lined
- Sewn in Kevlar® thread
- Length 406mm
- Wear seams welted for extra strength

Product Code: 300WAK



**[E] ELLIOTT**

protecting you from harm

## Lefties® Welding Glove

The original the one and only "Lefties®", two left handed welding gloves.

- Fully lined
- Length 406mm
- Wear seams welted for extra strength

Product Code: 4062LHO



**[E] ELLIOTT**

protecting you from harm

SEWN WITH **KEVLAR**

## Tig Mate® Welding Glove

The sure-touch TIG welders glove.

- Extra snug fit
- Kevlar® sewn
- Three sizes: S, M & L
- Length 280mm

Product Code: TIG11 (size)



## GLOVE SAVERS

**[E] ELLIOTT**

protecting you from harm

## Glove Savers

- Chrome leather palm and thumb
- Aluminised back

Product Codes: AGS4L (left)  
AGS5L (right)



## HARD HATS & ACCESSORIES

**TUFFGARD**

### Tuffgard Hard Hat

- The modern design of the attachment slot allows the TUFFGARD Helmet to accept most general 25mm and 30mm accessories (cap attachable earmuffs, visor holder, etc.)
- Available in A.B.S.(Vented and Non-Vented) also available Polycarbonate TG60 High Temp Cap.
- Extra strong and robust yet light weight, ideal for all working conditions.
- Adjustable 6 point webbed harness or poly cradle.
- Rain guard with reinforced peak.
- Miners Helmet available, with metal or plastic lamp bracket.
- Wide colour range – with logo printing available in 8 locations.
- Full Standards approval.
- Miners helmet available with metal or plastic lamp bracket



6 Point Webbing Harness



6 Point Poly Cradle



Part Number	Description	
TG56	Non-vented	6 point web suspension
TG57	Vented	6 point web suspension
TG58	Non-Vented	6 point poly-cradle suspension
TG59	Vented	6 point poly-cradle suspension

**[E] E-COOL**  
elliottaustralia.com

### Hard Hat Insert

- Blue insert fits inside hard hat to keep your head cool

Product Code: EC120



**[E] ELLIOTT**

protecting you from harm

### Safety Cap Wide Brim

- Includes neck flap
- Easily attaches to most safety caps
- Colours available – blue, green orange and yellow

Product Code: EHC740 (colour)



**PRO SAFETY GEAR**  
SAFE AS.

### Vented Hard Hats

- Individually packaged
- 6 point harness
- Lightweight
- Available in white, yellow, red, blue, green, orange and fluo yellow (colours can be assigned to location, job or industry)
- Air vents and cotton sweatband prevents perspiration build-up
- Extended peak for added protection and an edge gutter to catch and deflect rain

Product Code: HHV6





## HEIGHT FALL ARRESTORS



### Falcon Fall Arrest Blocks

Designed to withstand the harsh rigours of the toughest applications.

- Unique side pay out design reduces entry guide and cable wear.
- "No annual factory re-certification" lowers costs and downtime.
- Load indicating hook identifies unit removal from service.
- Lightweight smooth composite housing increases durability.

Part No.	Description
1011742	Falcon 10m galvanised wire
1012261	Falcon 10m stainless steel wire
1016794	Falcon 6m webbing with scaffold hook



### Turbolite Fall Arrestor

Small, light and compliant retractable Fall Arrest Block, arresting a fall within millimetres.

- Retractable technology prevents trip hazards while built in swivel prevents lifeline twisting.
- It provides 2m working capacity lifeline.
- Extremely compact and lightweight with strong, impact resistant nylon housing.

Part No.	Description
MFL-1/2M-AUS	2m steel twistlock karabiner and 19mm snap hook
MFL-2/2M-AUS	2m steel twistlock karabiner and scaffold hook
MFL-12/2M-AUS	2m alu twistlock karabiner and scaffold hook
MFL-13/2M-AUS	2m TAK karabiner each end
1017900	2m alu twistlock karabiner and alu snap hook
MFLB	Twin Turbolite D-Ring connector bracket



### Scorpion Fall Arrest Blocks

Lightweight compact type 2 fall arrestor with quick activating retractable webbing.

- Limits free falls and offers greater mobility
- An affordable alternative to standard energy absorbing lanyards.
- Small and lightweight design.
- Visual load indicating hook shows when unit has taken a fall.
- 2.7m of webbing working capacity.

Part No.	Description
1008587	Scorpion fall arrestor with swivel hook
1016840	Scorpion w Steel Screwgate Karabiner & Snap Hook
1016841	Scorpion w Alu Screwgate Karabiner & Scaff Hook
PFL2.5M-11/AUS	Scorpion fall arrestor with TAK



## HEIGHT SAFETY CONSTRUCTION KIT



### Construction Height Safety Kit

Kit Components:

- BH01120 Harness
- BL01112 S/A Lanyard
- BFK08 140mm Manulink

Part Number: BK072000



## HEIGHT SAFETY DOUBLE ACTION HOOKS



### Aluminium Scaffold Hooks

To comply with the requirements of AS/NZS1891.1 all hooks and karabiners used within height safety systems must have the following features:

- Be self closing
- Requires two deliberate actions to open
- Be rated in excess of 20kN

#### Double Action Hook

- With safety guard to prevent accidental opening of second action
- Minimum breaking load 23kN
- Gate Opening: 19mm

Part Number: BSM0007



#### Alloy Double Action Hook

- With safety guard to prevent accidental opening of second action
- Rated to 22.5kN
- Gate Opening: 20mm

Part Number: BSM0007A





# SAFETY & PROTECTION EQUIPMENT

## HEIGHT SAFETY HARNESS



All B-Safe Harnesses are designed and manufactured to exceed the requirements of AS/NZS 1891.1 2007. Utilising only the finest components we have forged a hard earned reputation for the design, manufacture and supply of superior fall prevention and rescue equipment.

Beaver Brands have a broad range of Harnesses designed with the requirements of an end user in mind, allowing for maximum comfort and to ensure an even distribution of fall arrest forces.

Prior to the final inspection each product is individually proof loaded to 7.5KN (750Kg) to verify the integrity of the construction and configuration. All metal hardware used on B-Safe products are batch numbered, tested and fully traceable. It is this attention to detail that allows B-Safe to provide peace of mind to our valued clients.

Beaver Brands produces a wide range of specialty harnesses for a wide range of applications. For your convenience we icons have been derived, to readily identify each harnesses' attachment points and its applications.

**1**

FREE FALL  
ARREST

**2**

RETRIEVAL  
CONFINED SPACES

**3**

RESTRAINED FALL  
POLE STRAP



RESCUE



ROOFING



SCAFFOLDING  
& RIGGING



CONSTRUCTION  
& MAINTENANCE



ELECTRICAL  
UTILITIES



ELEVATED  
WORK PLATFORM



LADDER  
CLIMBING



TREE  
SURGEON



TOWER  
HARNESS



ABSEILING



### Full Body Harness c/w Rear & Front Fall

#### Features

- Lightweight and comfortable.
- Rear attachment point.
- Front attachment points.
- Fully adjustable leg, shoulder and chest straps.

#### Applications and Usage

- Fall Arrest – Use in conjunction with an energy absorbing lanyard or inertia reel device attached to the Front Loops or rear Dee ring.
- Restraint Technique – Use in conjunction with an energy absorbing lanyard to rear Dee ring or front loops to limit access to fall situations.
- Recovery & Rescue – Using both front loops connected together.



**1**



Part Number: BH01120





## **B-Safe**

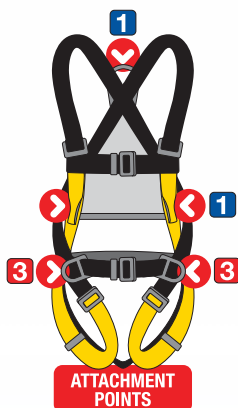
### Full Body Harness BH01120 c/w Rear & Front Fall

#### Features

- Lightweight and comfortable.
- Front and rear attachment points.
- Side 'Dee' for work positioning.
- Fully adjustable leg, shoulder, chest and waist straps.

#### Applications and Usage

- Fall Arrest – Use in conjunction with an energy absorbing lanyard or inertia reel device attached to the Front Loops or rear Dee ring.
- Restraint Technique – Use in conjunction with an energy absorbing lanyard to rear Dee ring or front loops to limit access to fall situations.
- Work Positioning – Side Dees for use with a Pole Strap.
- Recovery & Rescue – Using both front loops connected together.



Part Number: BH01121



## **B-Safe**

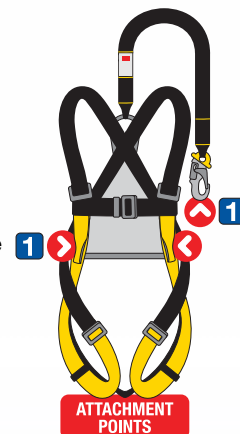
### Full Body Harness BH01120 c/w Integ BL01

#### Features

- Lightweight and comfortable.
- Comes complete with 2m web energy absorbing lanyard permanently attached to the rear 'Dee' ring.
- Front attachment loops.
- Fully adjustable leg, shoulder and chest straps.

#### Applications and Usage

- Fall Arrest – Using the integrated energy absorbing lanyard on the rear Dee, an inertia reel device attached to the rear Dee or front loops or a separate lanyard attached to the front loops.
- Restraint Technique – Use in conjunction with an energy absorbing lanyard to rear Dee ring or front loops to limit access to fall situations.
- Recovery & Rescue – Using both front loops connected together.
- Integrated Lanyard available with Scaffold Hook (BH01152)



Part Number: BH01151



# SAFETY & PROTECTION EQUIPMENT

**B-Safe**

## Full Body Harness c/w Rear & Front Fall

### Features

- Lightweight and comfortable.
- Rear attachment 'Dee' ring with extension strap and load indicator.
- Front and rear fall arrest attachment points.
- Confined Space recovery loops on tops of shoulder.
- Fully adjustable leg, shoulder and chest straps.

### Applications and Usage

- Fall Arrest – Use in conjunction with an energy absorbing lanyard or inertia reel device attached to the Front Loops, rear extension or rear Dee ring.
- Restraint Technique – Use in conjunction with an energy absorbing lanyard to rear Dee ring rear extension or front loops to limit access to fall situations.
- Recovery & Rescue – Using both front loops connected together.
- Confined Space – Rescue and recovery.



Part Number: BH02020



**B-Safe**

## Full Body Harness BH02020 c/w Front & Rear Fall

### Features

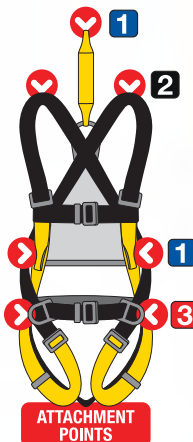
- Lightweight and comfortable.
- Rear attachment 'Dee' ring with extension strap and load indicator. Front fall arrest loops.
- Confined Space recovery loops on tops of shoulder.
- Side 'Dee's for work positioning.
- Fully adjustable leg, shoulder, chest and waist straps.

### Applications and Usage

- Fall Arrest – Use in conjunction with an energy absorbing lanyard or inertia reel device attached to the Front Loops, rear extension or Dee ring.
- Restraint Technique – Use in conjunction with an energy absorbing lanyard to rear Dee ring, rear extension or front loops to limit access to fall situations.
- Work Positioning – via side Dee's using a pole strap.
- Confined Space – Rescue & recovery.
- Recovery & rescue – Using both front loops connected together.



Part Number: BH02030







## **B-Safe**

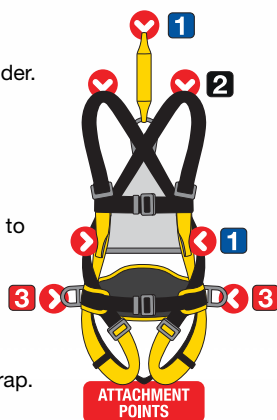
### Full Body Harness c/w Rear & Front Fall

#### Features

- Lightweight and comfortable.
- Rear attachment 'Dee' ring with extension strap and load indicator.
- Confined Space recovery loops on tops of shoulder.
- Side 'Dee's for work positioning.
- Large back pad for user comfort and support.
- Fully adjustable leg, shoulder and chest straps.

#### Applications and Usage

- Fall Arrest – Use in conjunction with an energy absorbing lanyard or inertia reel device attached to the Front Loops, rear extension or rear Dee ring.
- Restraint Technique – Use in conjunction with an energy absorbing lanyard to rear Dee ring, rear extension or front loops to limit access to fall situations.
- Work Positioning – via side Dees using a pole strap.
- Confined Space – Rescue & recovery.
- Rescue & Recovery – Using both front loops connected together



Part Number: BH02030PAD



## **B-Safe**

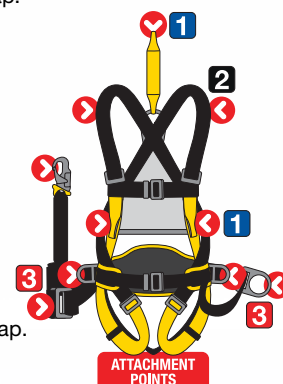
### Full Body Harness BH02020 c/w Front & Rear Fall

#### Features

- Features
- Built in padded back support.
- 2.5m pole strap.
- Built in bum strap.
- Rear 'Dee' ring rear connection on extension strap.
- Side 'Dee' rings for attachment devices.
- Fully adjustable leg, shoulder, waist and chest straps.

#### Applications and Usage

- Fall Arrest – Use in conjunction with an energy absorbing lanyard or inertia reel device attached to the Front Loops, rear extension or rear Dee ring.
- Restraint Technique – Use in conjunction with an energy absorbing lanyard to rear Dee ring, rear extension or front loops to limit access to fall situations.
- Work Positioning – via side Dees using a pole strap.
- Confined Space – Rescue & recovery.
- Recovery & Rescue – Using both front loops connected together



Part Number: BH04050



# SAFETY & PROTECTION EQUIPMENT

**B-Safe**

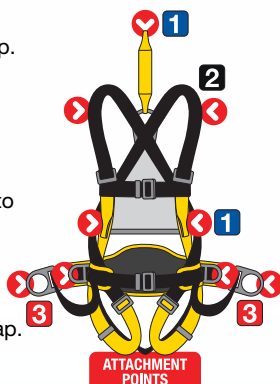
## Linesmans Harness c/w Rear Ext and Padded

### Features

- Built in padded back support.
- Built in bum strap.
- Rear 'Dee' ring rear connection on extension strap.
- Side 'Dee' rings for attachment devices.
- Fully adjustable leg, shoulder, waist and chest straps.

### Applications and Usage

- Fall Arrest – Use in conjunction with an energy absorbing lanyard or inertia reel device attached to the Front Loops, rear Dee ring or rear extension.
- Restraint Technique – Use in conjunction with an energy absorbing lanyard to rear Dee ring or front loops to limit access to fall situations.
- Work Positioning – via side Dees using a pole strap.
- Confined Space – Rescue & recovery.
- Recovery & Rescue – Using both front loops connected together



Part Number: BH04055



**B-Safe**

## Harness Trauma Straps

The Suspension Trauma Strap is only to be used in conjunction with a full body harness and is developed to extend the amount of time a person can be suspended after a fall.

Seek medical attention after a suspension, do not lie in a horizontal position, keep person in vertical position where possible.

Using any form of Fall Prevention equipment requires a clear understanding of the equipment, recommended uses and limitations that are part of any Life Saving equipment. Refer to AS/NZS 1891.4 which gives guidelines to understand Fall Prevention systems and guidance to the correct selection of equipment.

Part Number: BA00024

**MILLER**  
by SPERIAN

## Duraflex Maintenance Harness

Vest style design, DuraFlex webbing harness for working at height and in confined spaces.

- Frontal fall arrest attachment point, rear and extended dorsal dee.
- Easy to don with fully adjustable chest, shoulder and leg straps.
- Label pack stores all relevant harness documents.
- Lanyard ring located on label pack for temporary lanyard parking.
- Brightly coloured webbing for high visibility.



Part No.	Description
M1020073	Duraflex Maintenance Harness

**MILLER**  
by SPERIAN

## Welder's Harness

For use where hot sparks or molten materials may come in contact with the harness.

- 100% Kevlar® webbing enhances strength and provides resistance to high temperatures.
- Frontal and rear fall arrest attachment points.
- Label pack with lanyard parking ring stores harness documents.



Part No.	Description
M1020102	KMAX.3 Basic Welder's Harness





## Contractor Value Plus Harness

Vest style design, polyester webbing fall arrest harness with integrated lanyard for working at height.

- Frontal fall arrest attachment point and rear dorsal dee.
- Integrated 2m shock absorbing lanyard.
- Easy to don with fully adjustable chest, shoulder and leg straps.
- Label pack with lanyard parking ring stores harness documents.



Part No.	Description
M1020064	Contractor Value Plus Harness

## HEIGHT SAFETY HORIZONTAL - TEMPORARY



### Webbing Temporary Life Lines

An easily installed 20m webbing temporary lifeline provides the operator the benefit of horizontal mobility. The UV stabilised heavy duty webbing is tensioned by a ratchet, with any spare webbing stored in the attached carry bag. Lightweight, easy to handle and its versatility make the B-Safe Temporarily Horizontal lifeline ideal for general construction, maintenance and contractors where the worksite is constantly evolving.

- Web Temp Life Line – Suitable for 1 person

Part Number: **BK040020**



### Rope Temporary Life Line Kit

A temporary horizontal rope lifeline provides the operator the benefit of horizontal mobility. Easily tensioned this rugged yet lightweight system is easy to install and suitable for general construction, maintenance and contractors where the work conditions may vary day to day.

- Rated for two (2) operators.\*

\* Conditions apply

Part No.	Description
BK030030	30m length, 3 strand 16mm polyester rope c/w tensioner, 2 x tie off adaptors and 4 x Karabiners (2 person)
BK030040	40m length, 3 strand 16mm polyester rope c/w tensioner, 2 x tie off adaptors and 4 x Karabiners (2 person)
BK030050	50m length, 3 strand 16mm polyester rope c/w tensioner, 2 x tie off adaptors and 4 x Karabiners (2 person)

## HEIGHT SAFETY KARABINER



### Aluminium Scaffold Hooks

To comply with the requirements of AS/NZS1891.1 all hooks and karabiners used within height safety systems must have the following features:

- Be self closing
- Requires two deliberate actions to open
- Be rated in excess of 20kN

#### Alloy Triplelock Karabiner

- Rated to 30kN
- Gate Opening: 27mm

Part Number: **BSK0013**



### Alloy Screwgate Karabiner

- Rated to 27kN
- Gate Opening: 23mm

Part Number: **BSK0012**



### Alloy Screwgate Karabiner

- Rated to 30kN
- Gate Opening: 22mm

Part Number: **BSK0011**



### Steel Triplelock Karabiner

- Rated to 50kN
- Gate Opening: 27mm
- Also available in stainless steel

Part Number: **BSK0006**



### Steel Screwgate Karabiner

- Rated to 42kN
- Gate Opening: 26mm

Part Number: **BSK0005**



### Steel Triple-lock Karabiner c/w Retaining Pin

- Minimum breaking load 35kN

Part Number: **BSK0002TC**





# SAFETY & PROTECTION EQUIPMENT



## Screwgate Steel Karabiner

- Minimum breaking load 23kN
- Gate opening: 16mm

Part Number: BSK0001



## HEIGHT SAFETY LANYARDS



## Webbing Lanyards

Energy Absorbing Lanyards are tested to AS/NZS1891.1 2007 and are proven to reduce forces in a free fall arrest situation to below 6kN. Available in various lengths and different configurations to suit various applications. (Available in webbing, rope and PVC coated wire.)



BL01112

## Webbing Lanyards

Part No.	Material	Length	Attachment Hardware
BL01112	45mm Polyester Webbing	2.0m	2x BSM0007 Snap Hook
BL01111.5	45mm Polyester Webbing	1.5m	2x BSM0007 Snap Hook
BL01111.2	45mm Polyester Webbing	1.2m	2x BSM0007 Snap Hook
BL01111	45mm Polyester Webbing	1.0m	2x BSM0007 Snap Hook
BL01122	45mm Polyester Webbing	2.0m	1x BSM0007 Snap Hook 1x BSM0008 Scaffold Hook
BL011121.5	45mm Polyester Webbing	1.5m	1x BSM0007 Snap Hook 1x BSM0008 Scaffold Hook
BL01332	45mm Polyester Webbing	2.0m	2x BSK0001 Karabiner
BL01331.5	45mm Polyester Webbing	1.5m	2x BSK0001 Karabiner
BL01331.2	45mm Polyester Webbing	1.2m	2x BSK0001 Karabiner



## Rope Lanyards

Part No.	Material	Length	Attachment Hardware
BL02112	11mm Kermantle Rope	2.0m	2x BSM0007 Snap Hook
BL02111.5	11mm Kermantle Rope	1.5m	2x BSM0007 Snap Hook
BL02111.2	11mm Kermantle Rope	1.2m	2x BSM0007 Snap Hook
BL02122	11mm Kermantle Rope	2.0m	1x BSM0007 Snap Hook 1x BSM0008 Scaffold Hook
BL02121.5	11mm Kermantle Rope	1.5m	1x BSM0007 Snap Hook 1x BSM0008 Scaffold Hook
BL02332	11mm Kermantle Rope	2.0m	2x BSK0001 Karabiner
BL02331.2	11mm Kermantle Rope	1.2m	2x BSK0001 Karabiner



## Webbing & Elasticised Lanyards

Twin lanyard permits the user to move around to different anchoring points being attached at all times. All the rules regarding the use of energy absorbing lanyards must be maintained. (Available in webbing, rope & PVC coated wire) B-Safe also provides a range of lanyards fitted with triple action karabiners.

Part No.	Webbing Lanyards - Twin Leg
BL04222	2m Webbing Twin Access Energy Absorbing Lanyard c/w BSM0007 & 2 x BSM0008
	Elasticised Lanyards - Twin Leg
BL07222	2m Elasticised Twin Access Lanyard c/w BSM0007 & 2 x BSM0008



## Retracting Web Lanyard

B-Safe self retracting lanyard allows mobility up to 2.5 metres. Features a webbing guide to prevent twisting and a tough, impact resistant plastic case. Comes complete with 2 karabiners, and an integral energy absorber.

Also available with BSK0002TC Triple action karabiner

- 2.5m Retracting Lanyard c/w Oval Double action karabiner each ends

Part Number: BL05332.5



## Stretchstop Lanyard

A unique stretchable lanyard design that minimises the length of the lanyard preventing tripping or snagging.

- Elastic inner core contains the unextended length of webbing.
- Outer load bearing tubular polyester webbing.
- Reliable visual inspection if a fall has been taken.

Part No.	Description
STRETCHSTOP	Lanyard 2m with 19mm hooks each end
L12SEC2.0	Stretchstop Lanyard with 64mm and 19mm hook



## Tie Back Webbing Lanyard

Revolutionary hook allowing the lanyard to tie back onto itself.

- Tie back hooks will withstand forces of up to 22kN at any angle.
- Provides greater flexibility on site with less set up time.
- Easier and faster inspection.

Part No.	Description
L11WEC2.0	Webbing Lanyard



## Plastic Coated Wire Lanyard

Strength, reliability and safety

- 11mm plastic coated galvanised wire.
- Integral compact energy absorber.
- 19mm double acting hooks each end.

Part No.	Description
L11PEC2.0	Plastic Coated Wire Lanyard



## HEIGHT SAFETY POLE STRAPS



### Pole Straps

Pole Straps are traditionally used by power workers when locating themselves on a power or telephone pole or Tower so that they can work hands free and be retained safely in the work area.

The pole strap is designed to fully restrain the user so that there is no chance of any free fall component in the system. They are used by attaching to either side of a harness at the waist belt and going around the pole over a cross brace so that they cannot slide down.

This then permits the user to work in a safe and retained location.

Part No.	Description
BP02111.5	1.5m Pole strap, wear sleeve, double action hooks, adjustable
BP02112	2m Pole strap, wear sleeve, double action hooks, adjustable
BP02112.5	2.5m Pole strap, wear sleeve, double action hooks, adjustable
BP02113	3m Pole strap, wear sleeve, double action hooks, adjustable
BP02113.5	3.5m Pole strap, wear sleeve

## HEIGHT SAFETY ROOF ANCHOR KITS



### B-Safe 316 Grade Stainless Steel Points

Rated at 22kN B-Safe anchor points are designed as permanent purlin mounted anchors. Affording quick and easy installation, B-Safe Anchors are suitable for commercial, industrial and residential applications. It is important to ensure the structure, to which any anchor is installed, has sufficient strength (refer AS/NZS1891.4) to sustain any applied load.



### Low Profile Anchor Bolt - Corrugated

- Suitable for corrugate profiles

Part Number: BSC5006OLP



### Standard Profile Anchor Bolt - Corrugated

- Suitable for corrugate profiles

Part Number: BSC5006O



### Low Profile Anchor Bolt - Flat Pan

- Suitable for large flat pan roof profiles

Part Number: BSC5006MRLP



### Standard Profile Anchor Bolt - Flat Pan

- Suitable for large flat pan roof profiles

Part Number: BSC5006MR



### Low Profile Anchor Bolt - Long Span

- Suitable for long span profiles

Part Number: BSC5006LSLP



### Fall Eyebolt - Long Span

- Suitable for long span profiles

Part Number: BSC5006LS

## HEIGHT SAFETY ROOFERS KIT



### Roofers Kit

For use in all domestic and commercial roof working applications

- 15m rope
- Manual rope grab
- 2m energy absorbing lanyard
- Tie off equipment
- Full body harness
- Carry bag

Part Number: BK061015



# SAFETY & PROTECTION EQUIPMENT



## Contractor Roof Worker Harness

Contains all the equipment needed for roof work, packed into a carry bag.

- The kit contains the M1020002 two point fall arrest harness,
- 15m anchorage line with type 1 fall arrest device, and a webbing tie-off adaptor all packed into a convenient carry bag.
- Suited to roof working applications.
- Easy to carry from site to site.



Part No.	Description
M1070004	Contractor Roof Workers Kit

## HEIGHT SAFETY SCAFFOLD HOOKS



### Aluminium Scaffold Hooks

To comply with the requirements of AS/NZS1891.1 all hooks and karabiners used within height safety systems must have the following features:

- Be self closing
- Requires two deliberate actions to open
- Be rated in excess of 20kN



#### Steel Double Action Scaffold Hook

- Minimum breaking load 23kN
- Gate Opening: 55mm

Part Number: BSM0008

#### Steel Twist Lock Scaffold Hook

- Karabiner
- Rated to 22kN
- Gate Opening: 56mm

Part Number: BSK0015

## KNEE PROTECTORS



### Knee Protectors

- Acid, oil and heat resistant face, easy to adjust straps, removable inserts
- Highest level of mobility with adequate knee protection. Lightweight, low profile to lessen catching and fatigue
- Top and bottom straps to keep the kneepad securely against the leg
- Stabiliser insert offers a higher level of comfort and impact protection



Material No.	Description
LKPF	Orange/Hi-Viz
LKPN	Navy/Blue

## LABELLING - PRINTERS & ACCESSORIES



### GlobalMark™ Industrial Sign and Label Printer

One of the key advantages of GlobalMark™ is that it can be used either connected to your PC or standalone. Unique legends, pipe markers, safety signs, equipment tags, labels, fire and rescue directional and information layouts are all built-in.

Choose between two GlobalMark™ models that print in either one colour, multiple spot colours or blended colours. One model can even cut out images and individual letters. You can also download your logo to the GlobalMark™. Brady offers Markware Facility software, you can import and print full colour images, including photographs, logos, custom templates and more.

- For more information contact your ISG representative.

Part Number	Description
76801	GlobalMark™ Colour & Cut System
76800	GlobalMark™ Multicolour System
76802	GlobalMark™ Carry Case
76804	GlobalMark™ USB Cable
20700	Markware™ Facility Identification Software



### BMP™71 Label Printer

The best features and functionalities of Brady's portable label printers are now combined into one easy-to-use, top-of-the-line portable thermal transfer printer - Brady's NEW BMP™71 printer can do it all!

With a full colour screen, storage space for over 100,000 files and PC design software options, the BMP™71 is the one way to faster, easier custom label printing.

- For more information contact your ISG representative.

Part Number	Description
872044	BMP™71 Label Printer with Markware Software
115158	BMP™71 Label Printer with LabelMark Software
871843	BMP™71 AC Adaptor
114885	BMP™71 Battery Pack
103788	BMP™71 USB Cable
114886	BMP™71 Cleaning Kit
114881	BMP™71 Hardcase
871844	BMP™71 Quick Charger
114882	BMP™71 Softcase



## LIGHTING - SAFETY AERIAL



### VS Aerial

Sturdy fibreglass flexible whip aerial with zinc plate sprung base, quick release coupling, LED Top Light and double sided reflective flag available in 1.2m, 1.8m, and 2.3m lengths.

Part Number	Description
<b>VS Aerial 1.2M</b>	1.2 metre VS Aerial with Reflective Flag
<b>VS Aerial 1.8M</b>	1.8 metre VS Aerial with Reflective Flag
<b>VS Aerial 2.3M</b>	2.3 metre VS Aerial with Reflective Flag



## LIGHTING - LED SAFETY BEACON



### ACOT500 Small LED Beacon

Selectable flash patterns including double, triple or quad. Available in Hard Wire or Magnetic Base. 12-24VDC. Dimensions: H95mm W129mm. Colours: Amber, Red, Blue, Green or White.

Part Number	Description
<b>AL1200AB</b>	Small LED Beacon 12-24V Hard Wire in Amber
<b>AL1200ABM</b>	Small LED Beacon 12-24V Magnetic Base in Amber
<b>AL1200RB</b>	Small LED Beacon 12-24V Hard Wire in Red
<b>AL1200RBM</b>	Small LED Beacon 12-24V Magnetic Base in Red



## LIGHTING - ROTATING SAFETY BEACONS



### Rotary Beacon 190

This light meets all the standards for a Rotary Beacon and is available in 12VDC, 24VDC and 240VAC. Options include Hard Wire or Mag Base/Cig lighter. Colours: Amber, Red or Blue. Dimensions: H215mm x150mm.

Part Number	Description
<b>DL190A-12V</b>	Rotary Beacon Magnetic Base. 12 Volts in Amber
<b>DL190A-24V</b>	Rotary Beacon Magnetic Base. 24 Volts in Amber
<b>RB190A-12V</b>	Rotary Beacon Hard Wire. 12 Volts in Amber
<b>RB190A-24V</b>	Rotary Beacon Hard Wire. 24 Volts in Amber



### Tear Drop Rotating Light 210

A low profile Rotary Beacon available with a Mag Base / Cig Lighter adapter. 12VDC with a flash rate of 140 FPM. Dimensions: Height - 145mm, Width - 140mm, Length - 205mm.

Part Number	Description
<b>DL210A</b>	12V rotating light Magnetic Base in Amber
<b>DL210R</b>	12V rotating light Magnetic Base in Red



### Double Revolving Light LB22

Designed for extra visibility, this light is available in Hard Wire or Magnetic Base. It has a flash rate of 90 FPM. Dimensions: Height - 400mm, Width - 178mm, Length - 135mm

Part Number	Description
<b>LB22A-12V</b>	Double Revolving Light Hard Wire. 12V in Amber
<b>LB22MA-12V</b>	Double Revolving Light Magnetic Base. 12V in Amber



## LIGHTING - STROBE SAFETY BEACONS



### ACOT500 Small Strobe Beacon

Available in single, double or triple flash. 12-80VDC. Options include Hard Wire or Magnetic Base. Dimensions: Hard Wire Height - 95mm, Width - 129mm.

Part Number	Description
<b>AS1211AB</b>	12-80V Single Flash Hardwire in Amber
<b>AS1211ABM</b>	12-80V Single Flash Magnetic Base in Amber
<b>AS1221AB</b>	12-80V Double Flash Hardwire in Amber
<b>AS1221ABM</b>	12-80V Double Flash Magnetic Base in Amber



### ACOT500 Large LED Beacon

Selectable flash patterns including rotating. Available in Hard Wire or Magnetic Base. 12-24VDC. Dimensions: Height - 127mm, Width - 161mm. Colours: Amber, Red, Blue, Green or White.

Part Number	Description
<b>AL3000AB</b>	Large LED Beacon 12-24V Hard Wire in Amber
<b>AL3000ABM</b>	Large LED Beacon 12-24V Magnetic Base in Amber
<b>AL3000RB</b>	Large LED Beacon 12-24V Hard Wire in Red
<b>AL3000RBM</b>	Large LED Beacon 12-24V Magnetic Base in Red





# SAFETY & PROTECTION EQUIPMENT

## LIGHTING - SAFETY



### Foxfire

Foxfire is a heavy duty, flashing magnetic backed portable signal light with 26 super-bright LED's. Each LED has a specially designed magnifier to increase light intensity. Uses 4AA batteries. Single colour also has constant on function.



Part Number	Description
<b>F262A</b>	Foxfire signal light containing 26 LED's in Amber
<b>F262R</b>	Foxfire signal light containing 26 LED's in Red
<b>F262RB</b>	Foxfire signal light containing 26 LED's in Red/Blue
<b>F262RW</b>	Foxfire signal light containing 26 LED's in Red/White



### Personal Safety Light

Visibility is the key to keeping personnel safe and damage to equipment at a minimum. This portable, battery operated LED light has a rear clip and comes in a kit with an armband and pole mounting bracket. Also available in White.



Part Number	Description
<b>PSLR</b>	6 Pattern Personal Safety Light in Red
<b>PSLA</b>	3 Pattern Personal Safety Light in Amber
<b>PSLG</b>	3 Pattern Personal Safety Light in Green
<b>PSLB</b>	2 Pattern Personal Safety Light in Blue w/out arm band.

## LIGHTING - TRAFFIC BATONS



### Traffic Baton TB411

Heavy duty red Traffic Baton with small, white LED torch at the end. This baton operates on 2 D batteries and has several different modes. Dimensions: Height - 45mm, Length - 400mm



Part Number	Description
<b>TB411T</b>	Red 2 Pattern Traffic Baton with white LED torch
<b>TB408RD</b>	Red 2 Pattern Traffic Baton runs on 2 C batteries
<b>TB408GN</b>	Green 2 Pattern Traffic Baton runs on 2 C batteries
<b>TB408RDGN</b>	Red/Green 3 Pattern Traffic Baton runs on 2 C batteries

## LOCKOUT - CABLE



### Cable Lockout Device

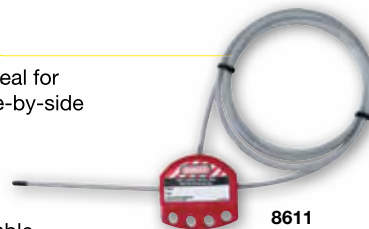
- Can be used to lockout multiple valves simultaneously
- Just as effective as chains without the added weight
- Comes with 1.8m cable
- Can be used for many other applications other than gate valves
- 2.4m and 3m cables available on request, contact your ISG Representative

Product Code: 65318



### Cable Lockouts

- Integrated safety hasp and cable is ideal for multiple circuit breaker panel and side-by-side gate valve lockouts.
- Tough lightweight thermoplastic body withstands chemicals and performs effectively in extreme conditions.
- Tough, flexible multi-stranded steel cable is insulated with a clear plastic coating.



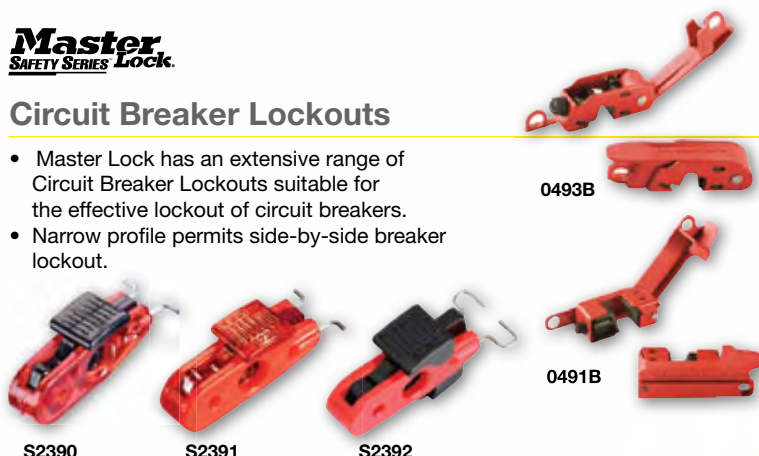
Part No.	Description
<b>S806</b>	Adjustable Cable Lockout 1.8m x 4mm
<b>8611</b>	Adjustable Cable Lockout 1.8m x 6mm
<b>8615</b>	Separate Cable 4.57m x 6mm

## LOCKOUT - CIRCUIT BREAKER



### Circuit Breaker Lockouts

- Master Lock has an extensive range of Circuit Breaker Lockouts suitable for the effective lockout of circuit breakers.
- Narrow profile permits side-by-side breaker lockout.



Part No.	Description
<b>0491B</b>	Grip Tight Circuit Breaker Lockout – Tall & Wide Toggles
<b>0493B</b>	Grip Tight Circuit Breaker Lockout – Standard Single & Double Toggles
<b>S2390</b>	Miniature Circuit Breaker Lockout <11mm
<b>S2391</b>	Miniature Circuit Breaker Lockout 11mm-13mm
<b>S2392</b>	Miniature Circuit Breaker Lockout Pin Inward

## LOCKOUT - GROUP LOCK BOXES



### Group Lock Box

- A practical solution for lockout of large equipment
- Heavy steel construction
- Available in two colours – Red and Blue
- Accepts up to 13 individual locks
- Measures at 250 x 100 x 250 (WxHxD)



Part Number	Colour	Part Number	Colour
<b>65699</b>	Red	<b>45190</b>	Blue



## LOCKOUT - HASP

**Master**  
SAFETY SERIES Lock.

### Safety Lockout Hasps

- Keeps equipment inoperative while repairs or maintenance is being undertaken.
- Designed for multiple worker lockout.



Part No.	Description	Padlock Capacity
0420	Steel Hasp Lockout 25mm Diameter Jaws	6
0421	Steel Hasp Lockout 38mm Diameter Jaws	6
0416	Aluminium Hasp Lockout 25mm Diameter Jaws	6
0417	Aluminium Hasp Lockout 38mm Diameter Jaws	6
0428	Hasp Lockout Nylon	6
S430	Hasp Lockout 4mm Shackle	6
S431	Hasp Lockout Stainless Steel	8

## LOCKOUT - PADLOCKS

**Master**  
SAFETY SERIES Lock.

### Lightweight Xenoy® Safety Lockout Padlocks

- Dedicated safety lock designed exclusively to be used in lockout/tagout applications.
- Tough, lightweight, dielectric Xenoy body withstands chemicals and performs effectively in extreme conditions.
- Available with dielectric nylon shackle, non-conductive, non-magnetic and non-corrosive (0406).
- Choice of 8 colours for easy lockout identification.
- Key-retaining ensures padlocks are not left unlocked.
- Laser engraving available.
- Eight Colour Options:  
Add Desired Colour Suffix: RED, ORJ, YLW, GRN, BLU, PRP, TEL, BLK



Part No.	Description	Shackle Opening Height	Shackle Dia.
0406RED	Xenoy® Safety Lockout Padlock Nylon Shackle - Red	38mm	6mm
0410RED	Xenoy® Safety Lockout Padlock - Red	38mm	6mm

**Master**  
SAFETY SERIES Lock.

### Laser Engraving

Prevent theft and wasted time searching for the right key or the assigned employee. You can permanently identify ownership and access rights on the padlocks themselves.

- Laser engraving permanently marks your lockout padlocks so that important information needed for your business is always visible to see.
- With a state of the art engraving cell established in Australia, Master Lock can now laser engrave your Safety Lockout padlocks within 5 working days.
- Laser engraving is the most efficient method of permanently marking your Safety Lockout padlocks.
- Company name to reduce lock theft.
- Key number to speed key selection and replacement.
- Employee name to quickly determine lock owner.
- Company logo to advertise your products and service.



**BRADY**  
WHEN PERFORMANCE MATTERS MOST™

### Brady Safety Plus Padlocks

- Corrosion and chemical resistant - suitable for use in harsh environments
- Spark-resistant, non-conductive body enhances safety in electrical applications
- 6-pin reserved-use cylinder delivers optimum security and tamper-proofing
- Size (mm): Body - 44 (h) x 38 (w) x 20 (d), Shackle - 38 (l) 6mm Dia.
- Custom keying, charting and engraving also available

Part Number	Colour	Part Number	Colour
850821	Red	850819	Orange
850816	Blue	850817	Black
850818	Green	853203	White
850820	Yellow	853204	Purple

**BRADY**  
WHEN PERFORMANCE MATTERS MOST™

### Brady Keyed Alike Padlock Pack

- 3 Keyed alike padlocks in one pack
- Supplied with "Danger Locked Out" labels and one key per padlock
- Unique keying numbers
- Option to add additional padlocks to the same keying system



Part Number	Colour	Part Number	Colour
853205	Red	853207	Blue
853206	Yellow	853208	Green

## LOCKOUT - STATION

**BRADY**  
WHEN PERFORMANCE MATTERS MOST™

### Valve & Electrical Lockout Station



- Ensure that lockout devices remain easily accessible and ready for use
- Stations come with an attachable handle for easy portability or can be permanently wall-mounted
- Lockable cover guards
- Station dimensions: 431 (h) x 431 (w) x 130 (d) mm

#### Kit Contents

- 1 x Ready Access Lockout
- 1 x All Purpose Cable Lockout
- 1 x 3-in-1 Plug Lockout
- 2 x 120/277V Clamp-On Breaker Lockouts with cleats
- 1 x 480/600V Clamp-On Breaker Lockouts with cleats
- 2 x Universal Multi-pole Breaker Lockout
- 2 x 25mm Group Lockout Hasps
- 1 x 35mm Group Lockout Hasps
- 6 x Keyed Differently Safety Padlocks or Steel Padlocks
- 6 x Heavy Duty, reusable Lockout Tags with Nylon Cable Ties
- 1 x Adjustable Gate Valve Lockout
- 1 x Ball Valve Lockout

Part Number	Description
105933	Valve & Electrical Lockout Station (No Padlocks)
105934	Station with 6 Safety Padlocks
105935	Station with 6 Steel Padlocks



# SAFETY & PROTECTION EQUIPMENT

## LOCKOUT - TAGS



### Brady Lockout Tags

- Tags have reinforcing brass grommets, large enough to accept most padlocks
- Tags can be easily personalised with names, department and completion information
- Made from heavy duty polyester with a protective laminate for durability



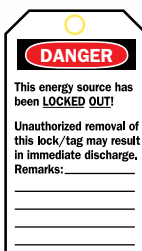
65502



65505



65520



Reverse Side

## LOCKOUT - VALVES



### Valve Lockouts

- Surrounds the valve operating handle to protect against accidental valve opening.
- Designed for multiple worker lockout.



0485

Part No.	Description
0480	Fits 25mm-76mm diameter valve handles
0481	Fits 50mm-127mm diameter valve handles
0482	Fits 101mm-165mm diameter valve handles
0483	Fits 152mm-254mm diameter valve handles
0484	Fits 203mm-330mm diameter valve handles
0485	Set Of 5 (0480-0484)



### Gate Valve Lockouts

- Made of durable, non-adherent plastic to resist chemicals and hot and cold temperatures
- Service temperature -29°C to 149°C
- Accepts all locks with up to 9.4mm shackle diameter and 19mm or greater vertical shackle clearance
- Other colours available on request, contact your ISG Representative



## NECK SUPPORT



### necprotech Neck Support

- Endorsed by Site Safe, the occupational health and safety authority for construction in New Zealand, necprotech has been proven to greatly reduce pain, strain and injury.
- Instant relief from neck pain while you work. The heavy weight of your head is fully supported, releasing the pressure from your neck and shoulder muscles so you can work in comfort.
- In the long term, it means you're reducing the risk of neck strain and long-term injury. You'll be more productive, and you're protecting your income.

Product Code: AHV330004900



## PICK UP REACHERS



### 100cm Nipper Reacher

Provides extra reach for disposal of littered items and safe collection of syringes or sharp objects

Part Number: SABC-W02100

## MPALL MALL

### Nifty Nabber and Trigger Nabber

**Nifty Nabber:** Innovative, multi-purpose tool excellent for picking up bottles and debris as well as cleaning urinals and retrieving items out-of-reach. It is the ideal extension to your arm. The Nifty Nabber is made of aluminium and features rubber, overmoulded steel fingers. Powerful claws grip small and odd-shaped objects.

**Trigger Nabbers** have a remarkably comfortable trigger grip with an effortless, smooth trigger-pull action. Very light to hold, with a lightweight yet most durable aluminium shaft, the unit is designed to reduce fatigue and make waist-high and overhead use easier.



Part No.	Valve Handle Diameter
65560	25mm to 63mm
65561	63mm to 125mm
65562	125mm to 162mm
65563	162mm to 250mm
65564	250mm to 330mm

Part Number	Description	Size
UNPTNN40	Nifty Nabber Short Handle	45cm
UNPTNN90	Nifty Nabber Long Handle	90cm
UNPTNN14	Nifty Nabber Long Handle	140cm
UNPTNN24	Nifty Nabber Extra Long Handle	240cm
UNPTNT09	Trigger Nabber	90cm



## RESPIRATOR - BACK PACK HOLDER

**NORTH**

### BP1002 Half Mask & Full Face Dual Filter Cartridge Adaptor

The back pack adaptor allows the user to locate cartridges and filters out of the work zone by placing them on the users back. The BP1002 is easily adaptable to all North half and full face respirators simply by attaching to the facepiece cartridge connectors. Ideal for tight or heated work places in welding operations.

Part No.	Description
AS365114	BP1002 Back Pack Adaptor



## RESPIRATOR - CARTRIDGES / FILTERS

**NORTH**

### 7600 / 7700 Filters and Cartridges to fit Norton – North respirators

- This range of filters and cartridges are suitable for all Norton and North Safety respirators
- Activated carbon filters for specific gases and vapours by adsorption process chemical-reaction
- Pad filters and cartridge filters for dry-dusts, wet-spray mists, hot smoke fumes by entrapment



Part No.	Description
<b>Chemical Gas and Vapour Cartridges</b>	
AS022330	7500-1 Organic Vapour Cartridge A1
AS022357	7500-3 Organic Vapours Acid Gases Cartridge A1B1E1 and Formaldehyde
AS022365	7500-4 Ammonia Cartridge K1
AS022438	7500-21 Pesticide and Herbicide Spray Filter - A1P2
AS337986	75SCA A1B1E1K1 Multi-Gas Cartridge HF and Formaldehyde
<b>Particulate Filters P2/P3</b>	
AS022403	7500-8 Highly Toxic Particulate Filter (Fine-Dust, Wet Spray-Mist and Hot Fume) P2 on Half-Face Masks or P3 on Full-Face Masks only
<b>Particulate Filters P2 Padfilter System</b>	
AS281026	7500-50 P2 Assembly includes: 7500-27 Padfilter-Cover 7506P2 Padfilter 7500-15 Padfilter-Base
AS135186	7500-27 Fit Check Filter Cover (for holding 7506P2 Padfilters onto Padfilter bases or Cartridges)
AS022411	7506P2 P2 Padfilters x 10
AS369543	7506P2 P2 Padfilters x 50
AS196770	7500-15 Male Holder Padfilter-Base
<b>Combination Filter Cartridge Vapours, Gases and Particulates (P3 rated only in Full Face Masks)</b>	
AS219207	7500-81 Organic Vapours and Highly Toxic Particulates Filter-Cartridge A1P3
AS219223	7500-83 Organic Vapours Acid Gases and Highly Toxic Particulates Filter-Cartridge A1B1E1P3
AS337994	75SCP100 A1B1E1K1P3 Multi-Gas and Highly Toxic Particulates Filter-Cartridge



### A1P2 Cartridge

- For use on Prochoice twin filter Half Mask
- A1P2 cartridges for gas/vapour and combination particulate/gas/vapour cartridge
- Combination Cartridge protects against dust and vapour fumes up to 1000pp
- Replaceable dust filter system
- Easy 'Lock-on system' to Prochoice Half Mask. Comes complete with a P2 Prochoice Filter and retainer caps
- AS/NZS 1716 Lic No 1508

**Product Code: PCA1P2**



### Survivair Filters and Cartridges

Filter cartridges are available to suit Sperian half face and full face masks, including Air Purifying Respirators, Powered Air Purifying Respirators and Supplied Air Respirator systems.

Part No.	Description
105000	P3 Filter to suit Survivair Masks
100800	Survivair A1B1E1K1 Multi Contaminant Filter

A large range of other filters and cartridges are also available.



## RESPIRATOR - DISPOSABLE



### 3M™ Particulate Respirator K101, P1

Protects against dust and mist. Flat fold design enables product to be easily stored when not in use. Diamond-shaped front allows respirator to maintain its shape in hot, humid environments.

**Part Number: K101**

Packaging: 20 respirators/bag



### 3M™ Particulate Respirator 8710, P1

P1 Filter, easy to fit. For mechanically generated particles, eg. grinding, sanding, crushing, sawing. The galvanised steel nose clip allows this respirator to be used in underground coal mines.

**Part Number: 8710**

Packaging: 20 respirators/box



### 3M™ Particulate Respirator 9913V, P1 with Nuisance Level Organic Vapour Relief

Type GP1, for mechanically generated particles, nuisance level organic vapours and Agricultural type chemicals (G) with low vapour pressures (<0.01mm Hg at 25°C) 3M™ Cool Flow™ Valve prevents heat and moisture build up, making breathing easier. The galvanised steel nose clip allows this respirator to be used in coal mines.

**Part Number: 9913V**

Packaging: 15 respirators/box





# SAFETY & PROTECTION EQUIPMENT



## Respirator P1

- P1 rating indicates suitability for protection against mechanically generated particles
- Coloured coded nose-piece and packaging for ease of identification
- Dual straps give firm and comfortable fit
- AS/NZS 1716 Lic 1508
- Quantity per box - 20, Quantity per carton - 20 boxes

Product Code: PC301



**NORTH**

## 1800 Dust/Mist Respirator (P1)

For use against mechanically generated dusts from sanding and grinding operations and mists of liquids under class P1 that do not produce harmful gases or vapours. Not suitable for any painting process.

Part Number	Description
AS360937	1800 Dust/Mist Disposable Respirator P1-20 per box



## Gerson Disposable Particulate Respirators Flat Fold Cup-Style Respirators (P1)

- Foldable for easy storage and portability contributing to fewer change outs and lower costs.
- Individually wrapped product with warnings/instructions printed on each package. Easy to carry spare masks in pockets etc.
- Available with Comfort Maxx Super exhalation valves in P1
- Greater inside surface area for low breathing resistance and consequently less fatigue and a cooler wear.

Part No.	Description
G086750W	20 x P1 Dust and Mist Mask Flat Fold Cup-Style Wrapped



## 5000 Series P1 Disposable Respirators

### P1 protection premium cup respirator.

- P1 premium cup shape nuisance odour respirator.
- Willtech® boomerang seal with brown nose bridge indicating relief from nuisance levels of organic vapours.
- Size XL available.
- Grinding, sanding, sweeping and dusty operations.



Part No.	Description
1007708	5141 P1 Premium Cup Shape Nuisance Odour Respirator with exhalation valve xl also available
1007705	5140 P1 Premium Cup Shape Nuisance Odour xl also available
1007693	5110 P1 Premium Cup Shape Dust Respirator, xl also available
1007696	5111 P1 Premium Cup Shape Dust Respirator with exhalation valve xl also available
1007691	5185 P1 Cup Shape Dust Respirator

**FRONTIER**

## P1 Dust/Mist Respirator

### Industrial Quality Disposable Respirator

- Lightweight disposable respirator
- Contour fit
- Easy breathing/speaking
- Clear vision
- Maintenance free
- Twin elastic headbands
- Adjustable nose bridge allows snug fit to a range of face shapes and sizes
- Comfortable foam nose seal

Packing: 20 per box, 240 per carton

Part Number. FR6710



**FRONTIER**

## P1 Dust/Mist Valved Respirator

### Industrial Quality Disposable Respirator

- **FAST/LOW** Valve
- Lightweight disposable respirator
- Contour fit
- Easy breathing/speaking
- Clear vision
- Maintenance free
- Twin elastic headbands
- Adjustable nose bridge allows snug fit to a range of face shapes and sizes
- Comfortable foam nose seal

Packing: 10 per box, 240 per carton

Part Number. FR6712

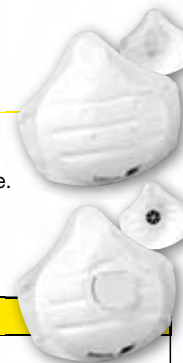


## Superone Disposable Respirators

### Economical respirator providing improved filtration efficiency, fit and breathing comfort

- Welded straps provide increased comfort against wearers face.
- Fits a wide variety of facial profiles.
- Crush resistant.
- Suitable for medical, sanding, grinding, woodworking, polishing and dusty environments.

Part No.	Description
1015842	Superone P1 Respirator
1015843	Superone P1 Respirator with exhalation valve
1015844	Superone P2 Respirator
1015846	Superone P2 Respirator with exhalation valve



## 3M™ Particulate Respirator 9322, P2

P2 Filter in unique 3 panel Flat Fold design. For mechanically and thermally generated particles and fumes e.g. grinding, sanding, crushing, sawing, smoke and welding fume. Cool Flow Valve prevents heat and moisture build up, making breathing easier.

Part Number: 9322

Packaging: 10 respirators/box







### Respirator P2 with Valve

- P2 rating for protection against mechanically and thermally generated particles
- Exhalation ProValve for extra air flow
- Colour coded nose-piece and packaging
- Dual straps give firm and comfortable fit
- Latex free head straps to protect against skin allergies
- AS/NZS 1716 Lic 1508
- Quantity per box - 12, Quantity per carton - 20 boxes

**Product Code: PC321**



### Respirator P2 Valve & Active Carbon Filter

- ProMesh - Flexible mesh which ensures optimum shape retention for a perfect, airtight fit
- Protects against nuisance-level organic vapours in addition to P2 rating
- Moulded nosepiece for close fit
- Velveteen face seal for extra comfort
- QuickLock straps for easy fit and release
- Exhalation ProValve for extra airflow
- AS/NZS 1716 Lic 1508

**Product Code: PC823**



## NORTH

### 1955 Dust/Mist Respirator with Valve (P2)

For use against mechanically and thermally generated particles such as dust, mist and fume under class P2 and including metallic fume from smelting, welding, brazing etc. Also mists of liquids that do not produce harmful gases or vapours. Exhalation valve gives greater user comfort. Not suitable for any painting process.

Part No.	Description
AS329746	1955 Dust/Mist and Fume Disposable Respirator P2 with Exhalation Valve - 12 per box



### 5000 Series P2 Disposable Respirators

Premium cup shape P2 protection respirator for use with particulate aerosols free of oil.

- Willtech® boomerang seal and exhalation valve
- For glass etching, welding, soldering, brazing, torch cutting, metal pouring, grinding, sanding, sweeping, dusty and hot operations.

Part No.	Description
1007699	5210 P2 Premium Cup Shape Respirator also available w/out valve 5210 xl also available
1007702	5211 P2 Premium Cup Shape Respirator with exhalation valve also available w/out valve 5210 xl also available
1007711	5251 P2 Premium Cup Shape Respirator with Willtech Boomerang Seal & Exhalation Valve
1007714	5261 P2 Premium Cup Shape Respirator with Willtech Boomerang Seal & Exhalation Valve xl also available



## FRONTIER

### P2 Dust/Mist Respirator

**Industrial Quality Disposable Respirator**

- Lightweight disposable respirator
- Contour fit
- Easy breathing/speaking
- Clear vision
- Maintenance free
- Twin elastic headbands
- Adjustable nose bridge allows snug fit to a range of face shapes and sizes
- Comfortable foam nose seal

**Packing:** 20 per box, 240 per carton

**Part Number: FR7710**



## FRONTIER

### P2 Dust/Mist Valved Respirator

**Industrial Quality Disposable Respirator**

- **FASTflow** Valve
- Lightweight disposable respirator
- Contour fit
- Easy breathing/speaking
- Clear vision
- Maintenance free
- Twin elastic headbands
- Adjustable nose bridge allows snug fit to a range of face shapes and sizes
- Comfortable foam nose seal

**Packing:** 10 per box, 240 per carton

**Part Number: FR7712**



## NORTH

### 1501B Nuisance Dust Mask

Suitable for nuisance particulates where non toxic contaminants are present.

Part No.	Description
AS081205	1501B Non Toxic Dust Mask - 50 per box



## RESPIRATOR KITS

## NORTON

### Paint Respirator Kit

Kit contains:

- #5500 Half Mask Respirator
- 2 x A1 Organic Vapour Cartridges
- 2 x P2 Pad Filters
- 2 x Fit Check / Pad Filter Covers.
- Storage Bag

#Not for use with isocyanate based two pack paints and glues.

Australian Standards approved for organic paint solvents, garden spray and organic pesticides. Also suitable for welding, grinding and sanding.

Part No.	Description
AS364219	Respirator Kit with Storage Bag





# SAFETY & PROTECTION EQUIPMENT

## RESPIRATOR - KITS



### 3M™ Jupiter™ Powered Air Turbo

The 3M Jupiter Powered Air Purifying Respirator is designed to deal with dusts, particles, fumes, gases and vapours produced in the workplace, which can be injurious to the lungs. The Jupiter Turbo contains the motor and battery and is mounted on a sturdy Decontamination Belt.

- Can be connected to a wide range of 3M™ filters, hoods, headcovers, face shields and helmets
- Complies with the performance requirements of AS/NZS 1716 when connected to 3M hoods, headcovers, face shields and helmets

Part Number: 902-01-79



### 3M™ Jupiter™ Powered Air Turbo Replacement Filters

Part No.	Description
450-00-25	Particulate (PAPR-P3)
453-00-25	Organic Vapour and Particulates (PAPR-A1P3)
453-09-25	Multigas/Vapour and Particulate
461-00-02	P24 Pre-Filter



### 3M™ Jupiter™ Powered Air Turbo Accessories

Product Code	Description
007-00-64P	8-hour NiMH Battery Pack
003-00-58PAUS	Battery Charger
BLT-12	Decontamination Belt
BTR-23	Breathing Tube



### 3M™ JT4C No.4 Headtop with Jupiter™ PAPR

Based on a conventional lightweight face shield and designed for use when eye, face and respiratory protection are simultaneously required. It is supplied with either a polycarbonate high impact visor for grinding or a medium impact solvent resistant acetate visor for painting applications

- Wide field of vision helps provide excellent visibility
- Uses 3M Quick Release Swivel (QRS) connector for breathing hose connection to 3M Jupiter™ Powered Air Turbo.
- Supplied with rechargeable 8-hour battery pack and battery charger

Part No.	Description
902-01-84	JT4C Polycarbonate
902-01-86	JT4C Acetate



### 3M™ JT4C No.4 Headtop Replacement Parts

Part No.	Description
901-00-31	Face Seal
049-18-02P1	Sweat Band
049-23-00P	Polycarbonate Visor
049-23-01P	Acetate Visor
4002226-0	Tear-Off Visor (10 pack)



### 3M™ Half Face Welders' Respirator Kit

The 3M Welder's Respirator Kit has been designed specifically with Welders in mind. This kit provides a complete respiratory protection system for all types of welding (MIG/MAG, TIG, Stick) and can be worn under most welding shields. The container is resealable, providing a convenient way to keep your respirator clean and properly stored when not in use.

Product Code: 7502WRK



## RESPIRATORS - REUSABLE



### 3M™ Powerflow™ Plus 6800

The 3M Powerflow Plus Powered Air Purifying Respirator (PAPR) uses a wide view silicone faceseal full facemask connected to a turbo/filter unit. This product is successfully used in the asbestos abatement industry where significant levels of fibres are routinely present in the workplace atmosphere.

Part Number: 902-02-12 Powerflow Plus with STD Battery w/o Charger  
902-03-22 Powerflow Plus with NiMH Battery w/Charger



### Twin Filter Half Mask Mask

- Unique, extra wide seating surface for unparalleled comfort, fit and seal
- Contour moulded nose for fit with glasses and goggles
- Low resistance exhale valve for easy breathing
- Able to be worn under most welding helmets
- Quick and easy filter cartridge connection
- Fully adjustable four point cradle suspension for improved load bearing
- AS/NZS 1716 Lic 1508

Product Code: HMTPM



### Survivair Opti-Fit

Ultimate level of performance in an affordably priced full face respirator.

- Distortion free lens for an exceptional view.
- Lightweight construction reduces stress on the head and neck.
- Comfortable, durable silicone skirt.
- Easy to maintain and service.
- Nose cup is a standard feature to prevent fogging.



Part No.	Description
762000	Opti-Fit Full facepiece also available in small 752000 and large 772000





### Survivair 3000 Series

**Economical half face mask packed full with all the features you expect in a quality respirator.**

- Comfortable, pliable silicone prevents oxidation and elasticity loss.
- Yokeless head harness will not interfere with filter attachment.
- Replacement parts available for significant cost savings.

Part No.	Description
360000	Survivair 3000 Half Mask also available in small 350000 and large 370000



**NORTH**

### 7700 Silicone Half Mask Respirator

The 7700 series is the most comfortable and durable half mask available. Its soft silicone material conforms to fit most facial features providing excellent protection, comfort and fit. Easy to clean durable silicone will not harden with age. Contoured sealing flange and cradle suspension system harness provides comfortable fit with no pressure points. Low profile gives workers a wide field of vision. Overlapping 3 sizes will fit most users. Suitable for protection against most industrial airborne contaminants. For use in spray painting and gluing, electroplating, welding and smelting. Wide range of filters available including multi-gas, vapour, dry-dust, spray-mist, and welding fume. Takes the same series of filters as the rest of Norton - North Respirators. Can be used with Back-Pack Adaptor BP1002 under welding helmets or face-shield

Part No.	Description
AS132659	7700-30L North Silicone Half Mask Large
AS132705	7700-30M North Silicone Half Mask Medium
AS205893	7700-30S North Silicone Half Mask Small



**NORTH**

### 7600 Full Face Silicone Respirator

The 7600 is designed to provide eye, face and respiratory protection. Silicone facepiece material conforms to facial features and does not harden with age. The dual flange silicone seal gives superior sealing characteristics. Oral nasal cup reduces fogging and lessens dead air space to improve worker comfort by limiting re-breathing of exhaled air. Speaking diaphragm makes communication easy. Hard-coated polycarbonate lens is scratch resistant, provides 200° field of vision and protects eyes from flying particles and irritating gases, vapours. Chin cup helps position properly. Peel away lens windows available as accessory. Suitable for wet and dry chemical production, handling and clean-up. Wide range of filters available including multi-gas, vapour, dry-dust, spray-mist, and welding fume. Protects in electroplating, electro-polishing, and maintenance environments Takes the same series of filters as the rest of Norton - North Respirators. Can be used with Back-Pack Adaptor BP1002.

Part No.	Description
AS205656	Full-Face Respirator (fully servicable)



**NORTH**

### 5400 Full Face Respirator

The 5400 provides comfort and protection at an economical price. The facepiece seal is made from soft, pliable elastomer material with high chemical resistance to give excellent fit and performance. Light in weight with a oral nasal cup to reduce fogging and lessen dead air space to improve wearer comfort by limiting re-breathing of exhaled air. Hard-coated polycarbonate lens is scratch resistant, provides 200° field of vision and protects eyes from flying particles and irritating gases, vapours. Peel away lens windows available as accessory. Chin cup helps position properly. Takes the same series of filters as the rest of Norton - North Respirators

Part No.	Description
AS366870	Low-Maintenance Full-Face Respirator



### SAFETY GLASSES - FOG OFF STICK



Our Vision is Safety



### Vu-Klear Fog-Off Stick

The Fog-Off Stick is applied directly to lenses and buffed off to create an Anti-Fog coating. Suitable for both Industrial and Sporting applications.

Part Number	Description
VUKFOG1	Fog-Off Stick - Single
VUKFOG12	Fog-Off Stock - Box of 12

### SAFETY GLASSES

**3M**

### 3M™ Virtua™ V6 Safety Spectacles

The Virtua V6 provides excellent protection and sports inspired styling with a sleek contemporary design. Ideal for constant usage in the workplace or as visitors' glasses. Lens have a DX™ anti-fog, hard coating for good resistance to fogging, chemical attack, scratching and static.

Part No.	Description
11685-00000	Black Frame/Clear Anti-Fog Lens
11686-00000	Black Frame/Grey Anti-Fog Lens



**3M**

### 3M™ BX™ Safety Spectacles

The sleek, contoured and fully adjustable BX model is designed for today's flexible work force. The adjustable side arms and lens angles ensure workers receive the highest protection levels against flying particles.

Part No.	Description
10412-00000	Ocean Blue Frame/Clear Anti-Fog Lens
10416-00000	Ocean Blue Frame/Amber Anti-Fog Lens
10417-00000	Ocean Blue Frame/Grey Mirror Anti-Fog Lens





# SAFETY & PROTECTION EQUIPMENT



## Visitors Clear

- Medium impact
- Deep design allows the glasses to be worn over prescription spectacles
- 99.9% UV protection for outdoor wear
- One piece frame provides unobstructed 180 degree view
- AS/NZS 1337 ID No 3090

Product Code: 3000



## Breeze Clear

- Medium impact, anti-scratch lens
- Stylish, wrap around design which promotes wear in any work environment
- 99.9% UV protection for outdoor wear
- Ultra lightweight to increase comfort for extended wear
- AS/NZS 1337 ID No 3090

Product Code: 6700

Smoke (6702), silver mirror (6704) and amber (6705) lenses also available.



## Phoenix Clear

- Medium impact, anti-scratch lens
- Frameless and ultra lightweight to increase comfort for extended wear
- 99.9% UV protection for outdoor wear
- Comfortable silicone nose piece
- AS/NZS 1337 ID No 3090

Product Code: 8600

Smoke (8602) and amber (8605) lenses also available.



## Mercury Clear

- Medium Impact, anti-scratch, anti-fog lens
- Lightweight and durable polycarbonate frame
- Ribbed "SMART FIT" adjustable nose bridge for a customized fit
- 99.9% UV protection for outdoor wear
- AS/NZS 1337 ID No 3570

Product Code: 8200

Smoke (8202) and polarised (8212) lenses also available



## Python Safety Specs

- Prism balanced lenses
- Modern wrap around styling
- 100% UV400 protection
- Medium impact

Part No.	Description
SUN5001A	Python Yellow Lens and Side Arm
SUN5001BFM	Python Blue Flash Mirror Lens and Side Arm
SUN5001C	Python Clear Lens and Side Arm
SUN5001S	Python Smoke Lens and Side Arm



## Hammerhead Safety Specs

- Ultra modern wrap around style
- Unique soft-touch temples for wearer comfort
- Moulded nose bridge
- 100% UV400 protection
- Prism balanced lenses
- Medium impact

Part No.	Description
SUN2008BC	Clear
SUN2008BS	Smoke



## A700 Safety Eyewear

Provides value whilst combining sports styling with high protection and comfort.

- Exceptional value, comfort & protection.
- Universal nose bridge and soft temple tips for all-day comfort.
- Fashionable sports styling and lightweight design.
- 9 base wrap around lens provides close to the face protection.

Part No.	Description
1015361AN	A700 Safety Eyewear clear frame clear lens
1015360AN	A700 Safety Eyewear clear frame clear lens anti fog
1015362AN	A700 Safety Eyewear grey frame grey lens
1015351AN	A700 Safety Eyewear grey frame grey lens anti fog



## W100 Safety Eyewear

Safety eyewear designed specifically to fit the female face.

- Smaller sizing provides comfortable, all-day protection
- Modern fashionable style improves wear time.
- Feminine styling with a smaller design to encourage compliance amongst women.
- Rhinestone/metallic accents on front of eyewear for an appealing design.
- Soft adjustable nose piece to fit many different facial profiles.

Part No.	Description
1028111	W100 Womens Safety Eyewear clear clear
1028113	W100 Womens Safety Eyewear clear clear anti fog
1028114	W100 Womens Safety Eyewear brown espresso
1028115	W100 Womens Safety Eyewear clear silver mirror



## Fuse Safety Eyewear

The Fuse® provides workers with comfort, style and protection.

- Gunmetal coloured frame with exceptional coverage.
- Nickel free frame prevents reactions in those sensitive to nickel.
- Hinge stoppers on temples prevent temple tips from touching lenses.
- Soft adjustable nose bridge for comfort and grip.

Part No.	Description
11150800AN	Fuse Safety Eyewear gun metal grey clear lens
11150801AN	Fuse Safety Eyewear gun metal grey grey lens
11150804AN	Fuse Safety Eyewear gun metal grey silver lens mirror





## uvex

### x-one

- Lightweight wraparound style
- Straight arms, cold formable
- Approved to AS/NZS1337 (Medium Impact)



Part Number	Description
9170-001	Blue Arms, Clear HC 3000 Lens
9170-005	Clear HC 3000
9170-106	Clear THS
9170-120	Amber THS
9170-007	Grey HC 3000

## uvex

### i-vo

- Outstanding peripheral vision
- Quick and easy lens replacement
- 4 point length adjustable side arms with quatrolflex temple ends
- Approved to AS/NZS1337 (Medium Impact)



Part Number	Description
9160-001	Blue/Grey, Clear HC 3000 Lens
9160-301	Blue/Grey, Clear THS Lens
9160-120	Blue/Grey, With Headband, Clear HC-AF lens
9160-007	Blue/Grey, Amber, HC 3000 Lens
9160-004	Blue/Grey, Grey, HC 3000 Lens
9160-013	Blue/Grey, SCT 400 Light, HC 3000 Lens

## uvex

### cybric

- 5-point lens inclination
- Quick and easy lens replacement
- Approved to AS/NZS1337 (Medium Impact)



Part Number	Description
9188-501	Black Frame, Clear Anti-scratch Lens
9188-503	Black Frame, Amber Anti-scratch Lens
9188-502	Black Frame, Grey Anti-scratch Lens
9188-304	Black Frame, Clear Lens, Anti-fog Both Sides

#### Note:

- HC 3000 = Anti-scratch both sides
- THS = Anti-fog both sides

## uvex

### i-fit

- Larger lens for exceptional eye coverage and protection
- 5 point lens inclination for individual fit
- Approved to AS/NZS1337 (Medium Impact)



Part Number	Description
9179-001	Black / Lime, Clear HC 3000 Lens
9179-002	Black / Lime, Amber HC 3000 Lens
9179-003	Black / Lime, SCT HC 3000 Lens
9179-004	Black / Lime, Grey HC3000 Lens
9179-005	Black / Lime, Clear THS Lens

## uvex

### predator

- Close fit design for extra protection
- Stylish arms with soft touch inlay
- Soft nose pads
- Approved to AS/NZS1337 (Medium Impact)



Part Number	Description
uvex-pd085	Clear, Anti-scratch
uvex-pd385	Clear, Anti-fog Both Sides
uvex-pd185	Grey, Anti-scratch
uvex-pd485	Grey, Anti-fog Both Sides
uvex-pd505	Light Brown, Mirror
uvex-pd884	Blue, Mirror



### Raider 014

AS/NZS 1337 Medium Impact Safety Glasses with soft temple ends. They are a moulded frame and lens offering excellent protection. Also available in Anti-Fog.



Part Number	Description
014CLCL	Raider Safety Glasses with Clear Hard Coat Lens
014GYSD	Raider Safety Glasses with Smoke Hard Coat Lens
014YWAR	Raider Safety Glasses with Amber Hard Coat Lens



### Overspec 018

AS/NZS 1337 Medium Impact Safety Glasses designed to sit over prescription glasses. Complete with integrated side shield and brow protection.



Part Number	Description
018CLCL-XL	Overspec Safety Glasses with Clear Hard Coat Lens
018GYSD-XL	Overspec Safety Glasses with Smoke Hard Coat Lens



### Ecospec 209

AS/NZS 1337 Medium Impact Safety Glasses which are an economical one piece lens. They are ideal for site visitors.



Part Number	Description
209CLCL	Ecospec Safety Glasses with Clear Lens
209GYSD	Ecospec Safety Glasses with Smoke Lens
209YWAR	Ecospec Safety Glasses with Amber Lens



# SAFETY & PROTECTION EQUIPMENT



## Vortex 212

AS/NZS 1337 Medium Impact Safety Glasses with a clear one piece lens. They are a lightweight design with frosted arms and nose bridge.

Part Number	Description
<b>212CLCL</b>	Vortex Safety Glasses with Clear Hard Coat Lens
<b>212GYSD</b>	Vortex Safety Glasses with Smoke Hard Coat Lens
<b>212YWAR</b>	Vortex Safety Glasses with Amber Hard Coat Lens



## Harpoon 261

AS/NZS 1337 Medium Impact Safety Glasses with a Nylon material semi rimless frame and soft temple ends for a high comfort level.

Part Number	Description
<b>261BKCL</b>	Harpoon Safety Glasses with Clear Hard Coat Lens
<b>261BKSD</b>	Harpoon Safety Glasses with Smoke Hard Coat Lens
<b>261BKAR</b>	Harpoon Safety Glasses with Amber Hard Coat Lens



## Inferno 287

AS/NZS Medium Impact Safety Glasses designed with fashion in mind. Their Nylon frames are available in a range of fashion colours. Also available in Polarised.

Part Number	Description
<b>287SICL</b>	Inferno Safety Glasses w/ Silver Frame & Clear Hard Coat Lens
<b>287BKSD</b>	Inferno Safety Glasses w/ Black Frame & Smoke Hard Coat Lens
<b>287BKPS</b>	Inferno Safety Glasses w/ Black Frame & Polarised Lens



## ChillX 610

AS/NZS 1337 Medium Impact Safety Glasses with a flared lower frame for wider coverage. Other features include a one piece lens, moulded nose bridge, and soft temple ends. Also available in Blue Mirror.

Part Number	Description
<b>610BLCL</b>	ChillX Safety Glasses with Clear Hard Coat Lens
<b>610BLSD</b>	ChillX Safety Glasses with Smoke Hard Coat Lens
<b>610BLSM</b>	ChillX Safety Glasses with Silver Mirror Hard Coat Lens
<b>610BLRM</b>	ChillX Safety Glasses with Red Mirror Hard Coat Lens



## Arma 700

AS/NZS 1337 Medium Impact Safety Glasses with a lightweight design. Featuring low profile styling and moulded nose pads. Also available in Red Mirror.

Part Number	Description
<b>700BLCL</b>	Arma Safety Glasses with Clear Hard Coat Lens
<b>700BLSD</b>	Arma Safety Glasses with Smoke Hard Coat Lens
<b>700BLSM</b>	Arma Safety Glasses with Silver Mirror Hard Coat Lens
<b>700BLBM</b>	Arma Safety Glasses with Blue Mirror Hard Coat Lens



## Horizon Specs

- Medium Impact, wrap around design
  - Anti-scratch, anti-fog lens
  - 99.9% UV protection for outdoor wear
  - Ultra lightweight for increased comfort
  - Complies with AS/NZS 1337:1992 Lic 2742
- Pack:** 12 per box, 144 per carton

Part Number	Lens Colour Options
<b>FE500</b>	Clear
<b>FE501</b>	Amber
<b>FE502</b>	Smoke
<b>FE503</b>	Blue Mirror



## Classic Specs

- Medium Impact
  - Anti-scratch, anti-fog lens
  - 99.9% UV protection for outdoor wear
  - Complies with AS/NZS 1337:1992 Lic 2742
- Pack:** 12 per box, 144 per carton

Part Number	Lens Colour Options	Part Number	Lens Colour Options
<b>FE110</b>	Clear	<b>FE112</b>	Amber
<b>FE111</b>	Smoke	<b>FE113</b>	Silver Mirror





**FRONTIER**
**EDGE**

### Edge Specs

- Medium Impact
- Anti-scratch lens
- 99.9% UV protection for outdoor wear
- Complies with AS/NZS 1337:1992 Lic 2742

**Pack:** 12 per box, 144 per carton

Part Number	Lens Colour Options
<b>FE400</b>	Amber Anti-Fog Lens / Grey Frame
<b>FE401</b>	Smoke Anti-Fog Lens / Red Frame
<b>FE402</b>	Blue Mirror Lens / Blue Frame
<b>FE403</b>	Clear Mirror Lens / Matt Gunmetal Frame
<b>PRESCRIPTION LENS COMBO</b>	
<b>FE404</b>	Clear Anti-Fog Lens / Grey Frame
<b>FE405</b>	Smoke Anti-Fog Lens / Red Frame

**FRONTIER**
**KOKODA**

### Kokoda Specs

- Medium Impact
- Contoured face wrap design
- Eye hugging curves
- Anti-scratch lens
- Anti-fog lens (except Blue Mirror)
- 99.9% UV protection for outdoor wear
- Moulded nose bridge
- Rubber temple arm tips for pressure dispersion
- Ultra lightweight for increased comfort
- Complies with AS/NZS 1337:1992 Lic 2742

**Pack:** 12 per box, 144 per carton

Part Number	Lens Colour Options
<b>FE005</b>	Clear
<b>FE006</b>	Smoke
<b>FE007</b>	Blue Mirror
<b>FE008</b>	Amber


**FRONTIER**
**VISION X**

### Vision X Specs

- Medium Impact
- Contoured face wrap design
- Eye hugging curves
- Smooth streamlined finish
- Anti-scratch lens
- Anti-fog lens (except Blue Mirror)
- 99.9% UV protection for outdoor wear
- Moulded nose bridge
- Tough polycarbonate construction
- Ultra lightweight for increased comfort
- Complies with AS/NZS 1337:1992 Lic 2742

**Pack:** 12 per box, 144 per carton

Part Number	Lens Colour Options
<b>FE001</b>	Clear
<b>FE002</b>	Smoke
<b>FE003</b>	Blue Mirror
<b>FE004</b>	Amber



## SAFETY GOGGLES

**PRO SAFETY GEAR**  
 prochoice.com.au  
 SAFE AS.

### Scope II Clear Goggle

- Economical replacement lens
- Medium impact, anti-scratch lens
- Anti-fog, hardened 2mm lens ideal for use with dust masks in humid conditions
- 99.9% UV protection for outdoor wear
- Good chemical splash protection
- Foam bound with wide strap for comfort
- AS/NZS 1337 Lic-3090

**Product Code:** 3600

 Certified Product  
 AS/NZS 1337  
 Lic 2144

**uvex**

### ultravision

- Exceptional wearer comfort
- Sophisticated ventilation system
- Fits over prescription spectacles
- Quick and easy lens replacement
- AS/NZS1337 Medium impact
- HC-AF = anti-scratch outside and anti-fog inside

Part Number	Description
<b>9301-614</b>	Transparent, Vented, Clear Lens Anti-fog Both Sides
<b>9301-624</b>	Transparent, AF Both Sides, Open Vented, Open-cell Foam Bound
<b>9301-304</b>	Transparent, Open Vented, Clear HC-AF lens
<b>9301-382</b>	With Mouth Protection, Open Vented, Anti-fog
<b>9301-383</b>	With Mouth Protection, Vented, AF, Open-cell Foam Bound





# SAFETY & PROTECTION EQUIPMENT

uvex

## ultrasonic

- Exceptional wearer comfort
- Sophisticated ventilation system
- Fits over most prescription spectacles (RX insert also available)
- Quick and easy lens replacement
- AS/NZS1337 Medium impact
- HC-AF is anti-scratch outside and anti-fog inside



Part Number	Description
9302-345	Orange/Grey, Clear HC-AF Lens
9302-385	Grey/Black, Clear HC-AF Lens
9302-342	Red/Black, Clear HC-AF Lens (Fire Goggle)
9302-347	Orange/Grey, SCT 400, HC-AF Lens



## Flex Goggle 440

AS/NZS 1337 Medium Impact Goggle with a fully flexible frame and twin lens. This anti-fog design includes a soft foam seal around the face and side vents. Also available with Shade 5 Lens, or Fire Fighter option.

Part Number	Description
440BLCLAF	Flex Goggle with Clear Anti-Fog Lens
440BLSDAF	Flex Goggle with Smoke Anti-Fog Lens

## SAFETY INSPECTION BOOK



## Inspection Books

These books collect together all the elements you need to manage Scaffolding and Ladders in easy reference loose leaf binders.



Part Number	Description
857313	Scaffolding Inspection Blue Book
857311	Ladder Inspection Yellow Book

## SAFETY LENS - CLEANING

uvex

## Lens Cleaning Towelettes (500pk)

- Specifically formulated for uvex lens coatings
- Pack of 500 towelettes
- Wall-mountable

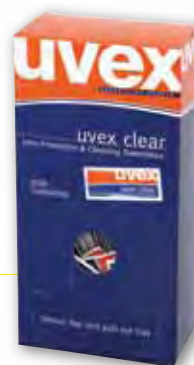


Part Number	Description	Size
1003	uvex clear, lens cleaning towelettes	500 pack

uvex

## Lens Cleaning Towelettes (100pk)

- Specifically formulated for uvex lens coatings
- Pack of 100 towelettes
- Wall-mountable



Part Number	Description	Size
1005	uvex clear, lens cleaning towelettes	100 pack

uvex

## Lens Cleaning Station

- Contains 4 boxes of 1008 lens cleaning tissue
- Contains 1 bottle of 1009 (500ml) lens cleaning solution
- Wall mountable (screws included)



Part Number	Description
1007	Lens cleaning station



## Vu-Klearplus Wipes

An anti-fog, anti-static, alcohol free, germicidal wipe ideal for Eyewear, Face Shields, Earmuffs and Respirators.



Part Number	Description
VUKDISP	Box of 300 wipes.

## SAFETY MIRRORS - OUTDOOR



## Outdoor Mirrors

An extremely durable weather-proof mirror suitable for road and pedestrian traffic applications, distribution depots and parking areas. Unbreakable polycarbonate face with high visibility orange visor. Comes complete with wall mount and post mount brackets. Other options include indoor dome, indoor, stainless steel, inspections mirrors in a variety of sizes.



Part Number	Description	Size
MC450OD	Outdoor Convex Safety Mirror	450mm
MC600OD	Outdoor Convex Safety Mirror	600mm
MC800OD	Outdoor Convex Safety Mirror	800mm
MC1000OD	Outdoor Convex Safety Mirror	1000mm



## SAFETY SIGNS



### Brady Safety Signs

- Complies to AS 1319
- Alerts and keeps employees safe from hazards
- Available in a range of materials and sizes



250x180 SS 838643  
300x225 MTL 841775  
300x225 POLY 841774  
450x300 MTL 832249  
450x300 POLY 835604  
600x450 MTL 841773  
600x450 POLY 835301



300x225 POLY 854759  
600x450 FLUTE 831003  
600x450 MTL 832438  
600x450 POLY 844510



250x180 SS 832939  
300x225 MTL 841807  
300x225 POLY 841806  
450x300 MTL 832545  
450x300 POLY 835275  
600x450 MTL 841805  
600x450 POLY 835274



180x250 SS 842168  
300x225 MTL 842167  
300x225 POLY 842166  
450x300 MTL 842165  
450x300 POLY 842164  
600x450 MTL 832424  
600x450 POLY 842162



250x180 SS 836779  
300x225 MTL 840883  
300x225 POLY 840882  
450x300 MTL 840881  
450x300 POLY 836778  
600x450 MTL 840880  
600x450 POLY 840879



250x180 SS 832922  
300x225 MTL 841811  
300x225 POLY 841810  
450x300 MTL 832208  
450x300 POLY 835280  
600x450 MTL 834608  
600x450 POLY 835279



180x250 SS 841665  
225x300 MTL 841664  
225x300 POLY 841663  
300x450 MTL 832083  
300x450 POLY 833887  
450x600 MTL 832082  
450x600 POLY 833886



180x250 SS 841749  
225x300 MTL 841748  
225x300 POLY 841747  
300x450 MTL 832442  
300x450 POLY 841746  
450x600 MTL 841745  
450x600 POLY 841744



180x250 SS 840822  
225x300 MTL 840821  
225x300 POLY 840820  
300x450 MTL 832124  
300x450 POLY 835386  
450x600 MTL 832456  
450x600 POLY 835385



180x250 SS 841653  
225x300 MTL 841652  
225x300 POLY 841651  
300x450 MTL 841650  
300x450 POLY 841649  
450x600 MTL 841648  
450x600 POLY 841647



180x250 SS 840485  
225x300 MTL 840484  
225x300 POLY 840483  
300x450 MTL 840482  
300x450 POLY 840481  
450x600 MTL 840480  
450x600 POLY 840479



180x250 SS 833341  
225x300 MTL 840921  
225x300 POLY 840920  
300x450 MTL 832087  
300x450 POLY 835781  
450x600 MTL 832086  
450x600 POLY 835780



180x250 SS 838698  
225x300 MTL 841378  
225x300 POLY 841377  
300x450 MTL 834012  
300x450 POLY 835200  
450x600 MTL 832180  
450x600 POLY 835199



180x250 SS 838563  
225x300 MTL 841375  
225x300 POLY 841374  
300x450 MTL 834009  
300x450 POLY 835202  
450x600 FLUTE 831154  
450x600 MTL 834010  
450x600 POLY 835201



180x250 SS 838686  
225x300 MTL 841984  
225x300 POLY 841983  
300x450 MTL 834734  
300x450 POLY 834646  
450x600 MTL 834733  
450x600 POLY 835253



180x250 SS 832960  
225x300 MTL 841837  
225x300 POLY 841836  
300x450 MTL 832194  
300x450 POLY 835187  
450x600 MTL 832312  
450x600 POLY 835186



180x250 SS 834749  
225x300 MTL 841090  
225x300 POLY 841089  
300x450 MTL 832331  
300x450 POLY 835191  
450x600 MTL 832330  
450x600 POLY 835190



180x250 SS 838669  
225x300 MTL 841103  
225x300 POLY 841102  
300x450 MTL 832182  
300x450 POLY 835193  
450x600 MTL 832167  
450x600 POLY 835192



180x250 SS 838555  
225x300 MTL 841026  
225x300 POLY 841025  
300x450 MTL 838116  
300x450 POLY 835300  
450x600 FLUTE 841028  
450x600 MTL 832114  
450x600 POLY 835004



180x250 SS 838531  
225x300 MTL 841019  
225x300 POLY 841018  
300x450 MTL 832134  
300x450 POLY 835011  
450x600 FLUTE 841021  
450x600 MTL 832132  
450x600 POLY 835012



180x250 SS 838714  
225x300 MTL 840584  
225x300 POLY 840583  
300x450 MTL 832130  
300x450 POLY 835036  
450x600 MTL 832129  
450x600 POLY 835037



180x250 SS 838673  
225x300 MTL 841244  
225x300 POLY 841243  
300x450 MTL 838191  
300x450 POLY 835013  
450x600 FLUTE 831142  
450x600 MTL 838192  
450x600 POLY 835014



180x250 SS 852629  
225x300 MTL 852628  
225x300 POLY 852627  
300x450 MTL 852626  
300x450 POLY 852625  
450x600 MTL 852624  
450x600 POLY 852623



180x250 SS 838705  
225x300 MTL 841037  
225x300 POLY 841036  
300x450 MTL 834026  
300x450 POLY 835021  
450x600 FLUTE 842266  
450x600 MTL 832145  
450x600 POLY 835022



180x250 SS 838903  
225x300 MTL 840045  
225x300 POLY 840044  
300x450 MTL 836574  
300x450 POLY 835331  
450x600 MTL 835330  
450x600 POLY 832185



600x450 FLUTE 853535  
600x450 MTL 832491  
600x450 POLY 835365



450x300 MTL 841530  
450x300 POLY 835335



180x250 SS 841004  
225x300 MTL 841003  
225x300 POLY 841002  
300x450 MTL 841001  
300x450 POLY 834963  
450x600 MTL 835972  
450x600 POLY 841000



180x250 SS 838593  
225x300 MTL 841044  
225x300 POLY 841043  
300x450 MTL 834064  
300x450 POLY 834970  
450x600 MTL 834065  
450x600 POLY 841042



180x250 SS 838652  
225x300 MTL 841048  
225x300 POLY 841047  
300x450 MTL 835971  
300x450 POLY 834969



# SAFETY & PROTECTION EQUIPMENT

## SAFETY SIGNS



### Multi-Lingual Signs

- English plus 11 of the most common foreign languages spoken in the workplace
- Languages include: Arabic, Bosnian, Chinese, Croatian, Greek, Italian, Polish, Russian, Somali, Spanish and Vietnamese
- Available in a range of sizes and materials



450x300 POLY **871561**  
450x300 MTL **871562**  
600x450 POLY **871564**  
600x450 MTL **871565**

450x300 POLY **871570**  
450x300 MTL **871571**  
600x450 POLY **871573**  
600x450 MTL **871574**

450x300 POLY **871579**  
450x300 MTL **871580**  
600x450 POLY **871582**  
600x450 MTL **871583**

450x300 POLY **871588**  
450x300 MTL **871589**  
600x450 POLY **871591**  
600x450 MTL **871592**

450x300 POLY **871597**  
450x300 MTL **871598**  
600x450 POLY **871600**  
600x450 MTL **871601**



450x300 POLY **871615**  
450x300 MTL **871616**  
600x450 POLY **871618**  
600x450 MTL **871619**



450x300 POLY **871624**  
450x300 MTL **871625**  
600x450 POLY **871627**  
600x450 MTL **871628**



450x300 POLY **871633**  
450x300 MTL **871634**  
600x450 POLY **871636**  
600x450 MTL **871637**



450x300 POLY **871642**  
450x300 MTL **871643**  
600x450 POLY **871645**  
600x450 MTL **871646**



450x300 POLY **871606**  
450x300 MTL **871607**  
600x450 POLY **871609**  
600x450 MTL **871610**



### Custom Construction Mesh Signage

- Versatile, seven-in-one, mandatory site safety signage
- Constructed from light weight and strong PVC
- Ideal for seeing through to construction and allowing wind to pass - softening wind loads
- Comes complete with eyelets, simple and ready to be hung, roll and reuse
- Customise the sign by including your company logo and site contact details

#### Typical Applications

- Highly suitable for building and construction sites

Product Code: 871541



### Deluxe Floor Stands

- Made from high density polyethylene
- Light weight with strong hinge construction
- Message on both sides
- Measures at 670mm high (closed) and 280mm wide



841996



841987



841992



842503



### Triang Safety Cone

- Choice of messages, also blank signs
- Choice of two colours; easy-see pink or bright yellow
- 900mm high, four-sided with broad base for stability



Part Number	Description	Size
BASAC04Y	Wet Floor Yellow	914mm High
BASAC04P	Wet Floor Pink	914mm High
BASAC05Y	Cleaning in Progress Yellow	914mm High
BASAC05P	Cleaning in Progress Pink	914mm High
BASACCY	Blank (Yellow and Pink)	914mm High
BASACCC	Custom printed messages on 1 to 4 sides	914mm High



## SAFETY TAGS



### Scafftag Complete Kit

#### THE SCAFFTAG 3 STAGE SYSTEM

1. Attach an appropriate holder to your application. Before an assessment, the prohibition symbol and words "DO NOT USE EQUIPMENT" are clearly displayed on the holder.
2. Select an appropriate insert and complete the information needed for reporting of the inspection. Inserts are available in a range of colours and scripts to suit various situations.
3. On satisfactory completion of the application test or inspection, write the next test or inspection date on the reverse side of insert and place in holder.

#### Kit Contents

- 10x Holders
- 10x Status Inserts
- 1x Permanent Marking Pen

Product Code: 857184



### Ladder Tag Complete Kit

Laddertag is a complete 3 stage ladder safety management system. (see Scafftag Complete Kit for explanation of stages). Regulations require ladders to be checked for damage, faults and wear before use by an authorised user. This easy to use system is essential for companies working to ISO9000 standards. The tags are weatherproof, UV protected and able to withstand the toughest industrial environments.

For kit content contact your ISG Representative

Product Code: 857017

## SPECTACLE LIGHTS



### Speclights

- Powerful LED lights
- Battery powered
- Fittings for both narrow or wide eyeglass temples
- Two lights per pack

Pack: 10 per box, 100 per carton

Part Number: EL01A

## SPEED HUMPS



### Slo-motion Compliance

Barrier's Slo-Motion 'Compliance' modular speed hump system is made from Linear Low Density Polyethylene (LLDPE). Slo-Motion 'Compliance' is the only moulded speed hump system on the market that is fully manufactured in Australia, and is designed to comply with AS2890.1:2004. LLDPE is quiet to drive over, won't crack, rot or rust and is UV stabilised for extended exposure. Each body module incorporates cable access, recessed fixing points and two built-in prismatic reflectors for improved night visibility. Suitable for light and heavy use in car parks, schools, shopping centres or factory complexes. Supplied with all fixings and a five year warranty against UV degradation.

Part Number	Description	Size
SMC250Y	Body Module – Yellow	250mm
SMC250B	Body Module – Black	250mm
SMC250E	End Module – Black (Pair)	180mm radius

## SPILL CONTAINMENT - ABSORBENT



### Universal Organic Absorbent

An eco-friendly, fast acting, high absorbency coconut coir product for safe and efficient cleanup of all liquid spills including acids and caustics. It demonstrates a preference for hydrocarbons (e.g. oil) over water making it suitable for emergency road response application. It has been tested to the USEPA Leachate standards for landfill disposal (but always check with local authorities).



Part Number	Size	Weight / Bag	Pallet Qty
FX15L	15 Litre Bag	3kg	122
FX50L	50 Litre Bag	9kg	72



### Natural Zeolite Mineral Absorbent

Zeolite is a rock type absorbent for use with all spills of liquid and vapour. Due to its large internal surface area, it is faster acting & absorbs larger quantities than most other "kitty litter" types of absorbent. It also absorbs vapour and odour. The bag size (15kg) is designed to meet OH&S lifting requirements.



Part Number	Size	Weight / Bag	Pallet Qty
FXZEO	22 Litre Bag	15 kg	60



# SAFETY & PROTECTION EQUIPMENT

## SPILL CONTAINMENT KITS



### Workshop / Yard Spill Kits

Larger "wheelie bin" kits utilising SPILLFIX Universal Organic Coir Absorbent and Booms and EVERSOAK absorbent pads.

Part Number	Description
<b>FXSKMED</b>	Medium size Spill Kit in 120 litre wheelie bin
<b>FXSKLGE</b>	Larger size Spill Kit in 240 litre wheelie bin



### Bio-Waste Spill Kit

Spillfix Bio-waste is a natural, non-toxic absorbent powder that rapidly immobilises potentially infectious spills such as blood, vomit, urine and faeces that come from humans and animals.

Part Number	Description
<b>FXSKBW</b>	Kit c/w absorbent, protective equipment & disposal means



### Transport or Workshop Spill Kit

Economical kit that can be stowed in a vehicle or conveniently hung in small workshops. Contains SPILLFIX Universal Organic Coir absorbent, boom, pads, waste bag and tie, dustpan and broom, instruction card and MSDS, all in convenient carry bag.

Part Number	Description
<b>FXSKBAG</b>	Compact kit c/w absorbents and disposal means



### 3M™ General Purpose Cabin Bag Response Kit

This compact, weather-proof cabin bag is designed to fit in transportation vehicles. This 35 litre kit is for recovery of small, unexpected spills that can happen anywhere at any time.

**Part Number: SRCB-Gen**



### 3M™ General Purpose Spill Kit - 90 Litres

This spill kit is designed for control of accidental and routine leaks, drips and spills of oils, lubricants and other non-aggressive liquids found commonly in industry.

**Part Number: MSRK-90**



### 3M™ General Purpose Spill Kit - 170 Litres

This spill kit is designed for control of accidental and routine leaks, drips and spills of oils, lubricants and other non-aggressive liquids found commonly in industry.

**Part Number: MSRK-170**



## SPILL CONTAINMENT - PADS & ROLLS



### Re-Form Plus Pads & Rolls

- An eco friendly, high performance absorbent
- Made from recycled waste
- Class A fire Retardant
- Ideal for handling foot traffic and wiping applications
- Rolls are perforated, so you only use what you need

Part No.	Description	Dimensions	Absorption Capacity Per Box
<b>869810</b>	Plus Heavy Weight Roll Large	724mm x 45.7m	234 Litres
<b>869811</b>	Plus Heavy Weight Roll Small	362mm x 45.7m	113 Litres
<b>869812</b>	Plus Medium Weight Roll Large	724mm x 45.7m	200 Litres
<b>869813</b>	Plus Medium Weight Roll Small	362mm x 45.7m	109 Litres
<b>869807</b>	Plus Heavy Weight Pad (Box 100)	381 x 482mm	151 Litres
<b>869808</b>	Plus Medium Weight Pad (Box 100)	381 x 482mm	121 Litres
<b>869809</b>	Plus Light Weight Pad (Box 100)	381 x 482mm	90 Litres





## Re-Form Oil Only Pads & Rolls

- High absorbency for petroleum based drips, spills and wiping
- Perforated rolls
- Absorbs up to 30 times its weight in liquid
- Eco friendly

Part Number	Description	Dimensions	Absorption Capacity Per Box
871254	Oil Only Roll Small	362mm x 47.5m	141 Litres
871255	Oil Only Roll Large	724mm x 47.5m	282 Litres
871253	Oil Only Pad (Box 100)	381 x 482mm	148 Litres

## SPORTS DRINKS



### PureSport™ Workout

Why PureSport™ Workout in the Workplace?

- Helps maintain energy and alertness while promoting a healthier workforce!
- Great for use before, during and after physical exertion — especially in high heat environments!
- Avoid the sugar rushes and crashes that come from other hydration drinks!

Part Number	Description
100011000	Workout Cannister - Fruit Punch
100011001	Workout Cannister - Banana Berry
100011002	Workout Cannister - Grape
100011003	Workout Cannister - Lemon Lime
100V17100	Workout Stick Pack (20 Packets) - Lemon Lime
100V17101	Workout Stick Pack (20 Packets) - Fruit Punch
100V17102	Workout Stick Pack (20 Packets) - Grape
100V17103	Workout Stick Pack (20 Packets) - Banana Berry

## SUNSCREEN



### Sunscreen SPF30+ UVA and UVB Maximum Protection

- Maximum protection from UVA and UVB
- Contains skin moisturisers
- Non-greasy rapid absorption in skin
- No synthetic perfumes

Part Number	Size
133F	500ml Pump Pack
133A	125ml Tube



## ProBloc Hands Free Sunscreen

- 125ml tube
- SPF 30+ with moisturising Vitamin E
- 3 hours water resistant
- Hands free applicator means no mess, no waste.

Product Code: SS125HF



## Protecta Bodyguard SPF30+ With Insect Repellent

- 2 hour water resistant
- Contains moisturisers and insect repellent
- Low irritant, non-greasy, non-oily
- Broad spectrum protection



Part Number	Description	Size
ISBG125	Protecta Bodyguard	125mL
ISBG500	Protecta Bodyguard Pump Pack	500mL
ISBG1	Protecta Bodyguard Pump Pack	1L



## Protecta Sunblock SPF 30+

- 4 hour water resistant
- Easy rub in formula, non-greasy, non oily
- Low irritancy
- Broad spectrum protection



Part Number	Description	Size
ISSB125	Protecta Sunblock	125mL
ISSB500	Protecta Sunblock Pump Pack	500mL
ISSB1	Protecta Sunblock Pump Pack	1L

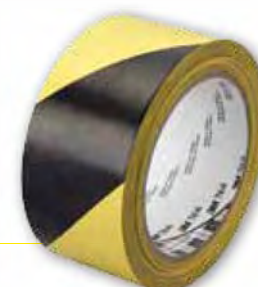
## TAPES - BARRICADE



### Hazard Warning Tape

- 766 Hazard Warning Tape YELLOW/BLACK
- 50.8mm x 32.9m
- High performance. Polyester backing reinforced with continuous glass yarn.
- Typical 380 lb/inch width tensile strength with high shear adhesive for low unit cost heavy duty closure of hard-to-adhere or high recycled fibreboard.

Product Code: 70006279361





# SAFETY & PROTECTION EQUIPMENT



**Lufkin®**

## Barricade and Underground Warning Tapes

- Underground Tapes are non-biodegradable polyethylene, won't breakdown in ground
- Barricade and Caution Tapes are recyclable, environmentally friendly material

Material No.	Description
BC100	Yellow Caution 100m x 75mm
BRW100	Barricade 100m x 75mm - Red and White
LUWT100	Underground Warning Tape 150mm x 100m



## Standard Barricade Tape

- Warn against hazards and dangerous work zones
- Durable and light weight
- Reusable
- Measures at 75mm high and 300m long



834530



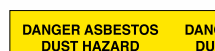
834501



834550



834528



834532



834512



834529



834507



848118

## TAPES - FLAGGING



**Lufkin®**

## Flagging Tapes

Material No.	Description
FT100HG	100m Glo-Lime x 25mm
FT100HP	100m Glo-Pink x 25mm
FT100HR	100m Glo-Red x 25mm
FT100HV	100m Glo-Orange x 25mm

## TAPE - SAFETY



## Tough Stripe™

- Spend less time replacing damaged or worn lines
- Made of rugged polyester with ultra-aggressive adhesive
- High-gloss surface shines like new paint
- Can be easily applied by one person working alone
- No special floor preparation required – just clean with common cleansers

	Black	White	Yellow	Red	Blue
51mm x 30m	872429	872430	872431	872432	872433
76mm x 30m	872439	872440	872441	872442	872443
	Green	Orange	Blk/Ylw	Red/Wht	Blk/Wht
51mm x 30m	872434	872435	872436	872437	872438
76mm x 30m	872444	872445	872446	872447	872448



## TRAFFIC CONES



## Orange Hi-Vis Traffic Cones

- High quality orange PVC
- 450mm height
- Sold individually

Product Code: TC450

Also available in 300mm (TC300) and 700mm (TC700) heights. Also available with reflective strips. 450mm(TC450R) and 700mm (TC700R).



## VISORS



## Vadar Assembled Browguard & Visor

- Anti-Fog Visor (VC) and browguard (BG)
- Ready assembled to be on the task immediately
- 99.9% UV protection for outdoor wear
- AS/NZS 1337 Lic 2144
- Sold individually

Product Code: BGVC

Mesh visor(VM), shade 3 visor(VS) and shade 5 visor (VS5) also available.



## Vision Shield VS30

AS/NZS 1337 High Impact Vision Shield designed to protect the wearer from foreign particles / dust / chemical splash. Available with Anti-Fog shield.

Part Number	Description
VS30	Vision Shield with Brow Guard and Clear Moulded Lens
VS10	Vision Shield Brow Guard only
VS20	Vision Shield Moulded Clear PC Lens







### Vision Shield VS70

This special purpose mesh visor is designed to protect the wearer from woodchips and branches, along with other applications.



Part Number	Description
<b>VS70</b>	Vision Shield with Brow Guard and Mesh Visor
<b>VS10</b>	Vision Shield Brow Guard only
<b>VS60</b>	Vision Shield Mesh Visor

## WELDING BLANKETS



### Heat Shield® Welding Blanket

HeatShield® is manufactured from E Glass fibre which is a non-combustible, flexible, inorganic material that has been specifically designed to provide retention of heat. HeatShield® has a service temperature of 500°C with a 100% duty cycle providing a wide scope, while fulfilling most applications.

Specifications:

- Continuous working temperature: 500°C
- Thickness 2.2mm
- Weight 1150g/m<sup>2</sup>



Product Code	Width
<b>HSB63</b>	900 x 1800mm
<b>HSB66</b>	1800 x 1800mm



### T1000 Welding Blanket

T1000 has been developed to provide a blanket fabric that will be unaffected by surface temperatures of 800°C continuously.

- Continuous working temperature: 800°C
- Thickness 2.2mm
- Weight 1150g/m<sup>2</sup>



Product Code	Width
<b>T100063</b>	900 x 1800mm
<b>T100066</b>	1800 x 1800mm



### Welding Blanket

- Heavy duty chrome leather for added durability
- Generous size 1800mm x 1800mm
- Moderate heat protection
- Kevlar stitched to increase resistance to heat, cuts and abrasion
- Sold individually

NOTE: Leather welding blankets are designed to deflect welding spatter onto an inflammable surface.

To prolong the life of the welding blanket, do not let welding spatter accumulate as this will cause damage.

Product Code: WB



## WELDING DRAPES



### Chrome Leather Drapes

A leather drape manufactured from selected chrome split leather is Elliott Australia's economical robust, all purpose drape.

Specifications:

- Continuous working temperature 80°C
- Thickness 1.4mm



Part Number	Width
<b>CLD1818</b>	1800 x 1800mm
<b>CLD189</b>	1800 x 900mm

## WELDING FRAMES



### Welding Frames

The welding frame's super strength tubing provides a neat appearance and it's easy to assemble with sturdy platform legs.

- Available in multi-panel screens and cubicles
- Static (not moveable) or mobile (moveable on castors)



Part Number Red	Width	Drop
<b>F511300</b>	1300mm	1800mm
<b>F511800</b>	1800mm	1800mm
<b>F511200</b>	2000mm	1800mm
<b>F512600</b>	2600mm	1800mm

- Frames and screens sold separately
- Optional Accessories

Part Number	Width
<b>F510100</b>	Set of 4 castors
<b>F510101</b>	Hinge set (2)

## WELDING SCREENS



### Welding Screens

Elliott Australia recognises the need for not only standard sizes but also the need for screens in specific sizes, no matter how large or small.

- Special sizes available on request
- Frames not included



Part No. Red	Part No. Green	Width	Drop
<b>STS1813R</b>	<b>STS1813G</b>	1300mm	1800mm
<b>STS1818R</b>	<b>STS1818G</b>	1800mm	1800mm
<b>STS1820R</b>	<b>STS1820G</b>	2000mm	1800mm
<b>STS1826R</b>	<b>STS1826G</b>	2600mm	1800mm
<b>STS1839R</b>	<b>STS1839G</b>	3900mm	1800mm
<b>STS1845R</b>	<b>STS1845G</b>	4500mm	1800mm
<b>STS1852R</b>	<b>STS1852G</b>	5200mm	1800mm



# LIFTING & MATERIAL HANDLING



## BALL TRANSFERS



### Ball Transfers

- Enable smooth simple transfer of flat objects in any direction, multi-directional movement is essential where the need to move heavy loads is paramount
- Ideally suited for transferring from one conveyor to another
- Commonly used around presses, guillotines and machining centres
- Richmond can custom design and manufacture specific sized Transfer Tables to suit your requirements

Model Measurement	Capacity (kg)	Diameter (mm)	Ball Material
<b>BALLTRANS</b>	45	25.4	Mild Steel

## CASTORS & WHEELS



**RICHMOND**  
WHEEL AND CASTOR CO



Swivel  
S3710B

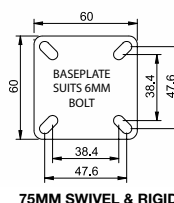
### Utility Series Castors

- Capacity up to 70kg per castor
- Zinc plated, pressed metal construction, providing a corrosion resistant finish
- Choice of nylon or grey non-marking wheels
- Ideal for light duty applications including wire baskets, display equipment and light trolley applications
- Bolt hole series castors also available

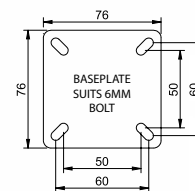


Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity	Height (mm)	Swivel Radius with brake	Rigid Code	Swivel Code
75	25	Rubber	<b>RN3301</b>	Ball	50/40	98	65 85	<b>R3711</b>	<b>S3710</b>
75	25	Nylon	<b>NY3324</b>	Plain	50/40	98	65 85	<b>R3709</b>	<b>S3708</b>
100	25	Rubber	<b>RN4401</b>	Ball	70/60	134	90 100	<b>R4711</b>	<b>S4710</b>
100	25	Nylon	<b>NY4415</b>	Plain	70/60	134	90 100	<b>R4717</b>	<b>S4716</b>

To order castor with Swivel Lock & Brake, add B to the end of the Swivel Code, eg S3708B indicates a brake castor.



75MM SWIVEL & RIGID



100MM SWIVEL & RIGID

## BINS - TIPPING

**PALL MALL**

### Tilt Cart

Pedal controlled tip device makes tipping effortless. The bin is hinged at the front. Depress the pedal, the bin is released for easy tipping. Drop the bin back into its catch and wheel away on four tough nylon wheels. The 450 litre capacity bin, despite its size, fits through standard doorways. Collect garbage bags, waste, laundry in shopping centres, factories, hotels.



Part Number	Description	Size
<b>BBIN450B</b>	Tilt Cart	450 Litre





**RICHMOND**  
WHEEL AND CASTOR CO

### Light Industrial Series Castors

- Capacity up to 125kg per castor
- Robust twin race swivel action for long life
- Zinc plated corrosion resistant frame
- Pressed metal castor
- Ideal for use on mobile equipment in hospitals, nurseries, shops and industry

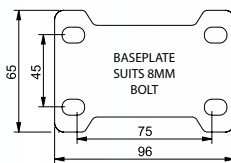


Swivel  
S4404B

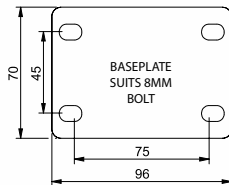


Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity	Height (mm)	Swivel Radius with brake	Rigid Code	Swivel Code
75	32	Reb Rubber	RR3348	Ball	80/45	108	71	R3351	S3350
75	30	Nylon	NY3321	Plain	125/100	108	71	R3305	S3304
100	32	Reb Rubber	RR4473	Ball	100/80	131	84	R4405	S4404
100	30	Nylon	NY4417	Plain	125/100	131	84	R4407	S4406
125	32	Reb Rubber	RR5573	Ball	100/80	160	100	R5505	S5504
125	30	Nylon	NY5517	Plain	125/100	160	100	R5507	S5506

To order castor with Swivel Lock & Brake, add B to the end of the Swivel Code, eg S4404B indicates a brake castor.



75 -125MM RIGID CASTOR



75 -125MM SWIVEL CASTOR



**RICHMOND**  
WHEEL AND CASTOR CO

### Heavy Industrial Series Castors

- Capacity up to 500kg per castor
- The Heavy Industrial Castor has been developed to meet exacting demands by customers wanting castors capable of being transported long distances
- 6mm thick baseplate with welded forks provides strength and resistance to flexing
- Grease nipple maintains smooth operation of swivel
- Zinc plated finish for corrosion resistance
- Industry Leading Swivel Lock & Brake design

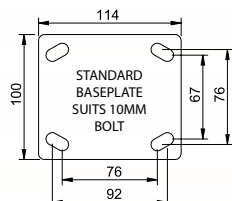


Swivel  
S6644SLB



Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity	Height (mm)	Swivel Radius with brake	Rigid Code	Swivel Code
100	50	Poly Nylon	PU4409	Ball	250/200	142	84	R4411	S4410
125	50	Poly Nylon	PU5509	Ball	350/300	165	100	R5511	S5510
150	50	Poly Nylon	PU6071	Ball	400/300	190	124	R6645	S6644
200	50	Poly Nylon	PU8071	Ball	400/300	241	156	R8850	S8849

To order castor with Swivel Lock & Brake, add SLB to the end of the Swivel Code, eg S6644SLB indicates a brake castor.



**RICHMOND**  
WHEEL AND CASTOR CO

### 300 Series Castors

- Capacity up to 300kg per castor
- Sturdy pressed metal castor
- Medium duty castor that can be used on any style of mobile equipment
- Castor meets all dimensional and performance standards
- Higher load bearing capacity allows for use on a wider range of applications

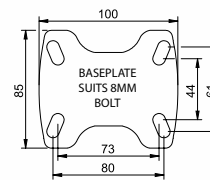


Swivel  
S4032B

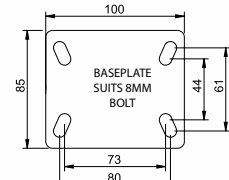


Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity	Height (mm)	Swivel Radius with brake	Rigid Code	Swivel Code
100	35	Reb Rubber	RR4077	Ball	150/110	130	90	R4043	S4042
100	35	Nylon	NY401	Plain	200/150	130	90	R4033	S4032
125	35	Reb Rubber	RR5077	Ball	200/150	157	112	R5043	S5042
125	35	Nylon	NY501	Plain	200/150	157	112	R5033	S5032

To order castor with Swivel Lock & Brake, add B to the end of the Swivel Code, eg S4032B indicates a brake castor.



RIGID CASTOR



SWIVEL CASTOR



**RICHMOND**  
WHEEL AND CASTOR CO

### Steel Centred Pneumatic Wheels

- Capacity up to 300kg per wheel
- Three piece rims are zinc plated and fitted with rubber sealed precision bearings providing longer life
- Two piece rims enamel plated and fitted with flange ball bearings
- Commonly used in garden, industrial and agricultural equipment and concrete mixers
- Grey non marking tyres available, tyre and tube also sold separately



Norm Wheel Diameter (mm)	Tyre Width (mm)	Boss Width (mm)	Axle Diameter	Bearing Type	Tyre Size	Tyre Tread Pattern	Load Capacity	Wheel Code
210	60	60	5/8", 3/4" or 20mm	Ball	250 x 4	Lug	100	PN8860 *
260	83	60	5/8", 3/4" or 20mm	Ball	4.10 x 350 x 4	Highway	180	PN1066 *
400	100	75	1"	Flange Ball	400 x 8	Knobby	200	PN1608
400	100	94	25mm	-	400 x 8	Highway	300	PN1616NOHUB

Wheel code marked with \* indicates 3 piece rim. All other rims are two piece.



# LIFTING & MATERIAL HANDLING



**RICHMOND**  
WHEEL AND CASTOR CO

Swivel  
S1067

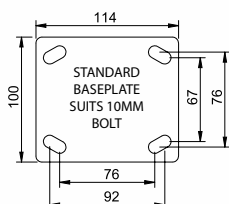


## Pneumatic Series Castors

- Capacity up to 180kg per castor
- Thick welded steel frame
- Whether used over soft or hard ground, the pneumatic castor gives comfortable ride characteristics, protecting loads
- Ideal for outdoor use
- Precision rubber sealed bearings fitted to the pneumatic wheels increase water resistance and decrease rolling resistance



Diameter (mm)	Width (mm)	Wheel Type	Wheel Code	Bearing Type	Load Capacity	Height (mm)	Swivel Radius	Rigid Code	Swivel Code
200	60	Pneumatic	PN8860	Ball	100	240	160	R8862	S8861
250	85	Pneumatic	PN1066	Ball	180	310	200	R1068	S1067



PN1075



PN1610



**RICHMOND**  
WHEEL AND CASTOR CO

## Plastic Centred Pneumatic Wheels

- Capacity up to 200kg per wheel
- Quality plastic rim, light weight design
- Corrosion and rust resistant rim
- Suitable for applications in wet/damp environments including: Nursery Trolleys and Equipment, Hand Trucks, Agricultural Equipment
- Economic alternative to steel rimmed pneumatics. Tyre and tube also sold separately.



Nom Wheel Diameter (mm)	Tyre Width (mm)	Boss Width (mm)	Axle Diameter	Bearing Type	Tyre Size	Tyre Tread Pattern	Load Capacity	Wheel Code
265	88	60	5/8 or 3/4"	Flange Bearing	410 x 350 x 4	Diamond	100	PN1075
420	150	106	1"	Flange Bearing	16 x 650 x 8	Turf	200	PN1610



DIAMOND TREAD



TURF TREAD



**RICHMOND**  
WHEEL AND CASTOR CO

PF1084



## Puncture Proof Pneumatic Wheels

- Capacity up to 200kg per wheel
- Why buy a pneumatic wheel when there is a better option?
- Richmond's fully puncture proof foam filled wheels eliminates flat tyres and replacing tubes
- High load capacities suited to hand trucks, nursery equipment, industrial and agricultural equipment
- Combines the strength and stability of a solid rubber wheel with the smooth cushioned ride of a pneumatic wheel



Nom Wheel Diameter (mm)	Tyre Width (mm)	Boss Width (mm)	Axle Diameter	Bearing Type	Tyre Size	Tyre Tread Pattern	Load Capacity	Wheel Code
215	55	60	3/4"	Ball Bearing	2.50 - 4	Lug	100	PF8881
255	83	60	3/4"	Ball Bearing	4.10/3.50 - 4	Industrial	100	PF1084
400	150	102	1"	Flange Bearing	16 x 6.50 - 3	Turf	200	PF1628



INDUSTRIAL TREAD



TURF TREAD



LUG TREAD

## CHAIN - ALLOY - T80



## Grade T(80) Alloy Chain

- Complies to AS2321.2001
- Safety factor 4:1

Product Code	Size mm	Meters Per 100kg	W.L.L Tonne
148006	6	115	1.1
148008	8	71	2
148010	10	45	3.2
148013	13	26	5.3
148016	16	17	8
148020	20	11	12.5
148022	22	9	15
148026	26	6	21.2
148032	32	4	31.5



## CHAIN - LASHING GRADE 70



### Grade 70 Load Chain Kit

- With Winged Grab Hooks\* each end and 9 metres of G70 chain.
- Zinc Di-chromate (Gold) Finish
- **Grade 70 Lashing & Fittings are not to be used for lifting purposes**

\* NOTE: The use of some grab hooks or systems incorporating grab hooks cause bending to occur on the link of lashing chain to which the grab hook is engaged. The bending and shearing effect of the hook reduces the strength of the chain by 25 percent and as such, the lashing capacity (LC) of this type of system must be reduced by 25 percent as prescribed in Australian Standard AS/NZS4344:2001

Product Code	Chain Size mm	Lashing Capacity kg
145128	8	3800



### Regular Link Mild Steel Proof Coil Chain

- Hot Dipped Galvanised

Product Code	Size mm	Meters Per 100kg
100303PP	3	498.0
100304PP	4	305.0
100305PP	5	193.0
100306PP	6	120.0
100308PP	8	74.1
100310PP	10	47.1
100313PP	13	27.7

## CHAIN - TRANSPORT GRADE 70



### Short Link Grade 70 Transport Chain

- Zinc Di-chromate (Gold) Finish
- Complies to AS/NZS 4344-2001

Product Code	Chain Size mm	Metres per 100kg	Lashing Capacity kg
145006	6	131.40	2300
145007	7	90.90	3000
145008	8	71.50	3800
145010	10	46.40	6000
145013	13	29.90	9000

## CHAIN BLOCKS



### 3G Industrial Manual Chain Blocks

Complies to AS1418.2 and CE approved  
Colour Coded to Match International Lifting Standard

Product Code	Rated Capacity kg	Lift Height m	Colour	Load Chain Size mm	Chain Falls
500053M	500	3	White*	5 x 15	1
500056M	500	6	White*	5 x 15	1
500103M	1000	3	Violet*	6 x 18	1
500106M	1000	6	Violet*	6 x 18	1
500203M	2000	3	Green	10 x 30	1
500206M	2000	6	Green	10 x 30	1



### Industrial Chain Blocks

GARRICK Chain Blocks are manufactured to highest quality standards making them suitable and safe for use in industrial, mining etc applications. They comply with Australian Standard AS/NZS1418.2 A Test Certificate and instruction manual is supplied with every Chain Block.

Part Number	Capacity	Lift
GCB0022	0.25 Tonne	2 Metre
GCB0053	0.5 Tonne	3 Metre
GCB0056	0.5 Tonne	6 Metre
GCB0103	1 Tonne	3 Metre
GCB0106	1 Tonne	6 Metre
GCB0203	2 Tonne	3 Metre
GCB0206	2 Tonne	6 Metre
GCB0303	3 Tonne	3 Metre
GCB0306	3 Tonne	6 Metre
GCB0503	5 Tonne	3 Metre
GCB0506	5 Tonne	6 Metre
GCB1006	10 Tonne	6 Metre



## CHAIN SLINGS



### Grade 80 Single Leg Chain Sling with Clevis Sling Hook

- Complete with Safety Latch and Shortening Grab Hook
- Complies to AS3775.1-2004

Product Code	Chain Size mm	Effective Length m	W.L.L. no deration kg
CSA071125	7	1	1500
CSA081125	8	1	2000
CSA081225	8	2	2000





# LIFTING & MATERIAL HANDLING



## Grade 80 Double Leg Chain Sling with Clevis Sling Hook

- Complete with Safety Latch and 2 Shortening Grab Hooks
- Complies to AS3775.1-2004



Product Code	Chain Size mm	Effective Length m	W.L.L. @ 60° (no deration) kg
CSA072125	7	1	2600
CSA072225	7	2	2600

## CONVEYOR ROLLERS



**RICHMOND**  
WHEEL AND CASTOR CO

### Gravity Rollers

- Richmond Gravity Rollers allow free moving, efficient and safe transportation of goods at any operational stage
- Richmond Gravity Rollers are securely attached in the frame maximising roller and bearing function
- Rollers have spring loaded shafts for easy installation and hassle free maintenance
- Rollers are available in Steel (Zinc Plated), Nylon and are also available in Stainless Steel
- Richmond custom manufacture rollers to all sizes

Model Measurement	Face Width	Over Bearing Width (mm)	Diameter (mm)	Material Type	Load Capacity per roller (kg)	To Suit Overall Conveyor Width (mm)
CR50x230ST	217	227	50	Steel	120	290
CR50x230NY	206	227	48	Nylon	40	290
CR50x390ST	377	387	50	Steel	120	450
CR50x390NY	366	387	48	Nylon	30	450
CR50x540ST	527	537	50	Steel	120	600
CR50x540NY	516	537	48	Nylon	20	600

## CONVEYORS



**RICHMOND**  
WHEEL AND CASTOR CO

### Gravity Conveyor with Stands

- Richmond Gravity Rollers allow free moving, efficient and safe transportation of goods at any operational stage
- Roller conveyors are ideal for moving heavy and non standard shaped items along processing and packaging lines
- Interlocking sections make for greater flexibility for additions and subtractions
- Interlocking mechanism provides safety and ensures maximum efficiency
- Side channel and cross members are made from steel for maximum rigidity and are attractively powder coated for a top quality aesthetic appearance
- Adjustable height of 715 – 1015mm

It is recommended that there be a minimum of three rollers under the goods to be transported at any time. Roller Pitch is determined by the size of goods to be transported, in the instances of various sizes, roller pitch is determined by the size of the smallest goods to be transported.

Curved Sections available on request (45 degrees and 90 degrees)

Model	Length (A) mm	Pitch mm	Overall Width (B) mm	Number of Rollers	Roller Material
CGL1P2290STS	1500	115	290	13	Steel
CGL3P2290STS	3000	115	290	26	Steel
CGL1P2450STS	1500	115	450	13	Steel
CGL3P2450STS	3000	115	450	26	Steel
CGL1P2600STS	1500	115	600	13	Steel
CGL3P2600STS	3000	115	600	26	Steel

## CRANES - ENGINE



### Engine Crane Foldable 1,000kg

- Adjustable boom
- 8 Ton long stroke lifting ram
- Dimensions: (Arms Ext) – 1690(L) x 1028(W) x 1565(H) mm
- Lifting range: 600-1740mm
- Nett weight: 100kg

Part Number: 1001





## CYLINDERS - HYDRAULIC - SINGLE ACTING



### SM Cylinders, Single Acting, Spring Return

- Equipped with hardened grooved saddles.
- Industrial general purpose cylinders.
- Designed for use in all positions.
- Provided with collar threads, plunger internal threads and tapped holes in the base, for easy mounting.
- Hard chrome-plated piston with wiper seal extends cylinder life.
- Heavy cylinders have carrying handles or eye bolts as standard.

SM01002 and SM01502 models are not provided with removable saddles. The top side of the piston has been hard-treated to upgrade its resistance.

Product Number	Capacity Ton	Stroke mm	Diameter mm	Collapsed Height mm
SM00502	5	25	40	110
SM00508	5	76	40	168
SM00513	5	127	40	219
SM00518	5	180	40	276
SM00523	5	232	40	328
SM01002	10	25	60	90
SM01005	10	54	60	121
SM01010	10	105	60	172
SM01015	10	155	60	247
SM01020	10	205	60	301
SM01025	10	257	60	352
SM01030	10	307	60	402
SM01035	10	355	60	454
SM01502	15	25	75	127
SM01505	15	54	75	155
SM01510	15	105	75	205
SM01515	15	155	75	275
SM01520	15	205	75	327
SM01525	15	257	75	379
SM01530	15	307	75	426
SM01535	15	355	75	47
SM02302	23	25	85	140
SM02305	23	51	85	166
SM02310	23	102	85	217
SM02315	23	159	85	277
SM02321	23	210	85	327
SM02326	23	261	85	379
SM02331	23	310	85	430
SM02336	23	362	85	480
SM03006	30	60	100	165
SM03015	30	150	100	270
SM03021	30	210	100	340
SM05006	50	60	127	176
SM05010	50	102	127	227
SM05016	50	160	127	285
SM05034	50	339	127	465
SM07516	75	160	146	285
SM07533	75	330	146	495
SM10006	100	60	177	180
SM10015	100	150	177	300
SM10026	100	260	177	449
SM14006	140	60	216	190
SM14015	140	150	216	320
SM14026	140	260	216	470
SM22015	220	150	250	340



### SH Series Hollow Cylinders, Single Acting, Spring Return

- Designed for carrying out push and pull operations, tightening of cables, bars, bolts, etc., extraction of sleeves, bearing, etc.
- Supplied with collar threads and tapped holes in the base for easy mounting.
- Supplied with removable smooth hollow saddle. Optional threaded saddles are also available.
- A range of double acting hollow cylinders in steel and aluminium is also available.

Product Number	Capacity Ton	Stroke mm	Diameter mm	Centre Hole mm	Collapsed Height mm
SH01204	12	40	75	21	124
SH01208	12	76	75	21	176
SH01215	12	150	75	21	300
SH02205	22	50	105	27	165
SH02215	22	150	105	27	318
SH03005	30	50	120	33	180
SH03015	30	150	120	33	322
SH06008	60	76	165	54	253
SH06015	60	153	165	54	341
SH10008	100	80	220	80	306



### SMX Cylinders, Pancake Style, Spring Return

- Single acting, spring return, pancake cylinders, designed for use in confined spaces.
- Coupler is inclined at 10 degrees to provide clearance.
- STX Lock nut versions are also available.

Product Number	Capacity Ton	Stroke mm	Width mm	Collapsed Height mm
SMX00406	4	6	41	33
SMX00416	4	16	41	43
SMX01011	10	11	56	43
SMX02211	22	11	80	52
SMX03013	30	13	95	59
SMX05016	50	16	114	68
SMX07516	75	16	140	79
SMX10016	100	16	162	87
SMX15016	150	16	194	100



# LIFTING & MATERIAL HANDLING

## CYLINDERS - HYDRAULIC - DOUBLE ACTING



### D Series Double Acting Cylinders

- For push and pull applications.
- Engineered with extended length piston and stop rings to provide high cycle life.
- Hard chrome-plated piston.
- Guide and seal system of highest quality.
- Relief valve for prevention from accidental over-pressure.
- Optional tilting saddles available
- Aluminium versions also available.



Product Number	Capacity Push Ton	Capacity Pull Ton	Stroke mm	Diameter mm	Collapsed Height mm
D01016	10	2	160	60	310
D01025	10	2	250	60	400
D01032	10	2	320	60	470
D02016	20	5.3	160	83	320
D02025	20	5.3	250	83	410
D02032	20	5.3	320	83	480
D03016	30	6.8	160	102	335
D03032	30	6.8	320	102	495
D05016	50	7	160	127	335
D05032	50	7	320	127	510
D07516	75	14	160	150	338
D07532	75	14	320	150	512
D10016	100	19	160	177	339
D10032	100	19	320	177	509
D15005	140	37	50	215	258
D15015	140	37	150	215	378
D15030	140	37	300	215	528
D20005	200	56	50	265	24
D20015	200	56	150	265	394
D20030	200	56	300	265	544
D35005	330	101	50	330	299
D35015	330	101	150	330	419
D35030	330	101	300	330	569
D55005	550	171	50	430	383
D55015	550	171	150	430	518
D55030	550	171	300	430	668

## CYLINDERS - HYDRAULIC - MAINTENANCE SET



### CA Series Maintenance Sets

- Maintenance sets include a range of cylinder attachments which enable setups to carry out operations such as pushing, separating, joining, lifting, compressing, stretching and fixing.

- 5, 10 and 20 ton models are offered.

*Note: The cylinder provides the nominal tonnage. When setups are used that will give off-centre loading to the cylinder, the unit can only be used at 50% of its capacity, i.e. at a maximum pressure level of 350 bar.*



Part No.	Capacity Ton	Pump and Cylinder Incl.	Accessories Included	Spread Cylinder Included	Metal Case Included
CA1110	10	✓	✓		✓
CA1113	10	✓	✓	✓	✓
CA2010	20	✓	✓	✓	✓
CA2013	20	✓	✓	✓	✓

## CYLINDERS - HYDRAULIC - PULLER SET



### FU Series Hydraulic Puller Sets

- Delivered in a strong wooden box for easier transport and secure storage.
- Puller components are in high quality forged steel and include the Grip puller, the Cross bearing puller, Bearing cup puller and the Bearing puller
- Hydraulic components include the cylinder, pump, hose, gauge adaptor, gauge and male coupling.
- Individual groups such as the triple grip puller are available separately.
- Self centering grip puller sets are also available

Part No.	Capacity Ton	Pump and Cylinder incl	Grip Puller	Cross Bearing Puller	Bearing Cup Puller	Bearing Puller
FU0500	5	✓	✓	✓	✓	✓
FU1000	10	✓	✓	✓	✓	✓
FU2000	20	✓	✓	✓	✓	✓
FU3000	30	✓	✓	✓	✓	✓
FU5000	50	✓	✓	✓	✓	✓

## DRUM - DOLLIES



### 20 Litre Drum Dolley

- Includes 4 heavy duty casters
- Provides a convenient and easy means of moving 20 litre drums around a workshop
- Occupational Health and Safety friendly
- Also suitable for 20kg drums

**Part Number: 80082**



### 205 Litre Drum Dolley

- Includes 4 heavy duty casters, 75mm in diameter
- Provides a convenient and easy means of moving 205 litre drums around a workshop, warehouse or production facility
- Industrial quality steel construction
- Reduces the physical effort of drum handling and provides a safer working environment
- Occupational Health and Safety friendly
- Can convert an empty drum into a mobile container

**Part Number: 80100**





## DRUM - RACK



### 205 Litre Drum Rack

- Designed for the convenient moving, safe storage and decanting of 205 litre drums
- Ideal for workshops, warehouses and production facilities
- Reduces the physical effort of drum handling
- Sturdy construction with a maximum carrying capacity of 317kg
- Dimensions of 770mm (L) x 510mm (W) x 500mm (H)

Part Number: 80205



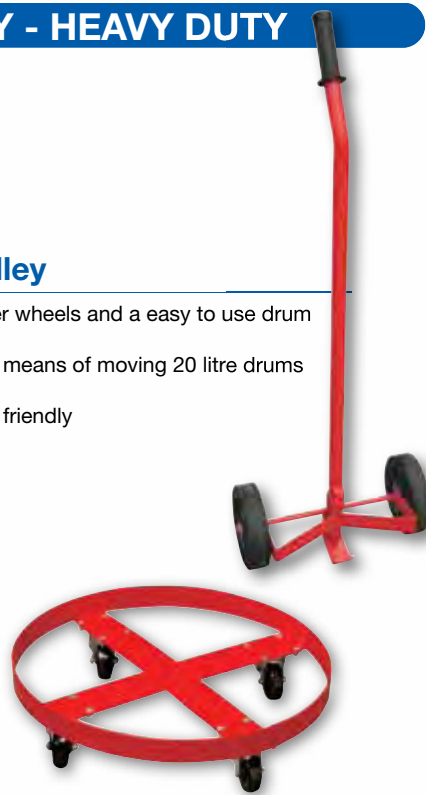
## DRUM - TROLLEY - HEAVY DUTY



### Heavy Duty Drum Trolley

- Includes two 150mm high rubber wheels and a easy to use drum locking device
- Provides a easy and convenient means of moving 20 litre drums around a workshop
- Occupational Health and Safety friendly

Part Number: 80096



**RICHMOND**  
WHEEL AND CASTOR CO

### Steel Drum Trolley

Model	Capacity	Drum Size	Inside Diameter
Measurement	kg	Litre	mm
DCM44027H1	225	200	605

## EYEBOLTS



### Metric Shouldered Eye Bolts to DIN580

- "Gold" Zinc Dichromate Finish

Product Code	Size mm	W.L.L Tonnes
359108	8	0.14
359110	10	0.23
359112	12	0.34
359116	16	0.70
359120	20	1.20
359122	22	1.50
359124	24	1.80
359130	30	3.60
359136	36	5.10



## GIRDER CLAMPS



### Girder Clamps

Robust all steel construction. They comply with Australian Standard ASNZS1418.2 and meet or exceed other International Standards such as GS, CE & ANSI. Adjustable to various beam widths. A Test Certificate and instruction manual is supplied with every Clamp.



Part Number	Capacity	Beam Width
GGC010	1 Tonne	75 - 230 mm
GGC020	2 Tonne	75 - 230 mm
GGC030	3 Tonne	80 - 320 mm
GGC050	5 Tonne	90 - 320 mm
GGC100	10 Tonne	90 - 320 mm

## GIRDER TROLLEYS - ELECTRIC



### Electric Trolleys - Model Type: BET-1 240volt 50Hz (Single Phase Model)

Product Code	Rated Capacity Pulling kg	Voltage v	Beam Range mm	Speed mpm
BET1200	2000	240	75-180	20
BET1100	1000	240	75-180	20



### Electric Trolleys - Model Type: BET 415volt 50Hz (Three Phase Model)

Product Code	Rated Capacity Pulling kg	Voltage v	Beam Range mm	Speed mpm
BET2000	2000	415	75-180	20
BET1000	1000	415	75-180	20



# LIFTING & MATERIAL HANDLING

## GIRDER TROLLEYS - GEARED



### Geared Trolleys

Robust all steel construction. They comply with Australian Standard ASNZS1418.2 and meet or exceed other International Standards such as GS, CE & ANSI. Adjustable to various beam widths. A Test Certificate and instruction manual is supplied with every Trolley.



Part Number	Capacity	Beam Width
GGT010	1 Tonne	64 - 210 mm
GGT020	2 Tonne	88 - 210 mm
GGT030	3 Tonne	102 - 210 mm
GGT050	5 Tonne	114 - 210 mm
GGT100	10 Tonne	125 - 210 mm

## GIRDER TROLLEYS - HAND



### Push Trolleys

Robust all steel construction. They comply with Australian Standard ASNZS1418.2 and meet or exceed other International Standards such as GS, CE and ANSI. Adjustable to various beam widths. A Test Certificate and instruction manual is supplied with every Trolley.



Part Number	Capacity	Beam Width
GPT005	0.5 Tonne	64 - 152 mm
GPT010	1 Tonne	64 - 210 mm
GPT020	2 Tonne	88 - 210mm
GPT030	3 Tonne	102 - 210 mm
GPT050	5 Tonne	114 - 210 mm

## GIRDER TROLLEYS - PUSH



### Push Girder Trolleys

- Complies to AS1418.2 and CE approved
- Colour Coded to Match International Lifting Standard



Product Code	Capacity W.L.L. kg	Colour	Beam Width mm
522100S	10000	Orange	124 - 305
522050S	5000	Red	114 - 305
522030S	3000	Yellow	100 - 305
522020S	2000	Green	88 - 203
522010S	1000	Violet	64 - 203
522005S	500	White	50 - 152

## HAND TROLLEYS



**RICHMOND**  
WHEEL AND CASTOR CO

Dual Purpose  
Hand Trolley

Heavy Duty  
Hand Trolley



### Heavy Duty Aluminium Hand Trolley

Model	Capacity	Trolley Size	Wheel Type	Platform	Net Weight	Overall Size
Measurement	kg	mm		mm	kg	mm
HTHA1001	250	310x1565	PNEUMATIC	305x1300	12.2	420x510x1260

### Dual Purpose Heavy Duty Hand Trolley

Model	Capacity	Trolley Size	Platform Size	Wheel Type	Overall Size
Measurement	kg	mm	mm		mm
HTHA1005	250	305x1310	305x970	PNEUMATIC	520x1190x1030
HTHA1009	250	305x1565	305x1300	PNEUMATIC	520x1450x1150

## HAND TROLLEY - CASE & CRATE



### Case & Crate Trolley

- Suitable for small to medium sized boxes or crates
- Long heavy duty pipe metal frame allow for easy stacking
- Handle positioned to protect hands from load
- Strong metal construction with 200kg weight capacity
- 10" pneumatic size wheels to allow easy movement
- Wheels come with special bearing protectors

Part Number: STTY0001

Dimensions	
Height	1200mm
Width	540mm
Shoe	350 x 220 x 7mm

Dimensions	
Weight of Trolley	15kgs
Load Capacity	200kgs



## HAND TROLLEYS - FOLDING



### Folding Aluminium Trolley

#### CHARACTERISTICS

- Folds down easily
- 90kg capacity
- Light weight, weighs only 6.5kg

#### TYPICAL APPLICATIONS

- Factories, shops and delivery drivers

Product Code: HT10





## HAND TROLLEYS - HEAVY DUTY

### STANLEY

#### Large Heavy Duty Trolley

- Made strong, durable and lightweight
- Fully powder coated for longer lasting finishing and rust prevention
- 25mm mild steel tubing construction
- Protective plastic buffer to prevent scratching goods
- Flat steel front support for added balance control
- 20mm solid bright bar supports
- Load capacity 200kgs
- 10" pneumatic wheels
- Made safer with Stanley yellow
- Extra front and side bar supports

Part Number: STTY04

Dimensions	
Height	1520mm
Width	640mm
Shoe	435 x 230 x 9mm

Dimensions	
Weight of Trolley	19kgs
Load Capacity	200kgs



## HAND TROLLEYS - MULTI PURPOSE

### STANLEY

#### Multi Purpose Trolley

- Made strong, durable and lightweight
- Fully powder coated for longer lasting finish and rust prevention
- 25mm mild steel tubing construction
- Foam EMA grip for extra comfort and control
- 20mm solid bright bar supports
- Load capacity 160kgs
- 10" Pneumatic wheels
- Made safer with Stanley yellow
- Extra front bar support

Part Number: STTMP101

Dimensions	
Height	1210mm
Width	540mm
Shoe	330 x 210 x 4mm

Dimensions	
Weight of Trolley	13.8kgs
Load Capacity	160kgs



## HAND TROLLEYS - STAIR CLIMBER

### STANLEY

#### Large Stair Climber Trolley

- Made strong durable and lightweight
- Fully powder coated for longer lasting finish and rust prevention
- 25mm mild steel tubing construction
- Protective plastic buffer to prevent scratching goods
- Flat steel front supports for added balance control
- 20mm solid bright bar supports
- Load capacity 200kgs
- 3 x 6" wheels
- Made safer with Stanley yellow
- Extra side bar support

Part Number: STTY03

Dimensions	
Height	1520mm
Width	640mm
Shoe	435 x 230 x 9mm

Dimensions	
Weight of Trolley	19kgs
Load Capacity	200kgs



## HAND TRUCK - APPLIANCE



#### Appliance Hand Truck – 200kg

- Robust construction for extra strength and fully powder coated
- Fully welded frame gives maximum strength and longevity
- Ratchet safety strap and jockey wheels fitted as standard
- Plastic protector strips to help prevent damage to the load
- Three wheel options available to suit most applications
- Height 1272mm, width 612mm and shoe size 455mm x 204mm
- Ideal for use on bar refrigerators, washing machines, dishwashers and medium size furniture



Product No.	Description	Load Rating
FW71503	Appliance - Stairclimber Wheels	200kg
FW71504	Appliance - 11" Pneumatic Tyres	200kg
FW71505	Appliance - 11" Solid Tyres	200kg

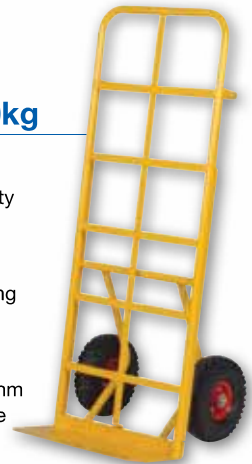
## HAND TRUCK – HEAVY DUTY



#### Wide Heavy Duty Hand Truck – 250kg

- Heavy-duty construction for extra strength and fully powder coated
- Fully welded frame gives maximum strength and longevity
- Extra wide (500mm) frame to support larger loads and ergonomically designed handles offer better comfort and control
- Wide shoe (510mm) allows for easy loading and unloading of boxed loads and cartons
- Designed to lay back in the rest position to assist with tilting during use
- Height 1346mm, width 510mm shoe size 510mm x 209mm
- Ideal for transporting boxes, crates, cartons and furniture

Product Code: FW71514

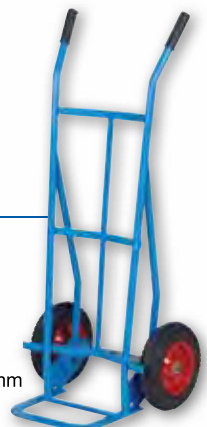


## HAND TRUCK - MEDIUM DUTY



#### Medium Duty Hand Truck – 200kg

- Medium-duty construction for extra strength and fully powder coated
- Fully welded frame gives maximum strength and longevity
- Contoured back frame and ergonomically designed handles offer better comfort and control
- Two wheel options available to suit most applications
- Height 1225mm, width 512mm and shoe size 355mm x 204mm
- Ideal for transporting sacks, bags, drums and containers in the landscaping and process industries



Product No.	Description	Load Rating
FW71510	Medium-Duty - 11" Pneumatic Tyres	200kg
FW71511	Medium Duty - 11" Solid Tyres	200kg



# LIFTING & MATERIAL HANDLING

## HAND TRUCK - MULTI PURPOSE



### Multi Purpose Hand Truck – 175kg

- Solid construction for strength and fully powder coated
- Fully welded frame for strength and longevity
- Straight back frame and ergonomically designed handles offer better comfort and control
- Two wheel options available to suit most applications
- Height 1209mm, width 512mm and shoe size 355mm x 227mm
- Ideal for transporting papers and magazines, cartons and boxes in the office and delivery industries



Product No.	Description	Load Rating
<b>FW71506</b>	Multi Purpose - 11" Pneumatic Tyres	175kg
<b>FW71507</b>	Multi Purpose - 11" Solid Tyres	175kg



### Multi Purpose Pram Handled Hand Truck – 175kg

- Solid construction for strength and fully powder coated
- Fully welded frame for strength and longevity
- Straight back frame and ergonomically designed pram style handle offers better comfort and control with single handed use
- Two wheel options available to suit most applications
- Height 1189mm, width 512mm and shoe size 355mm x 227mm
- Ideal for transporting papers and magazines, cartons and boxes in the office and delivery industries



Product No.	Description	Load Rating
<b>FW71508</b>	Multi Purpose Pram - 11" Pneumatic Tyres	175kg
<b>FW71509</b>	Multi Purpose Pram - 11" Solid Tyres	175kg

## HAND TRUCK - OXY CYLINDER



### Double Oxy Hand Truck – 200kg

- Robust construction for extra strength and fully powder coated
- Fully welded frame gives maximum strength and longevity
- Safety chains provided to secure cylinders
- Solid shoe with wide lips
- Larger 16" diameter tyres for ease of movement
- Height 1300mm, width 840mm and shoe size 250mm x 560mm
- Used for the storage and movement of "G" sized oxygen and acetylene gas cylinders



Product Code: FW71515

## HAND TRUCK - REFRIGERATOR



### Large Refrigerator Hand Truck – 250kg

- Heavy-duty construction for extra strength and fully powder coated
- Fully welded frame gives maximum strength and longevity
- Ratchet safety strap and jockey wheels fitted as standard
- Plastic protector strips to help prevent damage to the load
- Three wheel options available to suit most applications
- Height 1542mm, width 612mm, shoe size 455mm x 204mm
- Ideal for use on large refrigerators, wardrobes, vending machines and large furniture



Product No.	Description	Load Rating
<b>FW71500</b>	Large Refrigerator - Stairclimber Wheels	250kg
<b>FW71501</b>	Large Refrigerator - 11" Pneumatic Tyres	250kg
<b>FW71502</b>	Large Refrigerator - 11" Solid Tyres	250kg

## HAND TRUCK - SACK



### Heavy Duty Sack Truck – 250kg

- Heavy-duty construction for extra strength and fully powder coated
- Fully welded frame gives maximum strength and longevity
- Contoured back frame and ergonomically designed handles offer better comfort and control
- Two wheel options available to suit most applications
- Height 1225mm, width 512mm, shoe size 355mm x 232mm
- Ideal for transporting sacks, bags, drums and containers in the landscaping, agricultural and process industries



Product No.	Description	Load Rating
<b>FW71512</b>	Heavy Duty Sack - 11" Pneumatic Tyres	250kg
<b>FW71513</b>	Heavy Duty Sack - 11" Solid Tyres	250kg

## HOISTS - ELECTRIC



### Electric Hoists - Model Type: BEL-1 240 volt 50Hz (Single Phase)

- Complies to AS1418.2 - 2004



Product Code	Rated Capacity Pulling kg	Lift Height m	Voltage v	Chain Falls	Chain Size mm	Speed mpm
<b>BEL1306ST</b>	3000	6	240	3	7.0 x 21	1.3
<b>BEL1303ST</b>	3000	3	240	3	7.0 x 21	1.3
<b>BEL1106S</b>	1000	6	240	3	7.0 x 21	1.3





### Electric Hoists - Model Type: BEL 415volt 50Hz (Three Phase)

- Complies to AS1418.2 - 2004

Product Code	Rated Capacity Pulling kg	Lift Height m	Voltage v	Chain Falls	Chain Size mm	Speed mpm
BEL2106S	1000	6	415	1	7.0 x 21	6.3



### HOISTS - ELECTRIC - MINI



### Electric Mini Hoist 240v 50Hz (Single Phase Model)

- Robust construction suitable for building sites.

Product Code	Rated Capacity kg	Speed m/min	Lifting Height Size mm	Wire Rope	Weight Each kg
BMI1015	150	15	20	3.8	28



### HOISTS - LEVER



### 3G Industrial Manual Chain Lever Blocks

- Complies to AS1418.2 and CE approved
- Colour coded to match International lifting standard
- Available in standard lift of 1.5 metres and can be supplied with longer lifts if required

Product Code	Rated Capacity kg	Lift Height m	Colour	Load Chain Size mm	Chain Falls
504300M	3000	1.5	Yellow*	10 x 30	1
504150M	1500	1.5	Violet*	7 x 21	1
504075M	750	1.5	White*	6 x 18	1
504050M	500	1.5	White*	5 x 15	1
504025	250	1.0	Silver	4 x 12	1



**Note:** ID Plates are all steel and safety latches are cast.  
Beaver Test Certificate, instructions and safe usage manual supplied as standard.

### HOISTS - LEVER BLOCK



### Industrial Lever Hoists

GARRICK Lever Hoists are manufactured to highest quality standards making them suitable and safe for use in industrial, mining etc applications. They comply with Australian Standard ASNZS1418.2.

A Test Certificate and instruction manual is supplied with every Chain Block.



Part Number	Capacity	Lift
GLH025	0.25 Tonne	1.5 Metre
GLH050	0.5 Tonne	1.5 Metre
GLH075	0.75 Tonne	1.5 Metre
GLH150	1.5 Tonne	1.5 Metre
GLH300	3 Tonne	1.5 Metre
GLH600	6 Tonne	1.5 Metre

### HOIST - RECOVERY



### Recovery Hoist c/w Wire Rope

- 1600kg Capacity, supplied with 20m of 11mm wire rope, comes with safety hook.
- Other lengths available on request
- Complies to AS1418.2

Product Code: 519516B



### HOOKS - GRAB



### Grade 80 Clevis Shortening Grab Hook (BSG)

Product Code	Chain Size mm	W.L.L kg
886210	10	3200





# LIFTING & MATERIAL HANDLING

## HOOKS - SELF LOCKING



### Grade 80 Eye Swivel Self Locking Safety Hook (BLS)



Product Code	Chain Size mm	W.L.L kg
886516	16	8000
886513	13	5300
886510	10	3200
886507	7 & 8	1100



### Grade 80 Clevis Self Locking Safety Hook (BCSL)



Product Code	Chain Size mm	W.L.L kg
886413Y	13	5300
886410Y	10	3200
886407Y	7 & 8	2000
886406Y	6	1100

## HOSE - HYDRAULIC



### AP Series Hydraulic Hoses, 700 bar w.p. 4:1 Safety Factor

- Custom lengths available on short notice.
- Working Pressure: 700 bar; burst pressure: 2800 bar

Part Number	End "A"	End "B"	Length m	Bore mm
AP2020	3/8" NPT	3/8" NPT	2	6
AP2030	3/8" NPT	3/8" NPT	3	6
AP2040	3/8" NPT	3/8" NPT	4	6
AP2060	3/8" NPT	3/8" NPT	6	6

## JACKS - AIR/HYDRAULIC



### Air Hydraulic Jack 20,000kg

- 4 inter-changeable saddles
- Hydraulic lift: 120mm
- Adjustable height: 80mm
- Height Min: 230mm Max: 430mm
- Nett weight: 41.4kg

Part Number: 2003



## JACKS - BOTTLE



### Bottle Jack - 10,000kg Squat

- 85mm hydraulic lift
- 50mm screw extension
- 180mm overall height closed
- 315mm overall height open
- 160.8cm<sup>2</sup> base area
- 16.2kg
- Carry handle

Part Number: K12058



### Bottle Jack - 10,000kg

- 125mm hydraulic lift
- 70mm screw extension
- 205mm overall height closed
- 400mm overall height open
- 130.7cm<sup>2</sup> base area
- 6.1kg

Part Number: K12054



### Bottle Jacks

- Australian Standard AS/NZS 2538:2004

Part Number	Description	Size
BJ1850	Bottle Jack	1,850Kg
BJ4000	Bottle Jack	4,000Kg
BJ6000	Bottle Jack	6,000Kg
BJ8000	Bottle Jack	8,000Kg
BJ12000	Bottle Jack	12,000Kg
BJ20000	Bottle Jack	20,000Kg



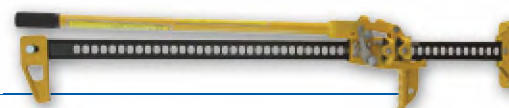
## JACKS - FARM



### FARM JACK

- Capacity - 1,250Kg
- Maximum height - 1070mm
- Used for; lifting, winching, clamping, pushing, pulling
- Popular with off road users
- Australian Standard AS/NZS 2693:2003

Part Number: FJ1



## JACKS - TRANSMISSION



### Telescopic Transmission Jack 500kg

- 500kg safe working capacity
- Height Min: 870mm Max: 1850mm
- Base dimensions: 810 x 810mm
- Nett weight: 84kg

Part Number: 2002





## JACKS - TROLLEY

**KC TOOLS**  
SUNTECH



### Trolley Jacks

- Australian Standard AS/NZS 2615:2004

Part Number	Description	Size
TJ1350	Trolley Jack	1,300Kg Working Load Limit
TJ1550	Trolley Jack	1,500Kg Working Load Limit
TJ2250	Trolley Jack	2,000Kg Working Load Limit

**KINCROME**  
WORKSHOP

### Trolley Jack - 1350kg Hydraulic

- 140mm minimum height
- 345mm maximum height
- 205mm lift height
- 66mm saddle diameter
- Collapsible handle



- 8.9kg
- Carry handle

Part Number: K12060

**Royal**  
**BLACK-JAX**  
Series

### Trolley Jack

- Complies to AS/NZS 2615:2004
- D.I.Y. Home Mechanic

Product Code: GJK022



**TO**  
radequip

### Heavy Duty Low Profile Garage Jack

- 2000kg safe working capacity
- Height: Min. 110mm Max. 510mm
- Nett weight: 47kgs

Part Number: 2019



**TO**  
radequip

### Full Aluminium Low Profile Jack

- 1900kg safe working Capacity
- Height Min: 95mm Max: 490mm
- Length: 670mm
- Width: 320mm
- Nett Weight: 26kg

Part Number: 2038



## LADDERS & ACCESSORIES

**malTEK**



### Tubular Steel Step Ladders

#### CHARACTERISTICS

- Stable and functional
- Non-skid steps and high safety arch
- 120kg industrial rated
- Conforms to AS/NZS 1892.1.199

#### TYPICAL APPLICATIONS

- Factories, shops, painters and also domestic use

Product Code	Description
2SLP	2 Step Ladder
3SL	3 Step Ladder
4SL	4 Step Ladder

**MUMME**  
PACIFIC



### Ladders - Industrial

- Used in the building and construction industry
- Also used in mines where aluminium is not allowed (e.g. underground)
- Fully welded all steel construction
- Extremely rigid and stable, does not flex like many aluminium ladders
- No slip step design for safety
- Rated to 165kg, unique design keeps centre of gravity inside base

Product Code	Description	Weight
5LI1800	1800mm Industrial Step Ladder - Tubular Steel 165kg	13.39kg
5LI2100	2100mm Industrial Step Ladder - Tubular Steel 165kg	15.23kg
5LI2400	2400mm Industrial Step Ladder - Tubular Steel 165kg	18.00kg



# LIFTING & MATERIAL HANDLING

## LADDER - ALUM - SINGLE STEP

### BAILEY

#### Olympus™ Single Sided Stepladder

- Punchlock® design for additional torsional rigidity
- Made to AS/NZS1892.1
- Anti-slip feet for added safety and stability
- Incorporates tool tray and convenient handrail at top
- Also includes Bailey's patented rapid Quicklock® folding mechanism – stable anti-walk design
- Aluminium construction – lightweight yet strong
- 120kg Industrial Duty Load Rating
- Made in Australia



Product No.	Description	Size	Weight
FS20375	Olympus 6	1.8m (6')	6.6kg
FS20376	Olympus 7	2.1m (7')	7.5kg
FS20377	Olympus 8	2.4m (8')	8.8kg

## LADDER - FIBREGLASS SINGLE STEP

### BAILEY

#### RFSS™ – Fibreglass Single Sided Stepladder

- Punchlock® design for additional torsional rigidity
- Patented Quicklock® system for a safer, more rigid ladder on sizes 1.8m to 3.6m
- Triangular flat plate bracing
- Rubber 'boots' for extra safety and protection of the fibreglass stiles
- Made to AS/NZS1892.3
- 150kg Heavy Duty Industrial Load Rating
- Made in Australia



Product No.	Description	Size	Weight
FS10490	RFSS 3	0.9m (3')	4.5kg
FS10491	RFSS 4	1.2m (4')	5.5kg
FS10492	RFSS 6	1.8m (6')	8.8kg
FS10493	RFSS 7	2.1m (7')	9.8kg
FS10494	RFSS 8	2.4m (8')	11.6kg
FS10495	RFSS 10	3.0m (10')	17.1kg
FS10496	RFSS 12	3.6m (12')	20.9kg

## LADDER - ALUM - DUAL PURPOSE

### BAILEY

#### Comet™ Dual Purpose Ladder

- Strong and safe extended position with heavy duty locking hinges
- Slightly tapered back legs provide added stability when used as a stepladder
- Punchlock® design for additional torsional rigidity
- Made to AS/NZS1892.1
- Easily converts from step to straight ladder
- Full width 75mm treads
- Made from heavy-duty aluminium
- 120kg Industrial Duty Load Rating
- Made in Australia



Product No.	Description	Size	Weight
FS20432	Comet 6	1.8/3.2m (6'/10')	8.4kg
FS20433	Comet 7	2.1/3.8m (7'/12')	9.9kg
FS20434	Comet 8	2.4/4.4m (8'/14')	10.6kg

### BAILEY

#### Professional Contractor™ Single Sided Stepladder

- Heavy duty aluminium construction
- Punchlock® design for additional torsional rigidity
- Made to AS/NZS1892.1
- Rubber feet for maximum grip on any surface with reinforcing plates to prevent foot twist
- Additional tread bracing for extra strength
- Bailey's patented Quicklock® folding mechanism for fast, safe set up
- 150kg Heavy Duty Industrial Load Rating
- Made in Australia



Product No.	Description	Size	Weight
FS20380	Professional Contractor 4	1.2m (4')	5.0kg
FS20381	Professional Contractor 6	1.8m (6')	7.7kg
FS20382	Professional Contractor 7	2.1m (7')	8.9kg
FS20383	Professional Contractor 8	2.4m (8')	10.1kg
FS20384	Professional Contractor 10	3.0m (10')	15.8kg
FS20385	Professional Contractor 12	3.6m (12')	20.7kg

### BAILEY

#### Apollo™ MkII Single Sided Stepladder

- Punchlock® design for additional torsional rigidity
- Made to AS/NZS1892.1
- Anti-slip feet for added safety and stability
- Flip top paint can holder-holds 4 litre cans
- Incorporates tool tray as well as curved handrails at top
- Also features Bailey's patented rapid Quicklock® folding mechanism – stable anti-walk design
- 120kg Industrial Duty Load Rating
- Made in Australia

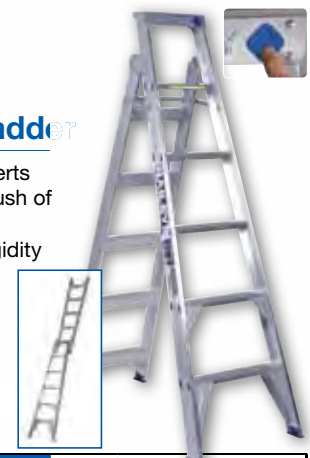


Product No.	Description	Size	Weight
FS20378	Apollo 6 MkII	1.8m (6')	6.2kg
FS20379	Apollo 8 MkII	2.4m (8')	8.6kg

### BAILEY

#### Comet Plus™ Dual Purpose Ladder

- Patented lock and release mechanism converts from straight ladder to stepladder with the push of a button
- Punchlock® design for additional torsional rigidity
- Made to AS/NZS1892.1
- Slightly tapered legs provide added stability
- Full width 75mm treads provide comfortable foot support
- Rubber feet for extra safety
- 135kg Industrial Duty Load Rating
- Made in Australia



Product No.	Description	Size	Weight
FS10857	Comet Plus 6	1.8/3.2m (6'/10')	8.4kg
FS10858	Comet Plus 7	2.1/3.8m (7'/12')	9.9kg
FS10859	Comet Plus 8	2.4/4.4m (8'/14')	10.6kg

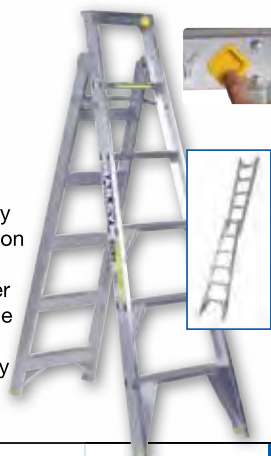


## BAILEY

### PCDP™ Dual Purpose Ladder

- Slightly tapered back legs provide added stability
- Extra heavy duty, extruded aluminium construction
- Made to AS/NZS1892.1
- Easily converts from straight ladder to stepladder
- Patented lock and release mechanism saves time
- 150kg Heavy Duty Industrial Load Rating
- Punchlock® design for additional torsional rigidity
- Rubber feet for maximum grip
- Made in Australia

Product No.	Description	Size	Weight
FS10860	PCDP 6	1.8/3.2m (6'/10')	9.9kg
FS10861	PCDP 7	2.1/3.8m (7'/12')	11.1kg
FS10862	PCDP 8	2.4/4.4m (8'/14')	12.8kg



## LADDER - FIBREGLASS - DUAL PURPOSE

## BAILEY

### RFDP™ – Fibreglass Dual Purpose Ladder

- Electro-Safe™
- Punchlock® design for additional torsional rigidity
- Safe and strong triangular flat plate bracing
- Flip over rear section for greater strength in the extended position
- Stronger, full width double hollow treads the whole length of the ladder
- Rubber 'boots' for extra safety
- Made to AS/NZS1892.3
- 120kg Industrial Duty Load Rating
- Made in Australia

Product No.	Description	Size	Weight
FS10480	RFDP 6	1.8/3.2m (6'/10')	10.1kg
FS10481	RFDP 7	2.1/3.8m (7'/12')	11.8kg
FS10482	RFDP 8	2.4/4.4m (8'/14')	13.4kg



## LADDER - ALUM - DOUBLE STEP

## BAILEY

### Hercules™ Big Top Double Sided Stepladder

- Extra wide ladder for added safety
- Made to AS/NZS1892.1
- Anti-slip feet for added safety and stability
- Aluminium deep fascia top cap for rigidity
- Ideal for small sawhorse applications
- Extra wide double sided ladder for greater versatility and added safety
- 135kg Industrial Duty Load Rating
- Made in Australia

Product No.	Description	Size	Weight
FS13217	Hercules Big Top 3	0.9m (3')	5kg
FS13218	Hercules Big Top 4	1.2m (4')	6kg



## BAILEY

### Professional Contractor™ Double Sided Stepladder

- Rubber feet for grip with reinforcing plates to prevent foot twist
- Punchlock® design for additional torsional rigidity
- Made to AS/NZS1892.1
- Heavy duty Quicklock® internal spreaders on models from 1.8m to 3.6m
- Heavy duty, extruded aluminium construction
- 150kg Heavy Duty Industrial Load Rating
- Made in Australia

Product No.	Description	Size	Weight
FS20386	Professional Contractor Double Sided 3	0.9m (3')	5.8kg
FS20387	Professional Contractor Double Sided 4	1.2m (4')	7.2kg
FS20388	Professional Contractor Double Sided 6	1.8m (6')	11.5kg
FS20389	Professional Contractor Double Sided 7	2.1m (7')	13.7kg
FS20390	Professional Contractor Double Sided 8	2.4m (8')	15.4kg
FS20391	Professional Contractor Double Sided 10	3.0m (10')	18.9kg
FS20392	Professional Contractor Double Sided 12	3.6m (12')	25.7kg
FS20393	Professional Contractor Double Sided 16	4.8m (16')	41.2kg



## BAILEY

### Gemini™ Double Sided Stepladder

- Made to AS/NZS1892.1
- Anti-slip feet for added safety and stability
- Incorporates wide interlocking top cap for added strength and stability. Also creates a more rigid ladder frame
- Aluminium construction
- Punchlock® design for additional torsional rigidity
- 120kg Industrial Duty Load Rating
- Made in Australia

Product No.	Description	Size	Weight
FS20428	Gemini 2	0.6m (2')	3.7kg
FS20429	Gemini 3	0.9m (3')	4.9kg
FS20430	Gemini 4	1.2m (4')	5.5kg
FS20431	Gemini 6	1.8m (6')	8.0kg
FS11282	Gemini 8	2.4m (8')	11.2kg



## BAILEY

### RFDS™ – Fibreglass Double Sided Stepladder

- Electro-Safe™
- Punchlock® design for additional torsional rigidity
- Interlocking top cap design
- Patented Quicklock® system for safer, more rigid ladder on sizes 1.8m to 3.6m
- Safe and strong triangular flat plate bracing
- Rubber 'boots' for extra safety and protection of the stiles
- Made to AS/NZS1892.3
- 150kg Heavy Duty Industrial Load Rating
- Made in Australia

Product No.	Description	Size	Weight
FS10483	RFDS 3	0.9m (3')	4.5kg
FS10484	RFDS 4	1.2m (4')	7.0kg
FS10485	RFDS 6	1.8m (6')	10.6kg
FS10486	RFDS 7	2.1m (7')	12.5kg
FS10487	RFDS 8	2.4m (8')	14.5kg
FS10488	RFDS 10	3.0m (10')	20.3kg
FS10489	RFDS 12	3.6m (12')	25.5kg





# LIFTING & MATERIAL HANDLING

## LADDER - FIBREGLASS STEP EXTENSION

**BAILEY**

### FSE™ – Fibreglass Step Extension Ladder

- Can be used either as step or extendable straight ladder
- Electro-Safe™
- Punchlock® design for additional torsional rigidity
- Rubber boots for extra safety and increased protection of fibreglass stiles
- Made to AS/NZS1892.3
- 'V' rung as standard for pole work
- Back leg extends in 300mm increments
- 150kg Heavy Duty Industrial Load Rating
- Saves valuable space
- Made in Australia



Product No.	Description	Size	Weight
FS10444	FSE 6	1.8/3.2m (6'/10')	11.8kg
FS10445	FSE 7	2.1/3.8m (7'/12')	13.9kg
FS10446	FSE 8	2.4/4.1m (8'/13')	16.0kg

## LADDER - ALUMINIUM EXTENSION

**BAILEY**

### Galaxy™ Extension Ladder

- Interlocking stiles and swaged rung to stile joint for maximum resistance to twist and side sway
- Made to AS/NZS1892.1
- Anti-slip feet for added safety and stability
- Patented convenient side pulley and rope extension system to keep rope away from users feet
- 120kg Industrial Duty Load Rating
- Made in Australia
- Please note that Galaxy 8 & 9 have no rope and pulley



Product No.	Description	Size	Weight
FS12800	Galaxy 8	2.4/3.9m (8'/13')	8.6kg
FS12801	Galaxy 9	2.7/4.5m (9'/15')	9.7kg
FS20020	Galaxy 10	3.0/5.2m (10'/17')	12.9kg
FS20021	Galaxy 11	3.3/5.8m (11'/20')	14.5kg
FS20022	Galaxy 12	3.6/6.4m (12'/21')	15.1kg

## LADDER - DOUBLE SIDED/EXTENDABLE STEP



**BAILEY**

### Extendable Step Ladder Double Sided Extension Stepladder

- The most versatile ladder you can own
- Converts to four different ladders
- Telescoping design quickly adjusts to proper working height
- Adjust height quickly with spring loaded "J" locks
- Adjust angle positions easily with soft touch push knobs
- Double-riveted steps for long lasting durability
- Wide flared bottom for firm support and stability
- 135kg Industrial Duty Load Rating

Product No.	Description	Size	Weight
FS13205	BXS13	3.3m (10'9")	13.1kg
FS13206	BXS20	4.5m (14'8")	16.7kg

**BAILEY**

### BMKD™ Extension Ladder

- Anti-slip rubber feet for added safety and stability with reinforcing plates
- Flat tread 'D' shaped rungs for surer footing
- Made to AS/NZS1892.1
- Patented and convenient side pulley and rope extension system to keep rope away from users feet
- 150kg Heavy Duty Industrial Load Rating
- Made in Australia



Product No.	Description	Size	Weight
FS20290	BMKD 8	2.68/4.21m (8'/14')	12.3kg
FS20291	BMKD 9	2.99/4.82m (9'/16')	13.3kg
FS20292	BMKD 10	3.29/5.43m (10'/18')	16.9kg
FS20293	BMKD 11	3.60/6.04m (11'/20')	18.9kg
FS20294	BMKD 12	3.90/6.65m (12'/22')	20.3kg
FS20295	BMKD 13	4.21/7.26m (13'/24')	21.8kg
FS20296	BMKD 14	4.51/7.87m (14'/26')	23.7kg
FS20297	BMKD 15	4.82/8.48m (15'/28')	30.1kg
FS20298	BMKD 16	5.12/9.09m (16'/30')	32.1kg
FS20299	BMKD 17	5.43/9.70m (17'/32')	33.9kg
FS20300	BMKD18	6.04/10.31m (19'/34')	36.8kg
FS20301	BMKD 20	6.34/10.92m (20'/36')	38.9kg

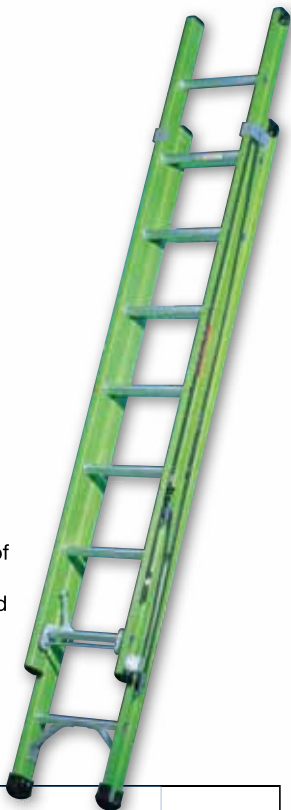


## BAILEY

### FSXN™ – Fibreglass Extension Ladder

- Electro-Safe™
- Swaged 'D' rungs for extra strength
- Rubber 'boots' for extra safety and protection of the fibreglass stiles
- Flat tread 'D' shaped rungs for surer footing and strength
- Made to AS/NZS1892.3
- Patented and convenient side pulley and rope extension system
- 125kg Industrial Duty Load Rating
- Made in Australia

Product No.	Description	Size	Weight
FS20324	FSXN 8/14	2.68/4.20m (8'/14')	16.1kg
FS20325	FSXN 10/17	3.29/5.42m (10'/17')	19.0kg
FS20326	FSXN 12/21	3.90/6.64m (12'/21')	22.5kg
FS20327	FSXN 13/23	4.20/6.95m (13'/23')	23.8kg
FS20328	FSXN 14/25	4.50/7.56m (14'/25')	25.1kg
FS20329	FSXN 16/29	5.12/8.78m (16'/29')	28.6kg



## LADDER - ALUMINIUM EXTENSION WITH LEVELLER

## BAILEY

### Galaxy Leveller™ Extension Ladder with Ladder Leveller

- Factory fitted automatic ladder levelling system allows for safe use on uneven surfaces
- Made to AS/NZS1892.1
- Anti-slip feet for added safety and stability
- Extensively field trialled by tradesmen providing hassle free use in all conditions
- Lab tested to 30,000 cycles
- 120kg Industrial Duty Load Rating
- Made in Australia

Product No.	Description	Size	Weight
FS20339	Galaxy Leveller 10	3.2/5.0m (10'/16')	15.1kg
FS20340	Galaxy Leveller 12	3.8/6.3m (12'/20')	17.1kg



## LADDER - ORDER PICKER

## BAILEY

### Deluxe Order Picker (DOP) Non-Folding Work Platform

- Ideal for high frequency stock picking applications
- All welded construction
- Made to AS/NZS1892.1
- Patented automatic retracting wheel system fitted with heavy duty swivel castors
- Safety gate included as standard
- Optional shelf kit available
- 150kg Heavy Duty Industrial Load Rating

Product No.	Description	Size	Reach Height	Weight
FS10880	DOP 3	0.9m (3')	2.8m	20.7kg
FS10881	DOP 4	1.2m (4')	3.1m	27.5kg
FS10882	DOP 5	1.5m (5')	3.4m	29.7kg
FS10883	DOP 6	1.8m (6')	3.7m	32.4kg
FS10884	DOP 7	2.1m (7')	3.9m	36.0kg
FS10885	DOP 8	2.4m (8')	4.2m	37.0kg
FS10886	DOP 10	3.0m (10')	4.8m	57.0kg
FS10887	DOP 12	3.6m (12')	5.3m	60.0kg
FS10888	DOP 14	4.2m (14')	5.9m	62.0kg
FS10406	DOP Shelf			2.6kg



## BAILEY

### Galaxy™ Order Picker (OP) Non-Folding Work Platform

- Fully welded front frame
- Ideal for moderate use stock picking
- Spring loaded castors
- 900mm high handrail for safety
- Optional extra-safety gate in manual or auto-close operation (fits in 5 minutes)
- 500mm x 510mm platform
- Made in Australia to AS/NZS1892.1
- 130kg Industrial Duty Load Rating

Product No.	Description	Size	Reach Height	Weight
FS10863	OP 3	0.9m (3')	2.8m	15.6kg
FS10864	OP 4	1.2m (4')	3.1m	16.9kg
FS10865	OP 5	1.5m (5')	3.4m	19.4kg
FS10866	OP 6	1.8m (6')	3.7m	21.6kg
FS10867	OP 7	2.1m (7')	3.9m	22.7kg
FS10868	OP 8	2.4m (8')	4.2m	24.0kg
FS10869	OP 10	3.0m (10')	4.8m	30.3kg
FS10870	OP 12	3.6m (12')	5.3m	32.1kg
FS22995	Safety gate (manual close)			2.8kg
FS22996	Safety gate (auto close)			





# LIFTING & MATERIAL HANDLING

**BAILEY**

## Fibreglass Platform Stepladder

- Electro-Safe™
- Punchlock® design – resists twisting
- Triangular flat plate bracing – the strongest method of tread bracing available
- Rubber boots for extra safety
- Multi-function (polypropylene) handrail/ accessories holder
- 900mm handrail height from platform
- 150kg Heavy Duty Industrial Load



Product No.	Description	Platform Height	Weight
FS10720	Plat Step 2	572mm	7.8kg
FS10721	Plat Step 3	858mm	8.6kg
FS10722	Plat Step 4	1143mm	10.1kg
FS10723	Plat Step 5	1428mm	11.8kg
FS10724	Plat Step 6	1714mm	12.7kg
FS10725	Plat Step 7	1999mm	17.3kg
FS10726	Plat Step 8	2285mm	19.2kg

### Optional Castor/Wheel Kits

Product No.	Description	Platform Height	Weight
FS22971	S/P Castor Kit	2-6	2.84kg
FS22972	S/P Castor Kit	7-8	2.84kg



**BAILEY**

## Professional Contractor™ Platform Stepladder

- Punchlock® design for additional torsional rigidity
- Optional retractable wheels
- Made to AS/NZS1892.1
- Rubber feet for extra safety
- 150kg Heavy Duty Industrial Load Rating
- Multi-function (polypropylene) handrail/ accessories holder
- Wide anti-slip platform (490 x 400mm)
- 900mm handrail height from platform

Product No.	Description	Platform Height	Weight
FS13224	Plat Step 3	860mm	8.6kg
FS13225	Plat Step 4	1146mm	10.1kg
FS13226	Plat Step 5	1431mm	11.8kg
FS13227	Plat Step 6	1716mm	12.7kg
FS13228	Plat Step 7	2001mm	17.3kg
FS13229	Plat Step 8	2287mm	19.2kg

### Optional Castor/Wheel Kits

Product No.	Description	Platform Height	Weight
FS22971	S/P Castor Kit	2-6	2.84kg
FS22972	S/P Castor Kit	7-8	2.84kg

## LADDERS - SAFETY STEPS



210C



310B



410B



510B



### Safety Steps

Little Jumbo Safety Steps are essentially folding staircases.

- Available in 2, 3, 4 and 5 Step
- Fold flat with the steps tucked inside of the outer rails. Easy to carry, easy to store.
- Unlike ordinary ladders, the steps are placed similar to stairs in your home allowing you to walk up or down while facing forward
- Safe, extra large steps (9" x 12"). Available in non-slip aluminium tread or skid resistant rubber.
- Heavy duty spreader bars
- Specially engineered twin hollow box extrusions with internal ribs for extra strength eliminate twisting and rocking
- The flare design and slip-resistant moulded plastic feet offer unbelievable stability yet won't mark or scratch delicate surfaces.

#### Options

- Rubber or Aluminium Treads
- Spring Loaded Castors
- 'Easy Wheeler' wheel kit
- Safety Bracket

Part No.	Description	Height
210C	2 Step Compact Safety Step	0.46m
210B	2 Step Safety Step with Safety Bracket Fitted	0.46m
310	3 Step Safety Step	0.69m
310B	3 Step Safety Step with Safety Bracket Fitted	0.69m
310C	3 Step Compact Safety Step	0.69m
410	4 Step Safety Step	0.92m
410B	4 Step Safety Step with Safety Bracket Fitted	0.92m
510B	5 Step Safety Step with Safety Bracket Fitted	1.15m
600	Spring Loaded Castor Kit (4 ) to suit Safety Steps	
EW	Easy Wheeler Kit ( 2 ) to suit Safety Steps	



## LADDERS - TELESCOPIC



### Telescopic Ladder

WAKU Telescopic ladders are a ladder design with telescopic stile extension. This internationally approved design has many advantages:

- ...as a **step ladder** - adjustable rung by rung to almost double its height and safely locked by four strong spring bolts. One ladder substitutes a complete range of step ladders of different heights.
- ...as a **pair of trestles** - you only need one WAKU Telescopic ladder. Inner and outer ladder can be easily taken apart. The two outer parts are hinged together using the same spring bolts as for the height adjustment. Now two trestles are available and a board can be put in between on any rung forming scaffold trestles of the required length and height.
- ...as a **staircase ladder** - the inner ladder can be telescoped upwards so that the height of each leg of the ladder is adjustable. Useful for uneven ground or staircases.
- ... as a **sliding extension ladder** - the WAKU Telescopic Ladder has an automatic safety hinge. Simple adjustment to this hinge and the step ladder opens up to a straight lean-to-ladder and can be extended rung by rung to almost four times its original transport size.



#### Useful attachments

- Hook-on-Platform - attachable to any rung. Large area to stand on for safety and comfort or can be used as a handy platform to deposit baskets or tools.
- Extra Leg Extension - variable height adjustment for the individual leg when used on winding staircases or as a lean-to-ladder on slopes (domestic only).
- Wall Stand Off with Utility Grid - permits the use of the uppermost ladder rung which otherwise would be too close to the wall. With greater distance, work becomes easier and your working utensils are readily available on the grid.

Part No.	Transport Size Fold-away	Step Ladder Height Adjust. from Max Height	Sliding Extension Ladder Height Adjust. from Max Height
TL 10	3 rungs - 1.02m	3-5 rungs - 1.34m	6-10 rungs - 3.10m
TL 14	4 rungs - 1.29m	4-7 rungs - 1.86m	8-14 rungs - 4.20m
TL 18	5 rungs - 1.57m	5-9 rungs - 2.40m	10-18 rungs - 5.30m
TL 22	6 rungs - 1.85m	6-11 rungs - 2.92m	12-22 rungs - 6.40m
104	Hook on Platform to suit Telescopic Ladders		
105	Leg Leveller to suit Telescopic Ladders		
106	Wall Stand Off to suit Telescopic Ladders		

## LIFTERS - HOISTER



### Heavy Duty Lift To 130kg

Will lift up to 130kg to 3 metres. Three piece assembly allows easy storage into any ute, van, SUV.

Basic weight is only 48kgs.

Part Number: SUM 2210



## LIFTERS - MANUAL FORK



**RICHMOND**  
WHEEL AND CASTOR CO



### Manual Fork Stackers

Model	Capacity	Max. Fork Height	Lowered Fork Height	Fork Length	Fork Width	Overall Width
Measurement	kg	mm	mm	mm	mm	mm
FSM2521.4H1	400	1500	90	650	540	570



# LIFTING & MATERIAL HANDLING

## LIFTERS - MATERIAL



**KERRICK**  
INDUSTRIAL EQUIPMENT  
Power & Passion

**SUMNER**

### Heavy Duty Lift To 300kg

Heavy – duty material lift with capacity to lift up to 300kg to a height of 5.5 metres.

Standard features include mast brake, cable guard and galvanized steel finish.

Part Number: SUM 2118



**KERRICK**  
INDUSTRIAL EQUIPMENT  
Power & Passion

**SUMNER**

### Compact Lift To 180kg

Compact contractor lift with a max lift of 180kgs to 3.9 metres. Ideal for HVAC contractors, steel erectors, industrial maintenance crews.

The 2412 is easily portable for a one person operation.

Part Number: SUM 2412

## LIFTERS - ROUST-A-BOUT

**KERRICK**  
INDUSTRIAL EQUIPMENT  
Power & Passion

**SUMNER**

### Heavy Duty Lift To 680kg

The Roust-A-Bout can lift a massive 680kg to 4.6 metres!

The Roust-A-Bout moves vertically and horizontally and has two winches to operate load and mast elevation separately.

Part Number: SUMR-100



## LOADBINDERS - TRUCK

**BEAVER** **Truckers'**  
YOUR LOAD DEPENDS ON IT!



### Grade 70 Double Swivel Lever Loadbinders (Forged)

- Yellow Painted Finish - to AS/NZS 4344-2001

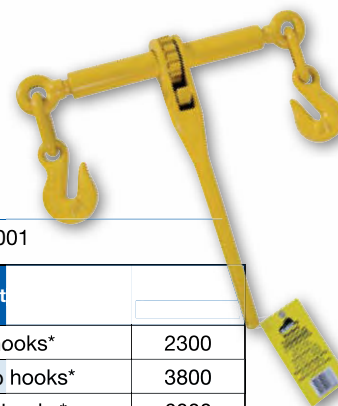
Product Code	Chain Size & Description	Lashing Capacity kg
345006A	6mm c/w winged eye grab hooks*	2300
348000	7-8mm c/w winged eye grab hooks*	3800
348010	10mm c/w winged eye grab hooks*	6000
348000EC	7-8mm c/w eye claw hooks	3800
348013	13mm c/w eye claw hooks	9000

**BEAVER** **Truckers'**  
YOUR LOAD DEPENDS ON IT!

### Grade 70 Ratchet Type Loadbinders

- Yellow Painted Finish to AS/NZS 4344-2001

Product Code	Chain Size & Description	Lashing Capacity kg
344006	6mm c/w winged eye grab hooks*	2300
344008	7-8mm c/w winged eye grab hooks*	3800
344010	10mm c/w winged eye grab hooks*	6000
344013	13mm c/w winged eye grab hooks*	6000
344108	7-8mm c/w eye claw hooks	3800
344110	10mm c/w eye claw hooks	6000





## PLATE CLAMPS - LIFTING



### Universal Plate Clamps

Articulated knuckle on eye permits plate to be lifted vertically or to be laid flat. Correctly hardened teeth etc ensure longer gripping life. All steel construction. Complies with AS/NZS1418.2. A Test Certificate and instruction manual is supplied with every Clamp.

Part Number	Capacity	Opening
GVC005	0.5 Tonne	0 - 15 mm
GVC010	1 Tonne	0 - 20 mm
GVC020	2 Tonne	0 - 25 mm
GVC030	3 Tonne	0 - 30 mm
GVC050	5 Tonne	0 - 50 mm

## RATCHET TIE DOWNS



### Heavy Duty Ratchet Tie Downs

Manufactured to AS/NZS 4380.2001 Standards with "Swan" hook and keeper.

Part Number	Lashing Capacity	Size (Strap width x length)
GRTD25-0.75T	0.75 Tonne	25 mm x 5 metre
GRTD35-1.5T	1.5 Tonne	35 mm x 6 metre
GRTD50-2.5T	2.5 Tonne	50 mm x 9 metre

## RATCHET - TRUCK - TENSION



### MK-VI Reversible Ratchet Winch Bar

- For use with MK VI winches only

Product Code: 342420



For all your  
**LIFTING,  
MATERIAL  
HANDLING  
&  
STORAGE  
REQUIREMENTS**  
contact your  
**ISG member**





# LIFTING & MATERIAL HANDLING

## RATCHET - TRUCK - TIE DOWN



### 50mm Multi Purpose Ratchet Tie Down Assembly

- Complies to AS/NZS 4380-2001

Product Code	Description	Lashing Capacity kg
RTD055PL	50mm x 9m RTD Assembly c/w hook & keeper	2500
RTD055PL-12	50mm x 12m RTD Assembly c/w hook & keeper	2500



### 75mm Heavy Duty Ratchet Tie Down Assembly

- Complies to AS/NZS 4380-2001
- Safety - RTD Straps are 100% polyester which is heat set, stretched and polyurethane (p.u.) impregnated, resulting in low strain, long life, wear resistance, and durability demanded in flatbed tie-down requirements.
- Traceability - All RTD straps come complete with blue polyester safety labels, identifying the manufacturer / supplier, the material the straps are made from, the standard, the date of manufacture and the length. Also included is the serial number together with the date of manufacture which is stitched into the webbing for traceability, in the event the label is dislodged
- Consist of being able to recognise, at a glance the lashing capacity, which is stencilled on to the webbing and also the two (2) protective sleeves. In addition to this there are black stripes woven into the webbing indicating the Maximum Breaking Strain (M.B.S.) (i.e. 4 stripes indicating an M.B.S. of 4,000 Kgs., 5 stripes indicating an M.B.S. of 5,000 Kgs., 10 Stripes indicating an M.B.S. of 10,000 Kgs.)
- All RTD straps come complete with standard hook & keepers, clearly marked with lashing capacity and I.D. marks. Longer lengths of webbing, different widths together with an abundance of various end fittings are available on request and are made to order.

Product Code: 349075



### Ratchet Tie-down Assemblies

- 100% polyester webbing, hooks and keepers,
- 2 heavy duty protective sleeves and protective eyes
- Complies to AS/NZS4380:2001

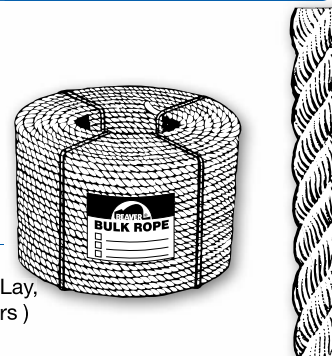
Product Code	Description	Lashing Capacity kg
349025RB	25mm x 5 metres	500kg
349035RB	35mm x 6 metres	1000kg

## ROPE - POLYPROPYLENE



### Polypropylene Film Rope

- To AS 4142 - 1993
- (3 Strand - Z Twist, UV Treated, Medium Lay, Colour Yellow C/w 2 black external tracers)
- Full Coils Only



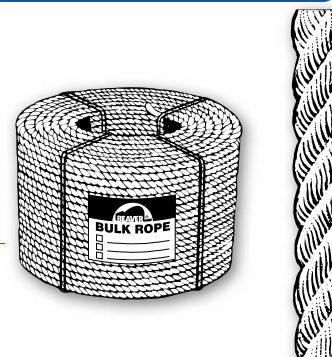
Product Code	Size mm	Min Breaking Force kN	Coil Length
347206	6	4.48	250
347208	8	10.4	250
347210	10	15.3	250
347212	12	21.7	250
347214	14	29.9	250

## ROPE - SILVER



### Silver Staple Rope Polyethylene

- Complies to AS 4142 - 1993
- (3 Strand) Tie-down Rope for Transport
- (Full Coils Only) Natural White Colour
- Z Twist, UV Treated, Medium Lay



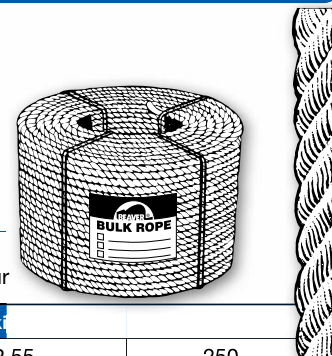
Product Code	Size mm	Min Breaking Force kN	Coil Length
347006	6	3.69	250
347008	8	6.10	250
347010	10	9.26	250
347012	12	12.4	250

## ROPE - SISAL



### Sisal Rope

- Complies to AS 4142 - 1993
- (3 Strand - Full Coils Only) Natural Colour



Product Code	Size mm	Min Break	Coil Length
347606	6	2.55	250
347608	8	4.73	250
347610	10	6.22	250
347612	12	9.36	250
347616	16	17.7	250
347620	20	27.9	250
347624	24	39.9	250
347628	28	52.2	250

**WARNING:** The minimum breaking force should never be considered as the safe working load of the rope.



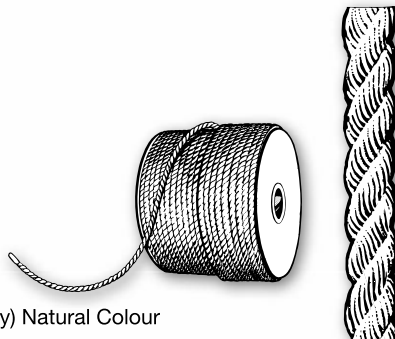


### Sisal Rope

- Complies to AS 4142 - 1993
- (3 Strand - Full Flanged Reels Only) Natural Colour

Product Code	Size mm	Min Breaking Force kN	Coil Length
347606A	6	2.55	125
347608A	8	4.73	125
347610A	10	6.22	125
347612B	12	9.36	80

**WARNING:** The minimum breaking force should never be considered as the safe working load of the rope.



### ROPE - TRUCK



### Truckers' Truckers Silver Lashing Rope Bulk

- Complies to AS 4142.2 1993
- 3 strand polyethelene - Ultra-violet treated
- Z twist, medium lay - white coil with black and yellow external tracer

Product Code	Size mm	Min Breaking Force kN	Coil Length m
347010	10	9.26	250
347012	12	12.4	250



### Truckers' Silver Lashing Rope Hanks

- Complies to AS 4142.2 1993
- 3 strand polyethelene - Ultra-violet treated
- Z twist, medium lay - white coil with black and yellow external tracer

Product Code	Size mm	Min Breaking Force kN	Hank Length m
347010HC	10	9.26	10
347010HD	10	9.26	12



### SCAFFOLDING - ALUMINIUM PLANK

#### BAILEY

#### Aluminium Planks - Deluxe

- Manufactured using highly durable triple hollow extruded aluminium
- Anti-slip rubber strips
- Raised corrugated aluminium strips for sound footing
- Made to AS/NZS1577
- High grade T6 alloy with cast alloy end caps
- Cross sectional dimensions 225mm (w) x 50mm (d)
- Working Load limit 225kg per 2.4m span



Product No.	Description	Size	Weight
FS12589	Deluxe Aluminium Plank 3m	3m (9'8")	10.6kg
FS12590	Deluxe Aluminium Plank 4m	4m (13'2")	13.5kg
FS12591	Deluxe Aluminium Plank 5m	5m (16'4")	16.5kg
FS12592	Deluxe Aluminium Plank 6m	6m (19'7")	20.0kg

#### BAILEY

#### Aluminium Planks - Economy

- Non-slip knurled surface and triple hollow section
- Made to AS/NZS1577
- Lightweight yet durable corrosion resistant aluminium
- High grade T6 alloy with cast alloy end caps
- Cross sectional dimensions 225mm (w) x 50mm (d)
- Working Load limit 225kg per 2.4m span



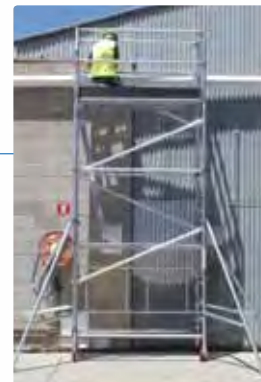
Product No.	Description	Size	Weight
FS12593	Economy Aluminium Plank 3m	3m (9'8")	9.75kg
FS12594	Economy Aluminium Plank 4m	4m (13'2")	13.0kg
FS12595	Economy Aluminium Plank 5m	5m (16'4")	16.2kg
FS12596	Economy Aluminium Plank 6m	6m (19'7")	19.4kg

### SCAFFOLDING - MINI RISE

#### BAILEY

#### Bailey Mini Rise™ Mobile Scaffolding System

- 225kg W.L.L. (2 person)
- Wide and stable working platform (1800mm x 700mm) up to a height of 3.7m
- Integrated trapdoor to allow safe internal access
- Optional adjustable castors
- Lightweight frame and braces constructed using super tough T6 Aluminium
- Compact design when folded to allow for easy storage
- Lockable swivel castors for easy and quick relocation



Product No.	Description	Weight
FS10631	Base Pack	34.0kg
FS10632	Extension Pack	44.1kg
FS10666	Guard Rail Pack	33.6kg
FS23045	Adjustable Leg Pack	5.0kg
FS10636	Access Ladder	4.9kg



# LIFTING & MATERIAL HANDLING

## SCAFFOLDING - RAPID RISE

**BAILEY**

### Bailey Rapid Rise™ Mobile Scaffolding System

- 225kg W.L.L (2 person)
- Extra wide and stable working platform (1300mm x 2500mm)
- Access platform to allow ladder access to the top
- Adjustable Screw Jacks
- Large 8" non-marking castor wheel
- Super tough T6 aluminium frames and braces
- Weather resistant platform
- Lockable castors for easy and quick relocation
- Designed for industrial and trade applications



Product No.	Description	Weight
FS10903	Base Pack	34.0kg
FS10904	Guardrail Pack	44.1kg
FS10905	Extension Pack	33.6kg
FS10970	Stabiliser Pack	5.0kg
FS10971	Access Ladder	4.9kg

## SCISSOR LIFT TABLE

**BEAVER BRANDS**

**LIFTAL**



### Hydraulic Scissor Lift Table (Two Stage)

- Complete with PU Wheels for which the Rear Wheels have hand locking devices.

Product Code	Capacity kg	Table Size mm	Max Height mm	Weight kg
342615	150	450 x 700	740	49
342630	300	815 x 300	900	77
342650	500	815 x 300	900	81



**RICHMOND**  
WHEEL AND CASTOR CO



150kg Model



500kg Model

### Manual Single Scissor Lift Tables

Model	Capacity	Table Size	Max. Table Height	Min. Table Height	Handle Height	Overall Size
Measurement	kg	mm	mm	mm	mm	mm
TLM2717.15H	150	700x450	785	255	1000	1010x450
TLM3319.3H1	300	850x500	920	310	1100	1050x500
TLM3319.5H1	500	850x500	925	370	1100	1050x500

## SHACKLES - ANCHOR BOW - GALV

**BEAVER BRANDS**

### Yellow Pin Grade 'S' Screw Pin Shackles - Anchor Bow

- Complies to AS2741



Product Code	Size mm	W.L.L Tonne
242308	8 x 10	0.75
242310	10 x 11	1.00
242313	13 x 16	2.00
242316	16 x 19	3.20
242319	19 x 22	4.70
242322	22 x 25	6.50
242325	25 x 29	8.50
242329	29 x 32	9.50
242332	32 x 35	12.00
242335	35 x 38	13.50
242338	38 x 41	17.00
242344	44 x 51	25.00
242351	51 x 57	35.00

## SHACKLES - SCREW PIN - GALV

**BEAVER BRANDS**

### Yellow Pin Grade 'S' Screw Pin Shackles - Chain Dee Type

- Complies to AS2741



Product Code	Size mm	W.L.L Tonne
241306	6 x 8	0.50
241308	8 x 10	0.75
241310	10 x 11	1.00
241311	11 x 13	1.50
241313	13 x 16	2.00
241316	16 x 19	3.20
241319	19 x 22	4.70
241322	22 x 25	6.50

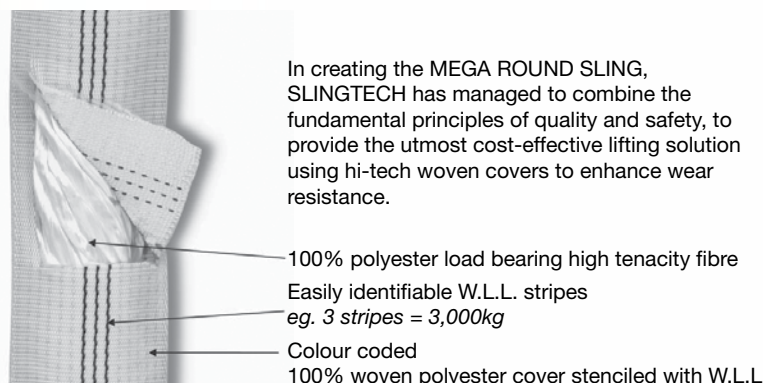


## SLINGS - ROUND



### Mega Round Sling

- 100% polyester.
- Colour coded.
- WLL indicator stripes.
- Each sling individually proof loaded.
- Test Certificates are supplied with each sling.
- Special sizes made to order, up to 50 metres
- Economy range of round slings manufactured to order - minimum quantities may apply.
- Black outer sleeves available for the entertainment industry



Product Code 1000kg Violet	Product Code 2000kg Green	Length m
MRS1000X1	MRS2000X1	1
MRS1000X2	MRS2000X2	2
MRS1000X3	MRS2000X3	3



### Round Polyester Slings

GARRICK Round Slings are manufactured to A.S. 4497.1 - 1997 to meet a Safety Factor of 7:1. They are 2-ply meaning that there are two outer protective sleeves for additional wear or damage safety. The Working Load Limit (WLL) is clearly marked on each sling. All slings have an individual Serial No. for traceability and a matching Test Certificate and Inspection Log is included.

Part No.	Colour	(WLL)	Length	Part No.	Colour	(WLL)	Length
GRS1T0.5M	Purple	1,000kg	0.5m	GRS4T1M	Grey	4,000kg	1m
GRS1T1M	Purple	1,000kg	1m	GRS4T1.5M	Grey	4,000kg	1.5m
GRS1T1.5M	Purple	1,000kg	1.5m	GRS4T2M	Grey	4,000kg	2m
GRS1T2M	Purple	1,000kg	2m	GRS4T2.5M	Grey	4,000kg	2.5m
GRS1T2.5M	Purple	1,000kg	2.5m	GRS4T3M	Grey	4,000kg	3m
GRS1T3M	Purple	1,000kg	3m	GRS4T4M	Grey	4,000kg	4m
GRS1T3.5M	Purple	1,000kg	3.5m	GRS4T5M	Grey	4,000kg	5m
GRS1T4M	Purple	1,000kg	4m	GRS4T6M	Grey	4,000kg	6m
GRS1T5M	Purple	1,000kg	5m	GRS5T1M	Red	5,000kg	1m
GRS1T6M	Purple	1,000kg	6m	GRS5T1.5M	Red	5,000kg	1.5m
GRS2T0.5M	Green	2,000kg	0.5m	GRS5T2M	Red	5,000kg	2m
GRS2T1M	Green	2,000kg	1m	GRS5T2.5M	Red	5,000kg	2.5m
GRS2T1.5M	Green	2,000kg	1.5m	GRS5T3M	Red	5,000kg	3m
GRS2T2M	Green	2,000kg	2m	GRS5T3.5M	Red	5,000kg	3.5m
GRS2T2.5M	Green	2,000kg	2.5m	GRS5T4M	Red	5,000kg	4m
GRS2T3M	Green	2,000kg	3m	GRS5T5M	Red	5,000kg	5m
GRS2T3.5M	Green	2,000kg	3.5m	GRS5T6M	Red	5,000kg	6m
GRS2T4M	Green	2,000kg	4m	GRS6T3M	Brown	6,000kg	3m
GRS2T5M	Green	2,000kg	5m	GRS6T4M	Brown	6,000kg	4m
GRS2T6M	Green	2,000kg	6m	GRS6T6M	Brown	6,000kg	6m
GRS3T1M	Yellow	3,000kg	1m	GRS8T4M	Blue	8,000kg	4m
GRS3T1.5M	Yellow	3,000kg	1.5m	GRS8T6M	Blue	8,000kg	6m
GRS3T2M	Yellow	3,000kg	2m	GRS10T4M	Orange	10,000kg	4m
GRS3T2.5M	Yellow	3,000kg	2.5m	GRS10T6M	Orange	10,000kg	6m
GRS3T3M	Yellow	3,000kg	3m				
GRS3T3.5M	Yellow	3,000kg	3.5m				
GRS3T4M	Yellow	3,000kg	4m				
GRS3T5M	Yellow	3,000kg	5m				
GRS3T6M	Yellow	3,000kg	6m				

As our factory is capable of making Round Slings up to 1,200 Tonne WLL and 80 Metre length, we can offer against order many other sizes than shown above. Many sizes are constantly being added to the stock range.



# LIFTING & MATERIAL HANDLING

## SLINGS - WEBBING FLAT



### Flat Webbing Slings

GARRICK Flat webbing Slings are manufactured to A.S. 1353 Parts 1&2 1990 to meet a Safety Factor of 8:1. The Working Load Limit (WLL) is clearly marked on each sling. All slings have an individual Serial No. for traceability and a matching Test Certificate and Inspection Log is included.

Part No.	Colour	(WLL)	Length	Part No.	Colour	(WLL)	Length
GFS1T1M	Purple	1,000kg	1m	GFS3T4M	Yellow	3,000kg	4m
GFS1T2M	Purple	1,000kg	2m	GFS3T5M	Yellow	3,000kg	5m
GFS1T3M	Purple	1,000kg	3m	GFS3T6M	Yellow	3,000kg	6m
GFS1T4M	Purple	1,000kg	4m	GFS4T2M	Grey	4,000kg	2m
GFS1T5M	Purple	1,000kg	5m	GFS4T3M	Grey	4,000kg	3m
GFS1T6M	Purple	1,000kg	6m	GFS4T4M	Grey	4,000kg	4m
GFS2T1M	Green	2,000kg	1m	GFS4T5M	Grey	4,000kg	5m
GFS2T2M	Green	2,000kg	2m	GFS4T6M	Grey	4,000kg	6m
GFS2T3M	Green	2,000kg	3m	GFS5T2M	Red	5,000kg	2m
GFS2T4M	Green	2,000kg	4m	GFS5T3M	Red	5,000kg	3m
GFS2T5M	Green	2,000kg	5m	GFS5T4M	Red	5,000kg	4m
GFS2T6M	Green	2,000kg	6m	GFS5T5M	Red	5,000kg	5m
GFS3T1M	Yellow	3,000kg	1m	GFS5T6M	Red	5,000kg	6m
GFS3T2M	Yellow	3,000kg	2m	GFS5T8M	Red	5,000kg	8m
GFS3T3M	Yellow	3,000kg	3m	Other sizes are always being added			

## SPILL CONTAINMENT - IBC CONTAINERS



### IBC Spill Containers

- 100% recyclable polyethylene construction
- Sump capacity of 1,100 litres
- Compatible with most forklifts and pallet trucks
- Cannot rust or corrode, and excellent chemical compatibility
- Complies with German DIBt Certification: Z-40.22-451

Part Number	Description	Weight
SJ-500-001	Single 1,000L IBC Spill Container	105kg
SJ-500-003	Double 1,000L IBC Spill Container	120kg

## SPILL CONTAINMENT - DECKS



### Spill Deck

- Two drum spill deck
- Low profile, contain potentially hazard leaks in your drum storage area
- Connectable to other spill decks to create a larger drum storage area
- Can hold up to 80 litres of liquid
- Optional Sump Drain Kit to share capacity across multiple decks

Part Number	Description	Dimensions
862881	Spill Deck 2 Drum	600 x 1320 x 152mm
862882	Sump Drain Kit	

## SPILL CONTAINMENT - PALLETS



### Spill Pallets

- Solid construction and forklift friendly
- Efficient spill control solutions from unexpected spills and leaks
- Ramp option available for easy access to pallets

Part Number	Description	Dimensions	Load Capacity
862877	Spill Pallet 2 Drum	600 x 132 x 431mm	1100kg
862878	Spill Pallet 4 Drum	1320 x 1320 x 431mm	2250kg
862879	Spill Pallet Ramp	825 x 1778mm	290kg



## SPILL CONTAINMENT - RACKS



### Rack and Spill Containers

- 100% recyclable polyethylene construction
- Compatible with most forklifts and pallet trucks
- Sump capacity of 450 litres
- SJ-200-003 complies with German DIBt Certification: Z-40.22-380

Part Number	Description	Weight
<b>SJ-200-003</b>	2x205L drums	43kg
<b>SJ-200-010</b>	4x205L drums	15kg



## SPILL CONTAINMENT - TROLLEY



### Spill Container Drum Trolley

- 100% recyclable polyethylene construction
- Cannot rust or corrode
- Sump capacity of 250 litres
- Vertical spill containment of up to 3 litres
- Double walled construction for strength and securing against leaks
- Rubber wheels as standard
- 205L drum secured with a ratchet strap
- Safety support locks into place for easy vertical loading and storage
- Helps to create an OH&S compliant workplace environment

Part Number: **SJ-400-001**



## SPILL CONTAINMENT - UNITS



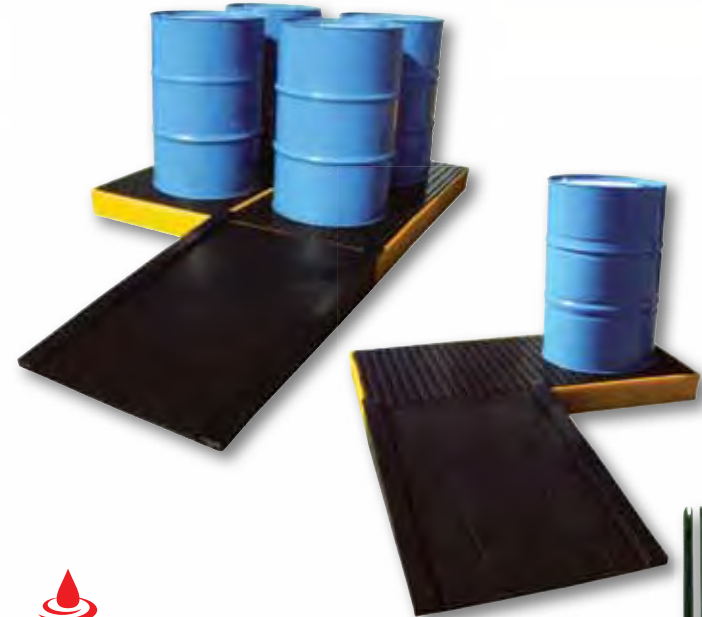
### Drum Spill Containers

- 100% recyclable polyethylene construction
- Non-skid removable deck
- Compatible with most forklifts and pallet trucks
- Complies with German DIBt Certification: Z-40.22-380

Part Number	Description	Capacity	Weight
<b>SJ-100-002</b>	2x205L drums	236 litres	20kg
<b>SJ-100-006</b>	4x205L drums	242 litres	30kg



## SPILL CONTAINMENT - WORKFLOOR



### Modular Workfloor Spill Containers

- 100% recyclable polyethylene construction
- Slip resistant texture on workfloor deck and ramp
- Cannot rust or corrode
- Excellent chemical compatibility
- SJ-300-001 / SJ-300-006 complies with German DIBt Certification: Z-40.22-443

Part Number	Description	Capacity	Weight
<b>SJ-300-001</b>	Modular Workfloor	120 litres	24g
<b>SJ-300-006</b>	4 Drum Workfloor	240 litres	45g
<b>SJ-300-010</b>	Workfloor Ramp	NA	15g
<b>KIT 102</b>	Junction Connector	NA	NA
<b>WIN-A 727</b>	Long Channel Protector	NA	NA
<b>WIN-A 728</b>	Short Channel Protector	NA	NA



## STANDS - AXLE - CAR JACK



### Axle Stands

- Australian Standard AS/NZS 2538:2004



Part Number	Description	Size
<b>JS2000</b>	Axle Stand	2,000Kg
<b>JS4000</b>	Axle Stand	4,000Kg
<b>JS6000</b>	Axle Stand	6,000Kg



# LIFTING & MATERIAL HANDLING



## Jack Stand - 1350kg

- Pin type for added safety and strength
- Pin wire strap secured to stand to prevent loss
- Deep saddle for positive location under vehicle
- Adjustable height
- 245mm minimum height, 355mm maximum height
- 110mm lift height
- Sold in pairs

Part Number: K12070



## Safety Car Stand - 2 Tonne

- High quality car stand
- Complies with Australian Standard 2538-1985
- Heavy duty SG ductile iron base
- ACME thread screw for strength and quick adjustment
- Ideal for service stations, garages, panel beaters and car maintenance enthusiasts

Part Number: 62187



## Heavy Duty Ratchet Jack Stand 3000kg

- Quick adjust ratchet mechanism
- Stands are sold in pairs
- Height: Min. 284mm Max. 430mm
- Base size: 200 x 243mm
- Nett weight: 11.6kg

Part Number: 1110



## Heavy Duty Ratchet Jack Stand 4500kg

- Quick adjust ratchet mechanism
- Stands are sold in pairs
- Height: Min. 408mm Max. 636mm
- Nett weight: 17.5kg

Part Number: 1148



## STANDS - ENGINE



## Engine Stand Heavy Duty 420kg

- Suits cast iron/alloy block engines
- Centre height: 835mm
- Size: 1076(L) x 715(W) x 915(H) mm
- Nett weight: 55.5kg

Part Number: 1007



## STORAGE - DRAWERS



### Pack n' Latch

Transparent polypropylene drawers for visibility of content. 3 shallow and 2 deep drawers. Key holes for wall hanging. Removable dividers for maximum storage space adjustment.

- Dimensions: 311x150x295mm

Part Number: 1.92.772



## STORAGE - MOBILE



### Mobile Storage Rack

- 22 plastic tubs
- 6 tier shelves
- Metal construction with silver powder coat
- Boltless quick and easy assembly
- Zinc plated wire shelving
- 4 heavy duty swivel castors (2 x lockable)
- Flat packed
- W: 885mm D: 390mm H: 905mm

Part Number: K7106



## STORAGE - SHELVING



### Garage Storage System

- Large 5 shelf storage rack
- Tough industrial powder coating
- 5 adjustable shelves with 9mm thickness particle board
- Heavy duty steel construction
- Easy assembly (mallet only needed)
- W: 1225mm D: 615mm H: 1830mm

Part Number: K7100



## STORAGE - WORKSHOP



### Garage Workshop

- 5 piece
- Unique chequer plate design
- Protective bumpers
- Heavy duty castors, fixed front, swivel rear
- Industrial epoxy sealed work surface 39mm thick
- Suitable for your workshop or home garage
- Key lockable
- Large storage space

Part Number: K070037





## STORAGE - CABINETS

**ACTISAFE**  
WORKPLACE ERGONOMICS

### Actistor - Cabinets

Constructed from reinforced sheet steel. Optional castors for manoeuvrability. Available in a wide range of widths and depths, heights range from 815mm to 1450mm.

A large range of drawer/shelf arrangements (up to 27 drawers in one cabinet, up to 200 kg per drawer). A large diversity of drawer division options available. Drawer sizes from 50mm to 300mm.



▲ Shelf Unit



▲ ACP15



▲ M85R



▲ M100



Optional  
Forklift  
Pockets ▲

Model	Product Description	Size (w x d x h) (mm)	Drawer Height (mm)	Drawer w x d (mm)
CB7010	H/D Drawer Unit - lockable	575 x 725 x 170	50, 75, 100, 125, 150, 200, 300	450 x 610
CB7028	H/D Drawer Unit - lockable	564 x 725 x 283	50, 75, 100, 125, 150, 200, 300	450 x 610
CB7030	H/D Drawer Unit - lockable	564 x 725 x 383	50, 75, 100, 125, 150, 200, 300	450 x 610
CB7060	H/D Drawer Unit - lockable	564 x 725 x 550	50, 75, 100, 125, 150, 200, 300	450 x 610
CB7075	H/D Drawer Unit - lockable	564 x 725 x 650	50, 75, 100, 125, 150, 200, 300	450 x 610
CB7085	H/D Drawer Unit - lockable	564 x 725 x 830	50, 75, 100, 125, 150, 200, 300	450 x 610
F100	H/D Drawer Unit - lockable	717 x 572 x 1000	50, 75, 100, 125, 150, 200, 300	610 x 450
M85	H/D Drawer Unit - lockable	717 x 725 x 850	50, 75, 100, 125, 150, 200, 300	610 x 610
M100	H/D Drawer Unit - lockable	717 x 725 x 1000	50, 75, 100, 125, 150, 200, 300	610 x 610
M145	H/D Drawer Unit - lockable	717 x 725 x 1450	50, 75, 100, 125, 150, 200, 300	610 x 610
D85	H/D Drawer Unit - lockable	1023 x 572 x 850	50, 75, 100, 125, 150, 200, 300	910 x 450
D100	H/D Drawer Unit - lockable	1023 x 572 x 1000	50, 75, 100, 125, 150, 200, 300	910 x 450
D145	H/D Drawer Unit - lockable	1023 x 572 x 1450	50, 75, 100, 125, 150, 200, 300	910 x 450
B85	H/D Drawer Unit - lockable	1023 x 725 x 850	50, 75, 100, 125, 150, 200, 300	910 x 610
B100	H/D Drawer Unit - lockable	1023 x 725 x 1000	50, 75, 100, 125, 150, 200, 300	910 x 610
B145	H/D Drawer Unit - lockable	1023 x 725 x 1450	50, 75, 100, 125, 150, 200, 300	910 x 610
K85	H/D Drawer Unit - lockable	1310 x 725 x 850	50, 75, 100, 125, 150, 200, 300	1210 x 610
K100	H/D Drawer Unit - lockable	1310 x 725 x 1000	50, 75, 100, 125, 150, 200, 300	1210 x 610
K145	H/D Drawer Unit - lockable	1310 x 725 x 1450	50, 75, 100, 125, 150, 200, 300	1210 x 610
ACP15	H/D Dust Free Computer Cabinet	717 x 610 x 1600	-	-
M Series	H/D Shelf Unit	717 x 725 x 550/1000/1150/2000	-	-
D Series	H/D Shelf Unit	1023 x 572 x 550/1000/1150/2000	-	-
B Series	H/D Shelf Unit	1023 x 725 x 550/1000/1150/2000	-	-
K Series	H/D Shelf Unit	1310 x 725 x 550/1000/1150/2000	-	-



# LIFTING & MATERIAL HANDLING

## STORAGE - PANELS



### Actiwork - Storage Panels and Cabinets

Partitions and Tool Holder Panels are a great way of utilising space in cramped workspace and can be assembled on the back of workbenches, hung on walls, fixed onto floor or as roller/sliding doors.



▲ MG566



▲ MG561

ARPC-02 ▶



ARPC-04 ▶

MG566 ▶

Model	Product Description	Construction/Style	Type	Size (w x d x h) (mm)
SAP-05	Panel	Square hole	Hang/hook	500 x 20 x 330
SAP-10	Panel	Square hole	Hang/hook	1000 x 20 x 330
SAP-15	Panel	Square hole	Hang/hook	1500 x 20 x 330
SAP-05L	Panel	Square hole	Hang/hook	500 x 20 x 330
SAP-10L	Panel	Louvre	Hang/hook	1000 x 20 x 330
SAP-15L	Panel	Louvre	Hang/hook	1500 x 20 x 330
SAM-01	Panel Mount	Upright		670
SAM-02	Panel Mount	Upright		1000
SAM-03	Panel Mount	Upright		1800
SAPW-1010	Panel - Wall Mount	Square hole		1000 x 1000
SAPW-1020	Panel - Wall Mount	Square hole		1000 x 2000
ARPC-02	Rolling Panel	Cabinet	Swing door, lockable	1000 x 600 x 1950
ARPC-04	Rolling Panel	Cabinet	Slide door, lockable	720 x 600 x 2000
ARP200-1	Rolling Panel	Open panel	1 panel	325 x 1200 x 2000
ARP200-2	Rolling Panel	Open panel	2 panels	585 x 1200 x 2000
ARP200-3	Rolling Panel	Open panel	3 panels	815 x 1200 x 2000
ARP200-4	Rolling Panel	Open panel	4 panels	1050 x 1200 x 2000
MG560	Wall Mounted Cupboard	Roller shutter	Lockable	1740 x 200 x 900
MG561	Wall Mounted Cupboard	Roller shutter door	Lockable	967 x 200 x 835
MG562	Wall Mounted Cupboard	Sliding door	Lockable	1500 x 200 x 860
MG566	Wall Mounted Cupboard	Double swing door	Lockable	650 x 250 x 750
A501-4550	Panel Hook	Single	45 degrees	50mm
A501-4510	Panel Hook	Single	45 degrees	100mm
A501-4520	Panel Hook	Single	45 degrees	200mm
A503-90D35	Panel Hook	Double		35mm
A503-90D50	Panel Hook	Double		50mm
A503-90D75	Panel Hook	Double		75mm
A502-01-13	Panel Hook	Spring clip		13mm
A502-01-19	Panel Hook	Spring clip		19mm
A503-MG-40	Panel Hook	Heavy magnet tool holder		40mm
A504-35D-40	Panel Hook	Power tool holder		80mm
A504-35D-80	Panel Hook	Power tool holder		
A506-0D-503	Panel Hook	Large spanner holder		
A506-0D-B14	Panel Hook	14-piece drill bit holder		



▲ ARP200-4



▲ 35 and 50mm Hooks



▲ 75 and 100mm Hooks



▲ Hammer and Tool Hooks



▲ Screwdriver Holders



▲ Spanner Holder

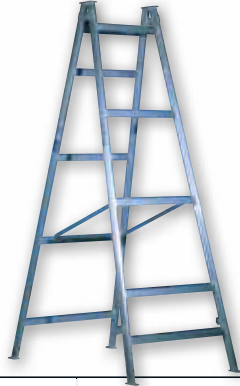


## TRESTLES

### BAILEY

#### Aluminium Trestles – 120kg

- Rungs and stiles are fully welded
- Made to AS/NZS1892.1
- All aluminium construction
- Internal spreaders – unique Bailey design
- Large sole plates with stake holes
- XHD construction (stiles and rungs)
- Welded for extra strength
- 120kg Industrial Duty Load Rating per trestle
- Made in Australia



Product No.	Description	Size	Weight
FS10409	Painters Trestle 1.2m	1.15m (3'9")	7.3kg
FS10410	Painters Trestle 1.8m	1.75m (5'9")	9.9kg
FS10411	Painters Trestle 2.4m	2.33m (7'8")	12.6kg
FS10412	Painters Trestle 3.0m	2.92m (9'7")	15.5kg
FS10413	Painters Trestle 3.6m	3.50m (11'6")	22.2kg
FS10414	Painters Trestle 4.2m	4.08m (13'5")	25.9kg
FS10415	Painters Trestle 4.8m	4.67m (15'4")	29.9kg

### BAILEY

#### Adjustable Leg Trestles – 120kg

- Five sizes to cover a variety of applications
- 200mm total leg adjustment to level out serious slopes
- 12mm (1/2") adjustment increments to put you on the level
- Easy and quick to set up so you can start work faster
- Ribbed trestle rungs for safe sure footed climbing
- Competitively priced for affordable access
- Made to AS/NZS1892.1 making the range Work Cover compliant



Product No.	Description	Weight
FS12957	1.8m Trestle – Adjustable	14.2kg
FS12958	2.4m Trestle – Adjustable	17.2kg
FS12959	3.0m Trestle – Adjustable	21.2kg
FS12960	3.6m Trestle – Adjustable	25.2kg
FS12961	4.2m Trestle – Adjustable	29.2kg



#### Trestles - Tubular Steel Industrial

- Used in the building and construction industry
- Also used in mines where aluminium is not allowed (e.g. Underground)
- Fully welded all steel construction
- Extremely rigid and stable, does not flex like many aluminium trestles
- Extra heavy duty load rating of 250kg
- Correctly heat treated to best suit product application
- \* Warning wear safety goggles user and bystander

Product code	Description	Weight
5TI1200	1200mm Industrial Trestle - Tubular Steel 250kg	11.92kg
5TI1800	1800mm Industrial Trestle - Tubular Steel 200kg	17.00kg
5TI2400	2400mm Industrial Trestle - Tubular Steel 150kg	22.50kg
5TI900	900mm Industrial Trestle - Tubular Steel 250kg	9.72kg

## TROLLEY PLATFORM



**RICHMOND**  
WHEEL AND CASTOR CO



#### Aluminium Platform Trolleys

Model	Capacity	Platform Size	Platform Height	Handle Height	Wheel Size
Measurement	kg	mm	mm	mm	mm
PFMAL3624.5H1	500	915x610	260	940	150
PFMAL4824.5H1	500	1220x610	260	940	150
PFMAL6030.5H1	500	1525x760	260	940	150



#### Steel Hand Platform Trolleys

- Complete with PU Black Wheels

Product Code	Capacity kg	Table Size mm	Table Height mm	Weight kg
342515	150	705 x 440	135	12.5
342525	250	875 x 570	165	18.6



#### Steel 2 Tier Hand Platform Trolley

- Complete with Nylon Black Wheels

Product Code	Capacity kg	Table		
342513	120	735 x 475	625	15.6





# LIFTING & MATERIAL HANDLING

## TRUCKS - PALLET



### Hand Pallet Truck

- Powder coated finish
- Complies to AS2615
- Complete with PU Wheels



Product Code	Capacity kg	Tyre Load	Fork Length	Fork Width
342601	2500	1220	685	89



**RICHMOND**  
WHEEL AND CASTOR CO

Standard  
Pallet Truck



Low Profile  
Pallet Truck

### Pallet Trucks

Model	Capacity	Max. Fork Height	Min. Fork Height	Fork Length	Fork Width Overall	Individual Fork Width
Measurement	kg	mm	mm	mm	mm	mm
PTMH452025H4	2500	190	83	1150	530	160
PTMH452725H4	2500	190	83	1150	680	160
PTMLP452020H	2000	170	55	1150	540	160
PTMLP472720H1	2000	170	55	1200	680	160

## TRUCK - CORNER PROTECTION



### Corner Protector

- Poly Propylene
- 140 x 140 x 1040mm

Product Code: 340000



## TRUCK - RUBBER TIE DOWNS



### EPM Rubber Tie Downs For Tarp

- Comes with 'S' Hooks at each end

#### WARNING

- Rubber tarp ties lose strength with wear and age.
- They are not designed to hold a load in place.
- Over-tension can cause tie-down to snap, creating a potential risk of personal injury.
- Always wear safety glasses during tie-down and disconnect.
- Discard if cut, cracked or abraded.



Product Code	Strap Length inch	Max Safe Stretch inch	Qty per Bag
340721	21	32	10
340731	31	46	5

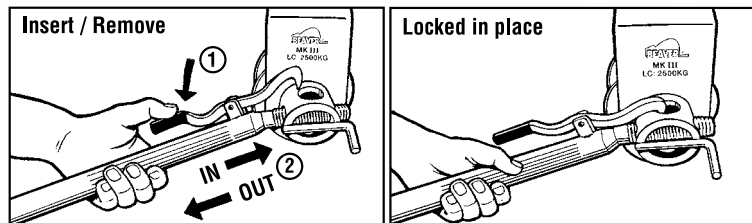
## TRUCK WINCH BAR - GRADE 70



### Safety Winches Bar for Beaver MK III Truck Winches

- Comes with safety trigger and knurled non-slip handle for easy grip (all steel construction and chrome plated) for use with all Mark IV winches.

Product Code: 343400S



#### WARNING

- Never release the winch bar Safety Retaining Device without checking that the ratchet pawl is fully engaged between the ratchet gear teeth.
- Releasing a winch bar without the ratchet pawl being fully engaged can cause serious injury to the user or bystanders.

#### Safety and Operating Instructions

- "Cheater Bars"(extenders) should not be used with winch bars.
- To prevent the winch bar from slipping out and overloading the tip and / or end cap, the tip of the winch bar shall be inserted through both opposing slotted holes on the winch drum end cap of the Beaver Mark III Truck Winches.

## WHEELBARROWS



### Builders Wheelbarrow 100 Lt Steel Tray

- Heavy duty mounted shock board
- Wedges to position tray for easy load control
- Soft rubber grip for easy use and comfort
- Heavy duty 32mm powder coated steel tube frame
- Welded leg frame
- Wide pneumatic tyre for stability
- Wheel guard with lifting eye



Part Number: STWB100S

Specifications	
Tray	Steel Tray Powder Coated
Capacity	100 litres
Frame	Heavy Duty 32mm Powder Coated Steel Tube
Wheel	16 x 6.5 x 8" Pneumatic Tyre with Wheel Guard
Handles	1500 x 50 x 25mm Powder Coated Steel with Contour Grip



### General Purpose Wheelbarrow 100 Lt Poly Tray

- Large carrying capacity of 100 litres
- High quality poly tray
- Soft rubber grip for easy use and comfort
- Heavy duty 32mm powder coated steel tube frame
- Welded leg frame
- Wide pneumatic tyre for stability
- Wheel guard with lifting eye



Part Number: STWB100P

Specifications	
Tray	Polypropylene Tray
Capacity	100 litres
Frame	Heavy Duty 32mm Powder Coated Steel Tube
Wheel	16 x 6.5 x 8" Pneumatic Tyre with Wheel Guard
Handles	1500 x 50 x 25mm Powder Coated Steel with Soft Rubber Grip



## WINCHES - ELECTRIC



### Electric Winches 240v 50Hz (Single Phase models)

- Robust construction suitable for building sites, slipways and industrial use
- Comes with 24 volt IP65 pendant control with emergency stop

Product Code	Rated Capacity kg	Speed m/min	Lifting Height Size mm	Wire Rope	Weight Each kg
BPL1030	300	10-15	29	7x30	49
BPL1025	250	10-15	29	6x30	40
BPL1020	200	10-15	29	6x30	36



### Electric Winches 415v 50Hz (Three Phase models)

- Robust construction suitable for building sites, slipways and industrial use.
- Comes with 24 volt IP65 pendant control with emergency stop.

Product Code	Rated Capacity kg	Speed m/min	Lifting Height Size mm	Wire Rope	Weight Each kg
BPL3350	3500	6.3-8.8	144	18x120	860
BPL3220	2200	7-12.5	97	16x100	450

## WINCHES - HAND



### Brake Hand Winches



Product Code	Rated Capacity Pulling kg	Rated Capacity Lifting kg	Weight Each kg
BHW800	363	180	3.7
BHW2600	1200	600	10.3
BHW1800	820	410	8
BHW1200	545	270	3.8

**NOTE:** Beaver Brake Hand Winches are not to be used as hoists for lifting, supporting or transporting personnel or for loads over areas where people could be present.

## WINCHES - TRUCK



### Mark VI Ratchet Clip-on & Slide-on Cargo Winches LC:3000Kg

- Comes with 50mm x 9m Blue Polyester Webbing, Hook and Keeper and 2 x 300mm Wear Sleeves
- Complies to AS/NZS4380:2001
- Lockable latch device to secure the winch by means of padlock to the truck body when not in use
- Double slotted pawl gear lever 110mm long that allows greater safety and tightening of the winch gear which also helps to eliminate the possibility of recoil.
- Solid one piece machine geared wheel consisting of twenty one (21) geared teeth
- A blue polyester compliance tag is on all webbing
- Blue polyester webbing with black stitched edges helps to protect the webbing.
- 5 black stitched lines to indicate a Maximum Breaking Strain of 5000kg. 2 yellow 300mm protective sleeves protects your strap against sharp edges.
- The end fittings are zinc di-chromate (gold) finish hook and keeper that are identifiable by the markings Beaver and LC2500kg.
- The clip-on arms are made of quality steel with a nominal thickness of 12mm to fit on to the rope tie rail for ease of temporary installation.
- The Winch Body is rated at 3,000KG Lashing Capacity.
- Zinc di-chromate (gold) finish throughout the unit, to prevent corrosion
- 2 rolled edge bars to prevent spreading of the winch and to protect the webbing from rolling and catching on an uneven surface

**Product Code: 342109-9**



### Slide-On Style Cargo Winch

- Comes with 50mm x 9m Blue Polyester Webbing, Hook and Keeper and 2 x 300mm Wear Sleeves.

**Product Code: 342009-9**



# CLOTHING AND FOOTWEAR



## BACK SUPPORT BELT

**[E] ELLIOTT**  
protecting you from harm

### Adjustable Back Support Belts

- Dual tension adjusters made of high grade industrial strength elastic
- Breathable stretch mesh for all day comfort even in warm environments
- Front closure delivers lumbar and abdominal support
- Unique side bands
- Size S-XL

**Product Code: BSB200**



**VISION**  
Safe  
Our Vision is Safety

### Back Support Belt

Reduce the risk of repetitive back strain with the use of appropriate support for the lower back. These back support belts support the back and encourage the use of correct lifting techniques by reducing the tendency to bend at the waist.

Part Number	Description
<b>BSB-S</b>	Back Support Belt - Small
<b>BSB-M</b>	Back Support Belt - Medium
<b>BSB-L</b>	Back Support Belt - Large
<b>BSB-XL</b>	Back Support Belt - Extra Large



## BOOTS/SHOES - SAFETY

**Bata Industrials**  
FOOTWEAR BEYOND SAFETY

### Atlas Steel Toe Cap Boot

- Claret leather.
- Elastic sided safety toe cap boot.
- Sizes: 3-13. Half sizes: 6 1/2 - 10 1/2.

**Part Number: 704 40514**



**Bata Industrials**  
FOOTWEAR BEYOND SAFETY

### Mercury Steel Toe Cap Boot

- Sand suede leather.
- Elastic sided boots.
- Sizes: 3-13. Half sizes: 6 1/2 - 10 1/2.
- Selection Guide: ABCEFGHI

**Part Number: 703 80514**



**Mack**  
BOOTS

### Bulldog Boots

- Tough as they come, the Bulldog is a 140mm lace-up ankle boot with a comfortable padded collar and tongue, Nitrile rubber outsole resistant to 300°C, lightweight midsole, steel toecap with protection strip for ultimate safety and shock absorbing polyurethane footbed made so the ground worships the shoes you walk on.

**Sizes: 3-15**



Part Number	Colours
<b>MKBULLDOG-BBF</b>	Black
<b>MKBULLDOG-HHF</b>	Honey
<b>MKBULLDOG-ROF</b>	Rocky Brown
<b>MKBULLDOG-TPF</b>	Taupe





### Charge PU/TPU Boots

- Throw your feet into a pair of fully lined, lace-up ankle boots with a padded ankle and tongue, an antistatic TPU outsole that's heat resistant to 160°C and polyurethane midsole with bumpcap

Sizes: 4-13

Part Number	Colours
<b>MKCHARGE-BB</b>	Black
<b>MKCHARGE-CL</b>	Claret
<b>MKCHARGE-HH</b>	Honey



### Stirling Steel Cap Bump Toe Boots

- Stand tall in these durable lace-up ankle boots, fully lined and featuring a Nitrile rubber outsole resistant to 300 degree heat with a lightweight midsole, steel toecap with protection strip and awesome shock absorbing polyurethane footbed

Part Number	Colours	Sizes
<b>MKSTIRLIN-BBF</b>	Black	4-15
<b>MKSTIRLIN-ROF</b>	Rocky Brown	6-13
<b>MKSTIRLIN-HHF</b>	Honey	4-15



### Dingo Boots

- Take a stand against the elements in our lace-up hiker boots, fully lined with a padded collar and tongue and featuring a Nitrile rubber outsole resistant to 300°C heat with a lightweight midsole airport friendly composite toecap and a shock absorbing polyurethane footbed

Sizes: 6-13

Part Number	Colours
<b>MKDINGO-BBF</b>	Black
<b>MKDINGO-ROF</b>	Rocky Brown



### Turbo PU/TPU Hiker Steel Cap Boot

- Make your mark on the earth in this pair of fully lined, lace-up hiker boots with a padded ankle and tongue antistatic TPU outsole that's heat resistant to 160°C and polyurethane midsole with bumpcap

Sizes: 6-13

Part Number	Colours
<b>MKTURBO-BB</b>	Black



### Rider Mack E/S Steel Cap Boots

- This fully lined, elastic sided boot offers a gutsy Nitrile rubber outsole/light weight midsole with the outsole resistant to 300°C heat. Giving it more grunt is a tough steel toecap with protection strip and shock absorbing polyurethane footbed for added comfort.

Sizes: 6-10

Part Number	Colours
<b>MKRIDER-BBF</b>	Black
<b>MKRIDER-ROF</b>	Rocky Brown



### Boost PU/TPU Elastic Side Boots

- Never put a foot wrong in a pair of 125mm fully lined non safety elastic sided boots with an antistatic TPU outsole that's heat resistant to 160°C and polyurethane midsole with bumpcap

Sizes: 4-13

Part Number	Colours
<b>MKBOOST-CL</b>	Claret



# CLOTHING AND FOOTWEAR



## Titan Composite Toe Boot

- Break new ground in these lace-up ankle boots fully lined with a padded collar and tongue and featuring a Nitrile rubber outsole resistant to 300°C heat with a lightweight midsole, airport friendly composite toecap and a shock absorbing polyurethane footbed

Sizes: 4-13

Part Number	Colours
MKTITAN-BBF	Black
MKTITAN-BRF	Rocky Brown
MKTITAN-HHF	Honey



## Edison Safety Lace Up Hiker

- Suede/Mesh upper.
- Steel toe cap.
- Dual density EVA rubber sole.
- Sizes 6-13. Half sizes 9 1/2.

Part Number: 703 45042



## Hercules Leather Boot

- Black rambler leather.
- Elastic sided boot.
- Sizes 2-13. Half sizes 6 1/2 - 10 1/2.

Part Number: 705 60514



## Saturn Leather Boot

- Black smooth leather.
- Padded ankle collar.
- Sizes 2-13. Half sizes 6 1/2 - 10 1/2.

Part Number: 705 60510



## Titan Lace Up Boot

- Wheat nubuck leather.
- Padded collar lace up.
- Sizes: 3-13. Half sizes: 6 1/2 - 10 1/2.

Part Number: 706 80510



## Mendel Safety Lace Up Jogger

- Suede/Mesh upper.
- Steel toe cap.
- Dual density EVA rubber sole.
- Sizes: 2-13. Half sizes 9 1/2.

Part Number: 713 65044



## Wright Safety Slip On Jogger

- Suede/Mesh/Lycra upper.
- Steel toe cap.
- Dual density EVA rubber sole.
- Sizes 2-13. Half sizes 9 1/2.

Part Number: 743 65048



## BOOTS/SHOES – WORK



## Bickz 901 Safety Boot

- Tan Hiker.
- Metal Free.
- Composite safety toe.
- Penetration resistant midsole.
- Sizes 5-13, 9 1/2.

Part Number: 706 36466



## Bickz 902 Safety Boot

- Black Hiker.
- Metal Free.
- Composite safety toe.
- Penetration resistant midsole.
- Sizes 5-13, 9 1/2.

Part Number: 704 66467



## Bickz 903 Safety Boot

- Wheat Hiker.
- Metal Free.
- Composite safety toe.
- Penetration resistant midsole.
- Sizes 5-13, 9 1/2.

Part Number: 706 86468



## Bushmate II Slip On Boot

- Claret leather.
- Non safety dual density PU/TPU sole.
- Sizes 3-13. Half sizes 6 1/2 - 10 1/2.

Part Number: 304 40514





## COOLING NECKTIES



### Neck Bandana

The E-Cool range of products helps you stay cool on those hot days. Just soak in cold water for 30 minutes and it will stay hydrated for up to several days. It's cool even when worn over a shirt or under a protective suit. Can be re-used thousands of times.

- Keep your neck cool and thus your core temperature
- Available in navy blue

**Product Code: EC110**



### Kool Tie

Designed with the wearer in mind, UVeto's Kool Tie is made from Micromesh fabric with Polymer Crystals inside. Activated by water this tie will keep you cool for hours. Available in a wide range of colours.



Part Number	Description
KTASS	Kool Tie in Assorted Colour and One Size Fits All

## COOLING VESTS



### Cooling Vest

- Available in Fluoro Yellow and Royal Blue
- 100% polyester fabric
- Sizes: L, XXL, 4XL

**Fluoro Yellow Product Code: ECSVFLY**  
**Royal Blue Product Code: ECSVRB**



## DISPOSABLE COVERALLS



### Chem-Tech® Coveralls

- Resists penetration of many liquid chemicals including aviation fuel (refer EmphaCHEM® Data Sheet for details)
- Breathable (moisture vapour permeable) to optimise wearer comfort reducing heat stress and improving productivity
- Conforms to AS/NZS 1906.4 1997 'High Visibility Materials for Safety Garments' (fluoro orange). Clothing is manufactured to meet the requirements of AS/NZS 4602.1999 'High Visibility Safety Garments'
- Multi-purpose protective clothing, affording limited protection against chemical hazards, offers high visibility conformance and also doubles as high performance rainwear, exhibiting optimum waterproof and water repellent properties.
- Soft and lightweight fabric
- Durable and reusable and easy to maintain
- Seams sewn and sealed for protection
- Chemical resistance and breathability in one garment
- Flame retardant/antistatic available
- Size S-4XL

**Product Code: CTCA100 (size)**



### Disposable Coveralls White

- Lightweight polypropylene material with hood and elastic waist, cuff and ankle
- Easy to put on and remove
- Two way zipper for when nature calls
- Ready access to clothing underneath
- Durable and economical
- Sizes: M, L, XL, 2XL, 3XL. - Individually packaged

**Product Code: DOW**

Also available in blue (DOB)



### Provek Disposable Coveralls

- Made from a polyethylene (Olefin) film laminated to a polypropylene spun bound non-woven substrate
- Lightweight and soft with excellent strength
- Breathable to reduce moisture build up
- Excellent barrier to dust and broad range of chemicals
- Ready access to clothing underneath
- Sizes: S, M, L, XL, 2XL, 3XL

**Product Code: DOWP**





# CLOTHING AND FOOTWEAR

**FRONTIER**

## Disposable Overall

- Lightweight
- Breathable
- Ideal for insulation, demolition, food and mining industry. Suitable for non toxic, general purpose clean up applications.
- PP1A not suitable for asbestos

**Sizes:** L - XXL

**Carton Qty:** 50

Part Number	Colours
PP1A	Navy Blue
HVPP1A	Orange



**FRONTIER**

## SMS Disposable Overall

- Breathable, disposable overall made from SMS material. SMS allows moisture vapour from inside out, which keeps the wearer cooler and more comfortable.
- Antistatic, electrostatic.
- Low lint
- Liquid repellent to Type 6 light spray and splash.
- Dry particle to Type 5 hazardous dust and dry particles.
- Ideal for abattoirs, painting, forensics, insulation, laboratories, factories, food processing, waste control, medical, law enforcement, pesticide spraying, asbestos removal

**Sizes:**

**Carton Qty:**

Part Number	Colours
FME38	Light Blue



**FRONTIER**

## Frontier Super Suit

- Breathable, disposable overall made from Microporous Film. Microporous allows moisture vapour from inside out, which keeps the wearer cooler and more comfortable.
- Self-adhesive zip flap.
- Antistatic, electrostatic.
- Low lint
- Liquid repellent to Type 6 light spray and splash.
- Dry particle to Type 5 hazardous dust and dry particles.
- Saturation Spray to Type 4
- Ideal for abattoirs, painting, forensics, insulation laboratories, factories, food processing, waste control medical, law enforcement, pesticide spraying, asbestos removal

Part Number	Colours
FSS001	White



## FURNACE APPAREL

**[E] ELLIOTT**

protecting you from harm

## Furnace Apparel

Elliott Australia manufacture a comprehensive range of protective apparel where protection is required from flames, heat, molten metal and welding sparks. The Elliott Australia range includes hoods, smocks, coats, trousers and other accessories designed to protect the wearer from brief contact with flame and either radiant or conductive heat.

**The full range is available through your local ISG outlet. For more information on the range contact ISG or visit [www.elliottaustralia.com](http://www.elliottaustralia.com)**





## GUMBOOTS

892 75192   892 67180   892 13180   892 66080



### Gumboots

Part No.	Description	Sizes
892 75192	Green/Orange - PVC, 400mm Steel Toe Cap, Steel Midsole	4-14
892 67180	Black/Green - PVC, 400mm Non-Safety	4-15
892 13180	White Gristle - PVC, 400mm Non-Safety. <b>Also Available in Safety Toe Cap.</b>	4-14
892 66080	Utility Gumboot - PVC, 400m Non-Safety	5-12

## HAT - ATTACH-A-FLAP



### Attach-A-Flap

This cool and comfortable attachment adds shade to your cap or hard hat. Made from 50+UPF rated Micromesh or Cotton, it can be varied to provide different levels of coverage. Available in a variety of colours.

Part Number	Description
AAFFO	Attach-A-Flap Fluro Orange Micromesh
AAFNV	Attach-A-Flap Navy Micromesh
AAFCOR	Attach-A-Flap Cotton Orange
AAFCNV	Attach-A-Flap Cotton Navy

## HAT - BROAD BRIM



protecting you from harm

### High Visibility Broad Brim Hat

- High visibility orange
- Mesh vents
- Full brim
- Cord with toggle
- Sizes S, M, L and XL

Product Code: EHC200



## HATS - FLY NET / SHADE



### Net 'N Shade

Adjustable UV shade with separate fly/mosquito net. Designed to fit most types of headwear, the two components can be worn together or separately. Shade made from 50+ UPF rated Micromesh.

Part Number	Description
NNSFO	Net 'N Shade Fluro Orange
NNSNV	Net 'N Shade Navy
EVN	Easy View Net sold without shade

## HATS - LIGHTWEIGHT



### Kalahari Hat

This lightweight, adjustable head covering can be worn in a number of ways to protect the wearer from harmful UV rays. Made of 50+ UPF rated Micromesh or Cotton. Available in a variety of colours.

Part Number	Description
KHMFO	Kalahari Hat Fluro Orange Micromesh
KHMNV	Kalahari Hat Navy Micromesh
KHCOR	Kalahari Hat Cotton Orange
KHCNV	Kalahari Hat Cotton Navy



### Tanami Hat

This lightweight, comfortable broadbrim hat with generous neck flap helps protect from harmful UV rays. Made from 50+ UPF rated polyester and available in a wide range of colours.

Part Number	Description
TM(size)NV	Tanami Hat Navy XS-S, S-M, M-L, L-XL, 2XL
TM(size)ST	Tanami Hat Stone XS-S, S-M, M-L, L-XL, 2XL
TM(size)FO	Tanami Hat Fluro Orange XS-S, S-M, M-L, L-XL, 2XL
TM(size)FY	Tanami Hat Fluro Yellow XS-S, S-M, M-L, L-XL, 2XL



# CLOTHING AND FOOTWEAR

## HATS - STRAW

**[E] ELLIOTT**  
protecting you from harm

### Straw Hat

- Wide brim straw
- Lined brim
- Cord with toggle
- Sizes: S, M, L and XL

**Product Code: EHC100**



**FRONTIER**

### Two-Tone Hi-Vis '4-in-1' Altitude Jacket (Class D/N)

- Hi-visibility heavy duty 300DD Oxford/Polyurethane coated breathable outer with 3M reflective tape which complies to AS/NZS 4602 day/night use
- Fully Waterproof Outer Shell with Sealed Seams
- Outer Jacket acts as Breathable Raincoat when vest is removed
- Removable vest – reversible, Hi-Vis and polarfleece
- Heavy duty YKK nylon zip
- Front storm placket
- Velcro front storm placket and flap pockets
- Mobile phone pocket inside outer jacket
- Deep inside pocket
- Concealed hood
- Thigh length jacket

**Sizes: S - 6XL**



Part Number	Colours
<b>HV090</b>	Hi-Vis Yellow / Navy
<b>HV095</b>	Hi-Vis Orange / Navy

## JACKET - FLYING

**FRONTIER**

### Flying Jacket

- Nylon/PVC fabric
- Quilted lining with 180gsm polyester padding
- Polyester knitted collar, cuff and basque

**Sizes: S - 6XL**



Part Number	Colours
<b>HV005N</b>	Navy

**FRONTIER**

### Two-Tone Hi-Vis '6-in-1' Glacier Jacket (Class D/N)

- Hi-visibility heavy duty 300DD Oxford/Polyurethane coated breathable outer with 3M reflective tape which complies to AS/NZS 4602 day/night use
- Fully waterproof outer shell with sealed seams
- Outer jacket acts as breathable raincoat when vest is removed
- Complete inner jacket with 3M reflective tape
- Removable vest – reversible, Hi-Vis and polarfleece
- Heavy duty YKK nylon zip
- Front storm placket
- Velcro front storm placket and flap

#### Pockets

- Mobile phone pocket inside outer

#### Jacket

- ID pocket
- Deep inside pocket
- Concealed hood
- Thigh length jacket

**Sizes: S - 6XL**



Part Number	Colours
<b>HV6000</b>	Hi-Vis Yellow / Navy
<b>HV7000</b>	Hi-Vis Orange / Navy

## JACKETS - HI-VIS

**FRONTIER**

### Two Tone Hi-Vis Alaskan Jacket (Class D/N)

- Hi-Visibility heavy duty 300DD Oxford outer with 3M reflective tape which complies to AS/NZS 4602 day/night use
- Fully waterproof outer shell with sealed seams
- Heavy duty YKK nylon zip
- Press stud front storm placket and flap pockets
- Front storm placket
- Deep inside pocket
- Quilt lining
- Concealed hood
- Thigh length

**Sizes: S - 6XL**



- Concealed mobile phone pocket
- Polar fleece collar



Part Number	Colours
<b>HV054Y</b>	Hi-Vis Yellow / Navy
<b>HV054OR</b>	Hi-Vis Orange / Navy



**FRONTIER**

### Two Tone Hi-Vis Pilot Jacket (Class D/N)

- Hi-Visibility heavy duty 300DD Oxford outer with 3M reflective tape which complies to AS/NZS 4602 day/night use
- Fully Waterproof outer shell with sealed seams
- Heavy duty YKK nylon zip
- Press stud front storm placket and flap pockets
- Front storm placket
- Internal mobile phone pocket
- Polar fleece collar
- Concealed hood
- Waist length
- Ribbed waistband and cuffs
- Deep inside pocket
- Quilt lining



Sizes: S - 6XL

Part Number	Colours
HV035R	Hi-Vis Yellow / Navy
HV045R	Hi-Vis Orange / Navy

**FRONTIER**

### Two Tone Hi-Vis Flying Jacket (Class D/N)

- Hi-Visibility polyester 200DD Oxford outer with 3M reflective tape which complies to AS/NZS 4602 day/night use
- Fully waterproof outer with sealed seams
- Heavy duty YKK nylon zip
- Front storm placket
- Ribbed waistband, cuffs and collar
- Quilt lining
- Concealed hood

Sizes: S - 6XL

Part Number	Colours
HV003YR	Hi-Vis Yellow / Navy

**FRONTIER**

### Two Tone Hi-Vis Flying Jacket (Class D)

- Hi-Visibility polyester 200DD Oxford outer which complies to AS/NZS 4602 day use only
- Fully waterproof outer with sealed seams
- Heavy duty YKK nylon zip
- Front storm placket
- Ribbed waistband, cuffs and collar
- Quilt lining
- Concealed hood

Sizes: S - 6XL



Part Number	Colours
HV003Y	Hi-Vis Yellow / Navy
HV003OR	Hi-Vis Orange / Navy

## OVERALLS



### XTRA 'T' & 'A' Overall

- Overall sleeved 'T' and sleeveless 'A' styles
- 311gsm 100% cotton drill material
- 12 pocket style
- Reinforced knee pocket to suit knee pad



Part No.	Description	Colour
N1022	XTRA 'T' Top Long Sleeve Overall	Navy
K1023	XTRA 'T' Top Long Sleeve Overall	Khaki
G1024	XTRA 'T' Top Long Sleeve Overall	Green
N1012	XTRA 'A' Top Sleeveless Overall	Navy
K1013	XTRA 'A' Top Sleeveless Overall	Khaki
G1014	XTRA 'A' Top Sleeveless Overall	Green



### Basix-Viz A & T Top Overall

- Overall sleeved 'T' and sleeveless 'A' styles
- 290gsm 100% cotton drill material
- 8 pocket style



Part No.	Description	Colour
T O/N1229	Basix-Viz 'T' Top Overall Hi-Viz	Orange/Navy
A O/N1219	Basix-Viz 'A' Top Overall Hi-Viz	Orange/Navy

## SAFETY VESTS



SAFE AS.

### Fluoro Orange Safety Vest

- No reflective tape. Compliant to Australian Standards - Class D
- Sizes: S, M, L, XL, 2XL, 3XL, 4XL
- Sold individually
- AS/NZS 4602 : 1999
- Also available in yellow (SVY-NT)

Product Code: SVO-NT



SAFE AS.

### Fluoro Orange H Back Safety Vest

- With 'H' Back reflective tape to meet Australian Standards - Class D/N
- Sizes: S, M, L, XL, 2XL, 3XL, 4XL
- AS/NZS 4602 : 1999
- Sold individually
- Also available in yellow (SVY-AS)

Product Code: SVO-AS





# CLOTHING AND FOOTWEAR

## SAFETY VEST - HIGH-VIS

**FRONTIER**

### Safety Vest - Day/Night Use (Class D/N)

- Complies to AS/NZS 4602 day/night use
- Extra length at back for maximum visibility when bending
- H Pattern reflective

Sizes: M - 3XL



Part Number	Colours
SDV12L	Hi-Vis Yellow
SDV12OR	Hi-Vis Orange

**FRONTIER**

### Safety Vest - Day Use (Class D)

- Complies to AS/NZS 4602 Day Use Only

Sizes: M - 3XL



Part Number	Colours
SDV02L	Hi-Vis Yellow
SDV02OR	Hi-Vis Orange

## SHIRT - ADD-A-SLEEVE



### Add-A-Sleeve

Designed for extra protection when wearing short sleeves. Finger loops hold it in place keeping the palm free. An adjustable band on the upper arm hold the sleeve up. 50+ UPF protection.



Part Number	Description
AASL-XLNV	Add-A-Sleeve L/XL Navy - Single Micromesh sleeve
AASL-XLSK	Add-A-Sleeve L/XL Skin - Single Micromesh sleeve
AASS-MNV	Add-A-Sleeve S/M Navy - Single Micromesh sleeve
AASS-MSK	Add-A-Sleeve S/M Skin - Single Micromesh sleeve

## SHIRTS - POLO - HI-VIS



A unique blend of comfort and performance in a Micromesh shirt. Super comfortable workwear that breathes where you need it most.

Combining a polyester and cotton blend in its construction, with the added benefit of a mesh insert in the underarm area of the garment allows for a faster cool down process.

Soft, lightweight, high visibility fabric allows flexibility of movement and a more comfortable way to work.

**FRONTIER**

### Cool-Vis Hi-Vis Two Tone Micromesh Polo Shirt Short & Long Sleeve

- Lightweight breathable 50% polyester fabric / 50% cotton lined
- Three-button placket front
- Rated UPF50+ sun protection
- Under arm mesh vents

Sizes: S - 6XL



Part Number	Colours
HV9001	Long Sleeve - Hi-Vis Yellow / Navy
HV9011	Long Sleeve - Hi-Vis Orange / Navy
HV9002	Short Sleeve - Hi-Vis Yellow / Navy
HV9012	Short Sleeve Hi-Vis Orange / Navy

## SHIRTS - POLO



### Gloaire 100% Hi-Viz Polo

- 185gsm knitted 100% 'All Cotton'
- Double 'Secura' flap chest pockets
- Half panel front, full Hi-Viz back
- 3 plastic press studs placket front with knitted collar, vented underarm
- ASNZ1906, 4602 and 4399 compliant

Part No.	Description	Colour
O/N1713	Gloaire 100% Cotton Hi-Viz Vented Long Sleeve Polo	Orange/Navy
Y/N1711	Gloaire 100% Cotton Hi-Viz Vented Long Sleeve Polo	Yellow/Navy
O/N1714	Gloaire 100% Cotton Hi-Viz Vented Short Sleeve Polo	Orange/Navy
Y/N1712	Gloaire 100% Cotton Hi-Viz Vented Short Sleeve Polo	Yellow/Navy



## SHIRTS - WELDERS



### Weldflash Welders Long Sleeve Shirt

- 200gsm flame retardant 100% cotton drill fabric
- Closed front style with no exposed buttons
- 2 velcro down flap chest pockets
- ISO 15025:2000 FR testing



Part No.	Description	Colour
N4458	Weldflash Welders Long Sleeve Shirt	Navy



### Gloflash Hi-Viz Welders Long Sleeve Shirt

- 200gsm flame retardant 100% cotton drill fabric
- Half panel front, full Hi-Viz back
- 2 velcro down flap chest pockets
- Closed front style with no exposed buttons
- ASNZ 1906.4 fabric compliant
- ISO 15025:2000 FR testing



Part No.	Description	Colour
O/N4457	Gloflash Hi-Viz Welders Long Sleeve Shirt	Orange/Navy
Y/N4456	Gloflash Hi-Viz Welders Long Sleeve Shirt	Yellow/Navy

## SHIRTS - WORKSHIRTS



### Glodril Hi-Viz Shirt

- 190gsm 100% cotton drill weave
- Half panel front, full Hi-Viz back for Xtra safety
- 2 button down flap chest pockets, pen compartment with spectacle hang loops
- ASNZ1906, 4602 and 4399 compliant



Part No.	Description	Colour
Y/N44508	Glodril Hi-Viz Long Sleeve Shirt	Yellow/Navy
O/N44509	Glodril Hi-Viz Long Sleeve Shirt	Orange/Navy
Y/G44558	Glodril Hi-Viz Long Sleeve Shirt	Yellow/Green
Y/N44668	Glodril Hi-Viz Short Sleeve Shirt	Yellow/Navy
O/N44667	Glodril Hi-Viz Short Sleeve Shirt	Orange/Navy
Y/G44664	Glodril Hi-Viz Short Sleeve Shirt	Yellow/Green



### Retrodril Hi-Viz Reflective Long Sleeve Shirt

- 190gsm 100% cotton drill weave
- Half panel front, full Hi-Viz back
- 50mm retroreflective hoop pattern tape
- 2 button down flap chest pockets, pen compartment with spectacle hang loops
- ASNZ1906, 4602 and 4399 D/N compliant

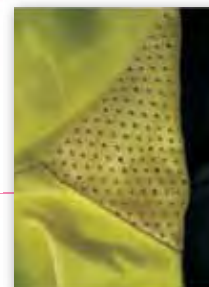


Part No.	Description	Colour
Y/N45519	Glodril Hi-Viz Long Sleeve Shirt	Yellow/Navy
O/N45509	Glodril Hi-Viz Long Sleeve Shirt	Orange/Navy



### Glo Breeze Lite Vented Hi-Viz Shirt

- Lite weight 150gsm 100% cotton Hi-Viz
- Air breeze mesh vented under arms
- 2 button down flap chest pockets
- Pen compartment and spectacle hang loops
- Half panel front - Full safety Hi-Viz back • ASNZ1906.4, 4602, 4399 compliant



Part No.	Description	Colour
O/N45519	Globreeze Lite Vented Hi-Viz Long Sleeve Shirt	Orange/Navy
Y/N44518	Globreeze Lite Vented Hi-Viz Long Sleeve Shirt	Yellow/Navy
Y/G45514	Globreeze Lite Vented Hi-Viz Long Sleeve Shirt	Yellow/Green
O/N44677	Globreeze Lite Vented Hi-Viz Short Sleeve Shirt	Orange/Navy
Y/N44678	Globreeze Lite Vented Hi-Viz Short Sleeve Shirt	Yellow/Navy
Y/G44674	Globreeze Lite Vented Hi-Viz Short Sleeve Shirt	Yellow/Green



### Retrobreeze Lite Vented Hi-Viz Shirt

- Lite weight 150gsm 100% cotton Hi-Viz
- Air breeze mesh vented under arms
- 50mm Retroreflective hoop pattern tape
- 2 button down flap chest pockets
- Pen compartment and spectacle hang loops
- Half panel front - full safety Hi-Viz back • ASNZ1906.4, 4602, 4399 compliant



Part No.	Description	Colour
O/N45619	Retrobreeze Lite Vented Hi-Viz Long Sleeve Shirt	Orange/Navy
Y/N45618	Retrobreeze Lite Vented Hi-Viz Long Sleeve Shirt	Yellow/Navy
O/N45639	Retrobreeze Lite Vented Hi-Viz Short Sleeve Shirt	Orange/Navy
Y/N45638	Retrobreeze Lite Vented Hi-Viz Short Sleeve Shirt	Yellow/Navy



### Hammerdrill Long Sleeve Shirt

- 190gsm 100% cotton drill weave
- 2 button down flap chest pockets with pen compartment



Part No.	Description	Colour
N4452	Hammerdrill Long Sleeve Shirt	Navy
K4453	Hammerdrill Long Sleeve Shirt	Khaki
G4454	Hammerdrill Long Sleeve Shirt	Green



### Naildril Short Sleeve Shirt

- 190gsm 100% cotton drill weave
- 2 button down flap chest pockets with pen compartment



Part No.	Description	Colour
N4462	Naildril Short Sleeve Shirt	Navy
K4463	Naildril Short Sleeve Shirt	Khaki
G4464	Naildril Short Sleeve Shirt	Green



# CLOTHING AND FOOTWEAR

## SHORTS



### ISA Cargo Shorts

- 311gsm 100% cotton drill material
- 9 pocket style
- 7 belt loops, metal stud closure
- Metal zipper and button closure



Part No.	Description	Colour
<b>N1342</b>	ISA Cargo Shorts	Navy
<b>K1343</b>	ISA Cargo Shorts	Khaki
<b>G1344</b>	ISA Cargo Shorts	Green

## TROUSERS



### X2 Multi Pro Cargo Work Trouser

- 311gsm 100% cotton drill material
- 11 pocket style
- Secura pocket flaps
- Reinforced knees, suit knee pads
- 7 belt loops, metal stud closure
- Button tab waist adjustment for Xtra comfort



Part No.	Description	Colour
<b>N1322</b>	X2 Multi Pro Cargo Trouser	Navy
<b>K1323</b>	X2 Multi Pro Cargo Trouser	Khaki



### Roxby Cargo Trousers

- 311gsm 100% cotton drill material
- 9 pocket style
- 7 belt loops, metal stud closure
- Button tab waist adjustment for Xtra comfort
- Secura pocket flaps



Part No.	Description	Colour
<b>N1332</b>	Roxby Cargo Trouser	Navy
<b>K1333</b>	Roxby Cargo Trouser	Khaki
<b>G1334</b>	Roxby Cargo Trouser	Green



### PlaneDril Trousers

- 311gsm 100% cotton drill material
- 5 pocket basix work trouser
- 7 belt loops
- Plastic zipper and button closure



Part No.	Description	Colour
<b>N1312</b>	PlaneDril Trousers	Navy
<b>G1314</b>	PlaneDril Trouser	Green

## VEST - PADDED



### Perisher Padded Vest

- Padded winter vest 9 pockets
- Polycotton outer nylon liner and polyester fill
- Full zip with stud storm front closure
- Elastic waist tuck and arm surround
- Fold down stand up padded collar
- Short front tool belt access, long tail



Part No.	Description	Colour
<b>N38902</b>	Perisher Padded Vest	Navy

## WATERPROOF SET



### WP-KIT 100% Waterproof Jacket & Trouser Set

- Polyester PVC fabric
- 100% waterproof jacket and trouser set
- Hood, vented back and vented underarms
- Full zip jacket with storm front closure
- Supplied in zipper storage pouch

Part No.	Description	Colour
<b>O 19507</b>	WP-KIT 100% Waterproof Jacket & Trouser Set	Orange
<b>Y 19508</b>	WP-KIT 100% Waterproof Jacket & Trouser Set	Yellow



## WATERPROOF SETS


**FRONTIER**

### Hi-Visibility Chicago Breathable Raincoat (Class D/N)

- Hi-visibility 250DD Oxford / polyurethane coated breathable outer with 3M reflective tape which complies to AS/NZS 4602 day/night use
- Fully waterproof outer shell with sealed seams
- Concealed hood
- Fully lined with comfortable lightweight mesh fabric
- Two extended press stud hip pockets
- Concealed mobile phone pocket
- Heavy duty YKK nylon zip
- Press stud front storm placket
- Large cuff openings with velcro fastening
- Neoprene storm cuffs

**Sizes:** S - 6XL


Part Number	Colours
<b>HV002Y</b>	Hi-Vis Yellow
<b>HV006OR</b>	Hi-Vis Orange

**FRONTIER**

### Hi-Visibility Chicago Breathable Rain Trousers (Class D)

- Hi-visibility 250DD Oxford / polyurethane coated breathable outer with 3M reflective tape which complies to AS/NZS 4602 day/night use
- Fully waterproof outer shell with sealed seams
- Side splits on the bottom of legs for easy removal
- Elasticated waist for easy fit
- Drawstring fastening

**Sizes:** S - 6XL


Part Number	Colours
<b>HV012Y</b>	Hi-Vis Yellow
<b>HV016OR</b>	Hi-Vis Orange

## WELDING APRONS

**[E] GOLDEN CHIEF**  
 www.goldenchief.com.au

### Golden Chief® Bolero with Apron

- Premium gold pig split leather
- Lightweight and extremely durable
- Sewn in Kevlar® thread
- Press stud closure
- Corduroy-lined collar
- Press stud adjustable cuffs
- Press stud attachable apron
- 550mm wide x 510mm long
- Size S-4XL

**Product code:** GCWSA

**[E] ELLIOTT**  
 protecting you from harm

### Chrome Leather Apron

**Bib Style Apron**

- Webbing straps
- Chrome leather
- 1066mm x 609mm

**Product Code:** A1

**PRO SAFETY GEAR**  
 prochoice.com.au  
 SAFE AS.

### Welders Apron

- Grey chrome leather
- Buckle and leather strap for quick and easy fitting and removal
- Size: 1000mm x 800mm

**Product Code:** WA108


## WELDING BIB

**[E] ELLIOTT**  
 protecting you from harm

### Yellow Proban® Bib

- Full Proban® protection
- Self stick Velcro® for attachment to welding helmet

**Product Code:** NPB30




# CLOTHING AND FOOTWEAR

## WELDING CAP

**[E] ELLIOTT**  
protecting you from harm

### Yellow Proban® Cap with Nape

- With 152mm nape
- Full Proban® protection with neck flap

Product Code: PWC6NPY



## WELDING JACKETS

**BIG RED**

### Big Red Welding Jacket

- Big Red® selected leather
- Weltd seams for extra strength
- Longer length at the back for extra protection
- Sewn in Kevlar® thread
- Velcro® side closure
- Leather/Velcro® cuff tabs
- Sizes: S-4XL

Product Code: BRC30



## WELDING HOODS

**[E] ELLIOTT**  
protecting you from harm

### Yellow Proban® Hood

- Draw string face closure for extra protection
- Side gussets for a more comfortable fit

Product Code: PHGM30Y



**BIG RED**

### Big Red Welding Jacket with Reflective Trim

- All of the features of the Big Red® Jacket with reflective trim
- Sizes: S-4XL

Product code: BRC30T1



### WAKATAC® Proban® Hood

- Side gussets for a more comfortable fit
- Edges fully bound
- Draw string face closure for better protection

Product Code: WAKPHGM30



**[E] ELLIOTT**  
protecting you from harm

### Chrome Leather Welding Jacket

- Heavy duty protection from dross and spatter
- Sized to fit over normal work clothes
- Chrome leather
- Press stud closure
- Stand-up collar
- Sizes: S-4XL

Product Code: CW128



**[E] ELLIOTT**  
protecting you from harm

### Confined Space Welding Hood

- Big Red® selected leather
- Complete with head harness
- Envelope for welding filter and cover lens
- Sewn in Kevlar® thread

Product Code: BRH30NL



**[E] GOLDEN CHIEF**  
elliottaustralia.com

### Golden Chief® Welding Jacket

- Premium gold pig split leather
- Lightweight and extremely durable
- Sewn in Kevlar® thread
- Corduroy-lined collar
- Inside pocket
- Press stud adjustable cuffs, press stud closure
- Sizes: S-4XL

Product Code: GC30







### The WAKATAC® Welding Jacket

- Full Proban® protection
- Longer length at the back for extra protection
- Velcro® side closure
- Light weight cool and washable
- Sizes: S-4XL

Product Code: WAKPJ30



### The WAKATAC® Welding Jacket with Chrome Leather Sleeves

- Proban® front and back protection
- Chrome leather sleeves
- Longer length at the back for extra protection
- Velcro® side closure
- Light weight and cool
- Extra durability in sleeves
- Sizes: S-4XL

Product Code: WAKPJ30CS



### Hot Shot Welders Jackets

- High quality red cow split leather
- Kevlar stitched to increase resistance to heat, cuts and abrasion
- Staggered double studs to ensure a secure fit
- Moderate heat protection
- Sizes: M, L, XL, 2XL, 3XL

Product Code: WJ



### WELDING NECK FLAP



### Yellow Proban® Neck Flap

- Full Proban® protection
- Self stick Velcro® for attachment to safety cap or hat

Product Code: PBNF23Y



### WELDING SLEEVES



protecting you from harm

### Welders Sleeves

- Chrome leather
- Shoulder length
- Adjustable strap and buckle fastening

Product Code: CW10



### WAKATAC® Proban® Sleeves with Yoke

- Chrome leather front and back yoke with collar
- Full length Proban® sleeves
- Medium weight
- Cool arm protection

Product Code: WAK10WY



### WELDING SPATS



protecting you from harm

### Chrome Leather Spats

Ankle and foot protection from spatter and dross. Elliott Australia's spats are made from selected chrome leather with a Velcro® closure.

- All spats have a leather strap for closure under the boot for a snug fit and extra durability
- Total length 203mm
- Velcro closure

Product Code: SWS7SV





# WELDING EQUIPMENT & CONSUMABLES



## ANTI-SPATTER



### Anti-Spatter

Biodegradable, non-toxic, non-flammable anti-spatter containing no Methylene Chloride and no silicones

Part Number	Description	Size
AS\SP-750	Anti-Spatter	750ml Spray
AS\0005	Anti-Spatter	5 Litre Bottle

## CUTTERS - INVERTA PLASMA



The 240 volt single phase Plasma, using inverter technology, guarantees an accurate and clean plasma cut. Easy to handle and operate, this system is suitable for cutting thin material at high speed including steel, stainless steel and aluminium. The front panel is provided with clear and simple graphics for the adjustment of the cutting current and to indicate the intervention of any of the internal safety devices. Extra operator protection is provided by a special Start System. The units are equipped with line voltage compensation and can be run from portable power generators.

### Helvi PC33

- Input power 240 Volt single phase
- 15amp
- Cutting range 10-30 amp
- Clean cutting depth 8mm
- Maximum cutting depth 10mm
- Duty cycle 30% @ 28A / 100% @ 12A
- Air pressure 4-5 bar
- Air consumption 100 l/min
- Weight 9kg

Product Code: PC33



### Helvi PC53

- Input power 240 Volt single phase
- 15amp
- Cutting range 20-45 amp
- Clean cutting depth 15mm
- Maximum cutting depth 18mm
- Duty cycle 50% @ 45A / 100% @ 22A
- Air pressure 4-5 bar
- Air consumption 100 l/min
- Weight 18kg

Product Code: PC53



## CONVERSION KITS



### Conversion Kits

Product Code	Description
NWC1019	Conversion Kit 1 - Regular Assembly for Disposable Gas Bottles
NWC1023	Conversion Kit 3 - Regular Assembly for Large Gas Bottles





## GAS TORCH KIT



### Gas Torch Kit

- Trigger start self igniting torch head
- Adjustable flame height
- Lock button for continuous operation
- Durable cast aluminium head
- Replaceable stainless steel burn tip
- Pressure regulated for consistent performance at any job angle
- FATBOY™ 479g Propylene cylinder included
- Ultra swirl flame

**Product Code: TS8000BZKC Trigger Start Torch Kit**

- Trigger start self igniting torch head
- Lock button for continuous operation
- Durable cast aluminium torch head, stainless steel burn tube and brass burn tip
- FATBOY™ 479g Propylene cylinder included
- Swirl flame

**Product Code: TS4000BZKC Trigger Start Torch Kit**



## TORCHES – HEATING



### Heating Torch

- Ergonomic handle design for precise operation
- Full flame function even when cylinder inverted
- Continuous flame switch with adjustable ON/OFF flame control
- Map Pro™ cartridge included
- Piezo ignition

**Part Number: 211067**



### Heating Torch

- Brass valve with 360 degree swivel arm allows for 'hands free' operation
- Stable working flame at any angle
- Adjustable ON/OFF flame control
- Map Pro™ cartridge included
- Piezo ignition

**Part Number: 211056**



## WELDING KITS



### Heating Torch

- LPG Handyman heating and welding kit with refillable LPG bottle

**Part Number: BJ2101**



### Heating Torch

- LPG Handyman heating and welding kit with 2 metre hose

**Part Number: BJ2102**



## GAS CYLINDERS



### Mapro Gas

- 3 x faster heat transfer than propane: 1982°C / 3600°F
- Use with all torches designed for: MAP Pro™ or MAPP® gas
- Non-refillable metal cylinder: net weight 399g / 14.1 oz

**Part Number: WMC-US**



### Gas Cylinders

Provides the user with the ultimate flexibility allowing the welding of different types of material at competitive prices by avoiding the need for several different refillable gas mixtures. Disposable cylinders are also perfect for those 'on off' type jobs. The regulator used with these cylinders is a sturdy brass construction with a quick release fitting for the gas pipe and a control knob to adjust the rate of gas flow.



Product No.	Description
NWC1024	Co2 - general purpose, mild welding where economy takes preference over weld finish. A cold gas that has a chilling effect on the weld pool.
NWC1025	Argon/Co2 - technically preferred gas for mild steel welding, 80% Argon, 20% Co2. A easier weld process with a smoother weld finish.
NWC1026	Argon - better known as Pure Argon, used for Aluminium and Stainless Steel welding.

## GAS REGULATOR



### Gas Regulator

- Brass regulator for disposable gas bottle

**Product Code: NWC1011**





# WELDING EQUIPMENT & CONSUMABLES

## HELMETS

**ROSS™**

### Automatic Welding Helmet Fixed Shade

- Switching time: Light- dark 1/1250 sec.
  - UV/IR Protection - up to DIN 16 at all times
  - Full Face and neck protection
  - Light state: DIN 3 Dark state: Din 11
  - Solar powered with battery backup
  - Auto power off after 15 minutes
  - CE:EN379:2003, EN169:2002, EN175:1997
- Product Code: RXH100F**



**ROSS™**

### Automatic Welding Helmet Variable Shade

- Solar Cell - no batteries required
  - Lightweight
  - Variable shade adjustment: DIN9 - 13
  - Switching time 1/25,000 sec. from light to dark
  - Switch adjustment for sensitivity and delay time
  - Suitable for a wide range of mig and arc welding
- Product Code: RXH300S**



**ROSS™**

### Automatic Welding Helmet Variable Shade

- Solar Cell - no batteries required
  - Lightweight
  - Variable shade adjustment: DIN9 - 13
  - Switching time 1/25,000 sec. from light to dark
  - Switch adjustment for sensitivity and delay time
  - Suitable for a wide range of mig and arc welding
  - "Kevlar Finish"
- Product Code: RXH300SK**



**TECMEN™**

### Auto Welding Helmet (Shade 11) Tecmen

- Solar Cell - No batteries required
  - Lightweight
  - Meets CE ANSI Z87.1 and AS/NZ standards
  - Automatic power off when not in use
  - Full face and front of neck protection
  - UV/IR protection: up to DIN 15/16 at all times
  - Light state: shade DIN 3
  - Dark state: shade DIN 11
  - Switching time: 1/10,000 sec. from light to dark
  - Suitable for general purpose arc and mig welding
- Product Code: NTADF100F**



**[E] ELLIOTT**

protecting you from harm

### Confined Space Welding Helmet

- Big Red® selected leather
  - Complete with welding helmet
  - Self stick Velcro® attachment around lens area
  - Sewn in Kevlar® thread
- Product Code: BRH29C**



**Viper®**

### VIPER® Ghost Rider Auto Darkening Welding Helmet

- Viewing area 100 x 81mm
  - Solar powered - battery backup
  - Grind mode
  - 4 sensors
  - Switching speed 0.1ms
  - 3 year warranty
  - Internal controls for shade and sensitivity
- Product Code: EPEX540VWGR**



**Viper®**

### VIPER® Red Lightning Auto Darkening Welding Helmet

- Viewing area 100 x 81mm
  - Solar powered - battery backup
  - Grind mode
  - 4 sensors
  - Switching speed 0.1ms
  - 3 year warranty
  - Internal controls for shade and sensitivity
- Product Code: EPEX540VVL**



**WELDMASTER**  
BUILT TOUGH FOR THE PROFESSIONAL

### Auto Helmet

- Aussie Blue solar powered auto helmet with Australian Flag and shades from 9-13
  - Conforms to Australian standards
  - Light weight and tig welds down to 10 Amps
- Part Number: WH1000-AB**







Classic Black

Inferno

Luxy's Speed Shop

Joker

Wicked

Serious Protection  
with  
*attitude*



## Miller Digital Elite™ Series

### The ultimate helmet for the most demanding applications

- Variable welding shades 9 -13
- 30% larger viewing area than our standard lens for maximum viewing capacity
- Four independent arc sensors provide continuous arc sensing capacity for your most demanding applications. Lens automatically switches from light safety shade to adjustable welding shades 9 to 13 when an arc is struck. Lens reaction time is 1/20,000.
- Lens technology responds to extremely low amperage TIG arcs (5 amps and below), including DC inverter TIG.
- Battery-powered (replaceable) with solar-assist for exceptionally long life and no charging required! Low battery indicator.
- Auto on/off function
- Grind mode
- Comfortable fully adjustable ratchet style headgear with odour absorbing headband and comfort cushion
- Lightweight polyamide nylon shell for excellent durability and maximum comfort.
- 2 year warranty (lens only)
- Standards ANSI Z8.1/DIN/TUV/CE
- Accessory pack. Includes helmet bag, comfort cushion and replacement cover lenses.

### Four Modes Of Operation Deliver The Flexibility To Weld, Cut And Grind – All With One Helmet!

**Welding Mode:** Suitable for most welding applications, the lens starts working when it senses a welding arc. Variable shade #8-13

**Grind Mode:** Used for metal grinding applications. No lens adjustments required. Light Shade #3.

**Cutting Mode:** The mode to use for plasma, laser, gas welding and cutting applications, the lens starts working when it senses a cutting arc. Variable shade #8-13

**X-Mode:** Used for outdoor or low current welding, the lens starts working when it senses the weld current. Electromagnetic arc sensing technology eliminates sunlight interference and obstructed sensors. Variable shade #8-13

Description	Classic Black	Inferno	Lucky's Speed Shop	Joker	Wicked
Part Number	234763	234761	237745	235041	241462



## Miller Digital Performance™ Series

### Our mid range helmet for all general purpose welding applications

#### Features:

- Auto-on/off and grind mode
- Three independent arc sensors
- Variable shades #9-13 and #3 light-state
- Excellent low amperage TIG (5 amps)
- Features magnifying lens holder
- Quick release front cover lens assembly
- 2,000 welding hours - no charging required
- Switching time 1/20,000 sec
- High impact rating ANSI Z87.1-2003
- Extra cover lenses, helmet bag and comfort cushion included
- 2 year warranty (covers auto-darkening lens only)



Classic Black

Blue Rage

Part Number	Description
232035	Black
241458	Blue Rage



# WELDING EQUIPMENT & CONSUMABLES



## WIA Auto-Darkening Welding Helmet

For the welder who wants protection and performance at an affordable price.

- Designed for Light Industrial, Maintenance and Repair, DIY and Rural applications.
- Suits most welding processes including Stick, MIG and many TIG applications.

### Lens Technology

Variable control for adjustment of shade, lens sensitivity and delay for maximum control when welding. Shades 9-13.

### Dual Arc Sensors

Provide continuous arc sensing capability. Lens automatically switches from light safety shade to adjustable welding shades 9-13 when an arc is struck. Lens darkening reaction time is 1/10,000 sec.

### Operator Comfort

Comfortable, lightweight and fully adjustable ratchet style headgear design with comfort cushion for face and neck protection. Weighs only 515g.

**Larger Viewing Area** than most welding helmets in this class. 97x46mm.

### Grind Mode

Comes standard with Grind Mode, meaning you can use one helmet for all your welding requirements – including weld preparation and clean-up.

### Battery Powered With Solar-Assist

For exceptionally long life and no charging required! Features auto on/off function and low battery indicator. Delivers up to 1500 hours of interruption free welding with MIG, Stick and Inverter power sources.

### Convenient External Shade Control

For ease of adjustment while welding.

- 1 Year Warranty
- Auto-Darkening with #9-13 Shade Control

Part Number: 235620



## A109 - Twin Line Welding Hose

**Tube:** NR/SBR  
**Reinforcement:** High strength polyester braid  
**Pressure:** 217 Psi  
**Temperature:** -25°C to 75°C  
**Special Features:** To AS 1335:1995  
**Size Range:** 5mm  
**Application:** For welding and cutting equipment.



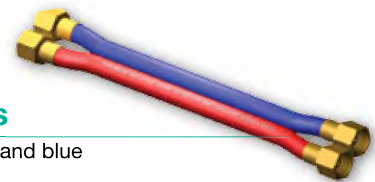
Part Number	ID	OD
A109005	5mm	12mm

## HOSE - OXY/ACET ASSEMBLIES



## Welding Hose Assemblies

**Tube:** NR/SBR  
**Cover:** Smooth red and blue  
**Temperature:** -25°C to 75°C  
**Application:** Crimped twin line welding hose. Oxy acetylene assembly.  
**Standards:** Hose assemblies complies AS1335:1995  
Hose fittings complies AS4267:1995



Part Number	ID	OD	WP	BP	Coil Lengths
A1195CRIMP	5	12	217psi	870	5
A11975CRIMP	5	12	217psi	870	7.5
A11910CRIMP	5	12	217psi	870	10
A11915CRIMP	5	12	217psi	870	15
A11920CRIMP	5	12	217psi	870	20

## LENS



protecting you from harm

## Clear Cover Lenses

Cover lens – first layer offering protection from spatter and other debris. The cover lenses in the Elliott Australia range are optically correct lenses with a surface providing the highest resistance to welding spatter. A cover lens is designed to go in front of the filter lens regardless of whether a filter or an Omni-View lens is used.

- Clear cover lens
- Individually packaged
- 50mm x 106mm

Product Code: CL39



protecting you from harm

## Filter Lens Shade 8 - Shade 13

Glass Filter Lenses:

- Manufactured from the highest quality glass
- Is compliant with International Standard ISO 4850
- Available in a variety of filter shades from 8-13
- Manufactured from high quality glass to meet International Standard ISO 4850
- 50mm x 106mm

Product Code: FL (Filter Shade Number)



## HOSE - OXYGEN / ACETYLENE



## A108 - Single Line Welding Hose

**Tube:** NR/SBR  
**Reinforcement:** High strength polyester braid  
**Pressure:** 217 Psi  
**Temperature:** -25°C to 75°C  
**Special Features:** To AS 1335:1995  
**Size Range:** 5mm to 10mm  
**Application:** For welding and cutting equipment.



Part Number	ID	OD
A108005B	5mm	12mm
A108005R	5mm	12mm



**[E] ELLIOTT**

protecting you from harm

### Super Single Shade™ Auto Darkening Lens

- 94mm x 35mm
- Dark state of 10.5
- Light state of 2.5

Product Code: EPESS240



## MACHINE - ARC

**ROSS™**

### 140amp Arc Welder

- Turbo fan cooled
- 240 volt power supply
- Infinitely variable amperage adjustment
- Ready to weld, accessories included.
- 140amp welding power
- Welds up to 6mm thick
- Uses standard 10amp power point

Product Code: RXT140PB



**Miller**

### Miller Pro 300

Low speed, compact diesel welder  
ideal for professional welders,  
construction contractors and fleets

- Multi-Process Capability: Stick, MIG, Flux Cored, DC TIG
- Add an auxiliary welding device to the PRO 300 for simultaneous dual operator welding
- 15 and 32 Amp single phase outlets provide plenty of power for lighting, power tools and extra welding equipment
- Wide welding output range of 20-410 Amps for MMAW/GTAW and 14-40 Volts for GMAW provides job site versatility
- Fully enclosed vault circuit board protection against dust and moisture
- Quiet operation and compact design
- 3 year warranty – parts and labour

Part No. MR907144012-1



## MACHINES - INVERTER

**ROSS™**

### 150amp Inverter Welder

- Turbo fan cooled - longer welding period
- Thermal overload protection
- Includes 1.7 metre welding cable set with electrode holder and earth clamp in blow mould case
- Hot Start – easier to strike arc
- Anti stick – Shuts down if electrode sticks
- Arc force – current auto increase if arc length is too short

Product Code: RXT150E



**ROSS™**

### 180amp Inverter Welder

- Turbo fan cooled - longer welding period
- Thermal overload protection
- Includes 1.7 metre welding cable set with electrode holder and earth clamp in blow mould case
- Hot Start – easier to strike arc
- Anti stick – Shuts down if electrode sticks
- Arc force – current auto increase if arc length is too short

Product Code: RXT180E



**NuWeld.**

### 160 AMP Inverter Welder - With VRD

- Digital Inverter Welder 160amp with VRD function
- To protect the operator in hazardous conditions
- Digital current control
- Rod selecting -automatically selects welding current based on rod size for simplicity.
- Supplied complete with arc accessories in blow mould case (Tig kit available as optional extra)
- True lift Tig function - simplifies Tig welding
- Hot Start - easier to strike the arc
- Anti Stick - shuts down if electrode sticks

Product Code: NWT160VRD



**WELDMASTER**  
BUILT TOUGH FOR THE PROFESSIONAL

### I ARC 130

- 130 Amp Inverter with set of arc leads
- Carry strap and carry protective case
- Great for light maintenance work
- Duty cycle 35% at 130 amps uses 2.6 and 3.2 electrodes
- 10 Amp power supply

Part Number: I-ARC130



## MACHINES - MIG

**FIVE AUSLINK**  
WELDING & ENGINEERING SUPPLIES

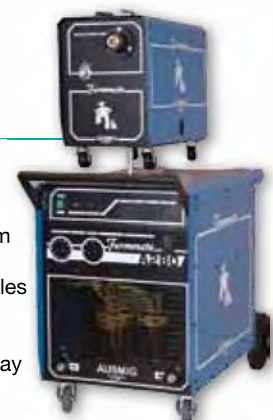
### Farmmate A280T

Duty cycle first 10 min 100% @ 280 Amps  
Thereafter 50% @ 280 Amps

Current range 30 - 300 Amps/240 Volt single phase

- Reverse polarity
- 24 voltage settings
- 4.5 metre primary lead
- Fan cooled
- MB26KD 3 metre torch
- Australian made
- H1150 x W465 x L950
- Wire size .6 ~ 1.2 mm
- 5 Metre earth lead
- 8 Metre traveller cables
- Copper transformer
- Argon regulator
- Optional digital display
- Weight 123kg

Product Code: A280T





# WELDING EQUIPMENT & CONSUMABLES



## Farmmate A320T

Duty cycle first 10 min 100% @ 320 Amps  
Thereafter 50% @ 320 Amps  
Current range 30 - 350 Amps 240 Volt single phase 480 Volt two phase

- Reverse polarity
- 24 voltage settings
- 5 metre Earth lead
- 8 metre traveller cables
- Copper transformer
- Argon regulator
- Optional digital display
- Weight 145 kg
- Wire size .6 ~ 1.2 mm
- Dual input power
- 4.5 metre primary lead
- Fan cooled
- MB36KD 3 metre torch
- Australian made
- H1150 x W465 x L950

Product Code: A320T



## Copperhead

### Copperhead D210C

Duty cycle 40% @ 200 Amps.  
Current range 30 - 210 Amps 240 Volt single phase

- 15 kg spool size
- 12 Voltage settings
- 4.5 metre primary lead
- Copper transformer
- Argon regulator
- H800 x W410 x L780
- Wire size .6 ~ 1 mm
- 5 metre earth lead
- Fan cooled
- MB15AK 3 metre torch
- Australian made
- Weight 80kg

Product Code: D210C



## Copperhead

### Copperhead D210T

Duty cycle 40% @ 200 Amps.  
Current range 30 - 210 Amps 240 Volt single phase

- Reverse polarity
- 12 voltage settings
- 8 metre traveller Cables
- Copper transformer
- Argon regulator
- H1100 x W410 x L760
- Wire size .6 ~ 1 mm
- 5 metre earth lead
- Fan cooled
- MB15AK 3 metre torch
- Australian made
- Weight 92kg

Product Code: D210T



## Copperhead

### Copperhead D260C

Duty cycle 60% @ 240 Amps  
Current range 30 - 260 Amps 240 Volt single phase

- 15 kg Spool size
- 18 Voltage settings
- 4.5 metre primary lead
- Copper transformer
- Argon regulator
- H800 x W410 x L780
- Wire size .6 ~ 1 mm
- 5 metre earth lead
- Fan cooled
- MB25AK 3 metre torch
- Australian made
- Weight 90kg

Product Code: D260C



## Copperhead

### Copperhead D260T

Duty cycle 60% @ 240 Amps  
Current range 30 - 260 Amps 240 Volt single phase

- Reverse polarity
- 18 Voltage settings
- 8 metre traveller cables
- Copper transformer
- Argon regulator
- H1100 x W410 x L760
- Wire size .6 ~ 1 mm
- 5 metre earth lead
- Fan cooled
- MB25AK 3 metre torch
- Australian made
- Weight 102.5kg

Product Code: D260T



## Copperhead

### Copperhead D345C

Duty cycle 60% @ 330 Amps  
Current range 40 - 380 Amps 415 Volt three phase

- 15 kg spool size
- 30 Voltage settings
- 4.5 metre primary lead
- Copper transformer
- Argon regulator
- H800 x W410 x L780
- Wire size .6 ~ 1.2 mm
- 5 metre earth lead
- Fan cooled
- MB36KD 3 metre torch
- Australian made
- Weight 96kg

Product Code: D345C



## Copperhead

### Copperhead D345T

Duty cycle 60% @ 330 Amps  
Current range 40 - 380 Amps 415 Volt three phase

- Reverse polarity
- Wire size .6 ~ 1.2mm
- 5 metre earth lead
- Fan cooled
- MB36KD 3 metre torch
- Australian made
- Weight 112.5kg
- 30 voltage settings
- 8 metre traveller cables
- Copper transformer
- Argon regulator
- H1100 x W410 x L760

Product Code: D345T



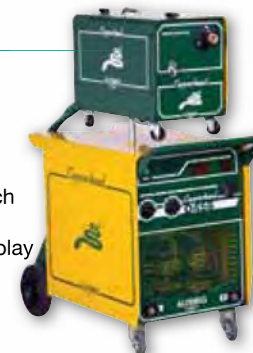
## Copperhead

### Copperhead D456T

Duty cycle 60% @ 400 Amps  
Current range 40 - 460 Amps 415 Volt three phase

- Reverse polarity
- 49 voltage settings
- 8 metre traveller cables
- Copper transformer
- Argon regulator
- Heavy duty 4x4 drive
- H1150 x W465 x L950
- Wire size .6 ~ 1.2mm
- 5 metre earth lead
- Fan cooled
- MB36KD 3 metre torch
- Australian made
- Digital Volt / Amp display
- Weight 138kg

Product Code: D456 T



## Copperhead

### Copperhead D550T

Duty cycle 60% @ 500 Amps  
Current range 40 - 550 Amps 415 Volt three phase

- Reverse polarity
- 30 voltage settings
- 8 metre traveller cables
- Copper transformer
- Argon regulator
- Heavy duty 4x4 drive
- H1150 x W520 x L950
- Wire size .6 ~ 1.2mm
- 5 metre earth lead
- Fan cooled
- MB36KD 3 metre torch
- Australian made
- Digital Volt / Amp display
- Weight 160kg

Product Code: D550T





## ROSS™

### 100amp Gasless MIG Welder

- Turbo fan cooled - thermal overload protection
- 240 volt power supply - ready to weld (gasless)
- 100amp gasless MIG Welder
- Welds up to 5mm mild steel
- Suitable for mini reels and 4.5kg reels of wire
- Easy to use indoors and outdoors
- Trigger activated torch - only live when welding
- Accessories included.

Product Code: RXT100P



## ROSS™

### 150amp Gas/Gasless MIG Welder

- 150 Amp Gas / Gasless Mig Welder
- Welds up to 6mm mild steel
- 4 output settings
- Wire sizes
- Flux core 0.8 - 0.9mm
- Solid 0.6 - 0.8mm
- Domestic power supply - uses 10amp power point

Product Code: RXT150P



## ROSS™

### 175amp Gas/Gasless MIG Welder

- Welds up to 8mm mild steel
- 6 output settings
- Wire sizes
- Flux core 0.8 - 0.9mm
- Solid 0.6 - 0.8mm
- Domestic power supply - uses 15amp power point

Product Code: RXT175P



## WELDMASTER

BUILT TOUGH FOR THE PROFESSIONAL

### MIG 155E

- 155 Amp Mig Welder with Euro connection for Mig welding
- Torch 2.5 metres and one Mini Regulator
- Duty cycle 115 Amps @15%. This welder is great for DIY
- Market uses 0.8mm gas and gasless wire

Part Number: MIG155E



Regulators have 18 months warranty. Regulators conform to AS 4267  
All items are fully tested at our Ingleburn Factory to ensure you a first class quality product.

## WELDMASTER

BUILT TOUGH FOR THE PROFESSIONAL

### MIG 185C SP

- 185 Amp Mig Welder with Euro connection for Mig welding
- Torch 2.5 metres and one professional Regulator
- Duty cycle 185 Amps @30%
- This welder is great for maintenance work
- High power output for 6mm plate
- This machine can have a spool gun fitted for Aluminium welding
- As an extra option uses 0.8mm gas and gasless wire and 0.9, 1mm for Aluminium

Part Number: MIG185C



## WELDMASTER

BUILT TOUGH FOR THE PROFESSIONAL

### MIG 220

- 220 Amps Mig Welder with Euro connection for Mig welding
- Torch 3.8 metres and one professional Regulator
- Duty cycle 220 Amps @40%
- This welder is great for maintenance and professional workshop welder
- High power output for 10mm plate
- 0.8mm gas and gasless wire and 0.9, 1mm for Aluminium
- Many features BurnBack, Latching Gear Roller, Inching, Purging, Spot welding
- 12 voltage settings

Part Number: MIG220



## WELDMASTER

BUILT TOUGH FOR THE PROFESSIONAL

### MIG 250S

- 250 Amps Mig Welder with Euro connection for Mig welding
- Torch 3.8 metres and one professional Regulator
- Duty cycle 250 Amps @35%
- This welder is great for maintenance and professional workshop welder
- High power output for 12mm plate
- 0.8, 0.9mm gas and gasless wire and 0.9, 1mm for Aluminium
- Many features BurnBack, Latching Gear Roller, Inching, Purging, Spot Welding
- 12 voltage settings
- 10 metre interconnecting cables for separate wire feeder unit
- 4 geared drive rollers for professional use

Part Number: MIG250S



## WELDMASTER

BUILT TOUGH FOR THE PROFESSIONAL

### MIG 420S

- 420 Amps Mig Welder with Euro connection for Mig welding
- Torch 3.8 metres and one professional Regulator
- Duty cycle 420 Amps @30%
- This welder is great for maintenance and professional workshop welder
- High power output for any work required
- 0.8, 0.9, 1.6mm gas and gasless wire and 0.1, 1.2mm for Aluminium
- Many features BurnBack, Latching Gear Roller, Inching, Purging, Spot Welding
- 12 voltage settings
- 10 metre interconnecting cables for separate wire feeder unit
- 4 geared drive rollers for professional use

Part Number: MIG420S



Regulators have 18 months warranty. Regulators conform to AS 4267  
All items are fully tested at our Ingleburn Factory to ensure you a first class quality product.



# WELDING EQUIPMENT & CONSUMABLES



## Weldmatic 190

### Highest Output In Its Class

- Suits home users and rural workshops, to light fabrication and hire fleets
- Fillet weld up to 8mm steel, stainless steel and aluminium in a single pass
- Suits gas shielded and flux-cored wires
- Spool capacity: 1kg and 5kg
- 3 year Gold Shield warranty, covering parts and labour
- Includes starter kit – MIG gun, regulator, drive rollers, tips and sample wires
- Optional gas bottle trolley available [P/N AM340]

**Part Number: CP131-0**



## Weldmatic Fabricator

- The complete industrial MIG welding solution for heavy fabrication applications, including vehicle manufacture, ship building and aluminium and stainless steel construction
- Runs all popular sizes of solid and flux cored wires
- Digital volt and amp meters with last weld display
- 30 step voltage control enables fine tuning of weld settings
- Spool capacity: 5kg and 15kg
- Feature packed 4 roll drive wirefeeder
- Fan-on-Demand™ cooling system
- 10m composite cable interconnecting leads
- 3 year Gold Shield warranty, covering parts and labour

**Part No. CP135-1**



## Weldmatic 270

### Highest Output In Its Class

- Suits light to medium fabrication, rural maintenance and hire fleets
- Fillet weld up to 12mm of mild steel, stainless or aluminium in a single pass
- Low, easy to access gas bottle tray
- Feature packed 4 roll drive wirefeeder
- Fan-on-Demand™ cooling system
- Suits gas shielded and gasless wires
- Spool capacity: 5kg and 15kg
- 3 year Gold Shield warranty, covering parts and labour

**Part Number: CP132-1**



## Weldmatic 356

### Productivity On Demand

- Ideal for medium industrial fabrication workshops, sheet metal, boat building, service, repair, maintenance and training centres
- Exceptional weld characteristics at high and low range
- Feature packed 4 roll drive wirefeeder
- 30 voltage steps for fine arc control
- Low, easy to access gas bottle tray
- 10m composite cable leads
- Spool capacity: 5kg and 15kg
- 3 year Gold Shield warranty, covering parts and labour

**Part Number: CP133-1**



## Weldmatic 396

- Ideal for medium to heavy fabrication
- Optimal weld characteristics provide high quality results on steel, stainless steel and aluminium
- Runs all popular sizes of solid and flux cored wires
- Feature packed 4 roll drive wirefeeder
- Digital volt and amp meters
- 30 voltage steps for fine arc control
- Spool capacity: 5kg and 15kg
- 3 year Gold Shield warranty, covering parts and labour

**Part Number: CP134-1**



## Portable Spot Welder

- Spot Welds up to 1 + 1mm
- Electronic Timer
- Adjustable pressure
- Heat insulated handle
- Modern Streamline Design
- 240 volt

**Product Code: TWMODULAR20/TI**



## Digital Modular 230 Spot Welder

- Microprocessor controlled spot welder
- Maximum welding thickness 2 + 2 mm
- Automatic adjustment of welding time and current
- 240 volt

**Product Code: TWDIGITALMOD230**



## SPOT 20

- 240 Volt single phase
- Max. welding thickness:
- 2 x 2 mm flat, 6 x 6 round
- Dimensions (W x L x H) 85 x 500 x 200

**Product Code: Spot 20**

## SPOT 21

- as above with electronic time control

**Product Code: Spot 21**





## MIG WIRE

**HOBART**  
WELDING PRODUCTS

### Fabshield 21B

An all positional general purpose, self shielding, flux cored wire, designed specifically for multi-pass welding of mild steel and galvanised steel up to a maximum of 20mm in thickness.

#### Typical applications:

- Farm and rural fabrication
- Galvanised steel tanks, gates, frames and sheds
- Repairs to truck, trailer and earth moving equipment
- General fabrication

Classification: AWS A5.20: E71T-11

Part Number	Size (mm)	Spool (KG)
S222108-022	0.9	4.5
S222112-022	1.2	4.5



**HOBART**  
WELDING PRODUCTS

### Fabshield 23

An all positional general purpose, self shielding, flux cored wire designed specifically for single-pass fillet and lap joints on thin gauge mild or galvanised steels.

#### Typical applications:

- Farm and rural welding applications including silos, grain bins, fences, sheds and any galvanised steel structures
- Ornamental iron work/craft
- Home handyman applications such as trailers, aviaries and general welding
- General fabrication

Classification: AWS A5.20: E71T-GS

Part Number	Size (mm)	Spool (KG)
S222308-022	0.9	4.5
S222308-029	0.9	15



**HOBART**  
WELDING PRODUCTS

### Fabshield XLR-8

Fabshield XLR-8™ has been designed specifically for the toughest welding applications, such as heavy equipment repair, ship, barge and bridge construction. It is ideal for any welding job that requires high metal toughness combined with operator ease of use. Fabshield XLR-8™ can be used equally well on single and multiple pass applications in all positions, and is especially suited for vertical up welding at high currents.

#### Features

- Welds out-of-position at high currents
- Hydrogen controlled weld deposit H8 typical
- Excellent slag removal
- No shielding gas required
- High impact strength at low temperatures
- Hermetically sealed packaging 15kg only

Classification: A5.20: E71T-8JD H8

Part Number	Size (mm)	Spool (KG)
S225719-053	1.6	15
S225724-053	1.8	15



**NuWeld.**

### MIG Mild Steel Welding Wire

Product Code	Size
NWC1006	0.6mm x 5kg
NWC1007	0.8mm x 5kg



**NuWeld.**

### Flux Cored MIG Wire

Product Code	Size
NWC1014	0.6mm x 0.45kg
NWC1015	0.8mm x 0.9kg



**NuWeld.**

### Aluminium & Stainless Mig Wire

Product Code	Size	Description
NWC1028	0.8mm x 0.5kg	Aluminium
NWC1029	0.8mm x 0.7kg	Stainless Steel



## RESPIRATOR SYSTEM



### Vortex Welding Respirator

**Provides the ultimate protection from welding fumes and dust, particularly when using flux-cored wires.**

- Digital lens technology, with X-Mode, suits out-of-position and outdoor applications
- Flexibility to weld, cut and grind with one helmet
- Two adjustable air flow settings 160 and 200 litres/minute
- Audible, vibration and visual alarm
- Back harness for maximum operator safety
- Lithium ion battery – charges in 3 hours
- Large viewing area

Part Number	Description
236001	Black
236002	Inferno



# WELDING EQUIPMENT & CONSUMABLES

## SHROUD

**NuWeld.**

### Nuweld Standard Conical Shroud

- Pack of 2
- Product Code: NWC1004



## TORCH LINER

**NuWeld.**

### Nuweld Torch Liner

Product Code: NWC1005



## SPRINGS

**NuWeld.**

### Nuweld Nozzle Spring

- Pack of 2
- Product Code: NWC1003



## TIPS

**NuWeld.**

### Contact Tips

Product Code	Size	Pack Qty
NWC1000	M6 0.9mm	5
NWC1001	M6 0.8mm	5
NWC1002	M6 0.6mm	5



## TORCH & LEADS

**NuWeld.**

### NWTIGTORCH

- TIG Torch suits inverters disposable bottles
- Product Code: NWTIGTORCH



## WELDER/GENERATOR



### Miller Bobcat 250 Engine Driven Welder

Ideal for maintenance and repairs, rural fabrication, steel work and as a stand alone generator All In One Welder/Generator available in Petrol or Diesel.

#### Welder

- 250 Amp, AC/DC 100% duty cycle multi-process welder.
- Designed for maintenance and fabrication applications – Stick, MIG and TIG!
- Quietest engine drive in its class.

#### Generator

- Stand alone or dual operation while welding.
- 11,000 watts of 240 Volt auxiliary power.
- Typical equipment that can be powered includes air compressors, refrigerators, pumps, flood lights, circular saws, hand drills and grinders.
- 3 year warranty - parts and labour

Part Number	Description
MR907211018-1	Petrol
MR907213013-1	Diesel





### Miller Big Blue 600X

- Heavy industrial welder/generator for serious construction, structural steel, pipe work, mining and plant maintenance.
- Full Multi-Process - STICK, MIG, Flux Cored, Submerged Arc, DC TIG, Stud Welding
- Independent Generator Power - 4000 watts continuous output for lighting and power tools, even while welding at 500 amps.
- The Perkins four cylinder diesel engine provides 10,000 hours before first basic overhaul and more horsepower for better performance.
- Handles large carbons for gouging
- Quick and easy maintenance - single sided access to oil level check, oil filter, fuel filter and air cleaner
- 3 year warranty - parts and labour

Part No. MR907190-1



### WELDER/GENERATOR/COMPRESSOR/BATTERY CHARGER



#### "4 in 1" Portable Workshops

Welder / Generator / Compressor / Battery Charger

- Welder 22-28V
- 12V DC Battery Charger
- 12CFM Compressor with 14L receiver
- 7kVA 240V Generator

Model Number	Output Amps	Welding Range	Duty Cycle	Engine	Start
APB180PWR	180Amp	65-180	60	Vanguard	Recoil
APH180PWR	180Amp	65-180	60	Honda	Recoil
APH180PWE	180Amp	65-180	60	Honda	Electric
APB200PWR	200Amp	60-200	40	Vanguard VT	Recoil
APB200PWE	200Amp	60-200	40	Vanguard VT	Electric



### WELDER/GENERATOR-PETROL/BATTERY CHARGER



#### Weld 'n' Work™

Welder / Generator / Battery Charger

- AC Welders - Petrol Powered
- All petrol AC welders have 7kVA Aux

Model Number	Output Amps	Welding Range	Duty Cycle	Engine	Start
APW180BRA	180	65-180	60%	Vanguard	Recoil
APW180HRA	180	65-180	60%	Honda	Recoil
APW180HEA	180	65-180	60%	Honda	Electric
APW200BRA	200	60-200	35%	Vanguard	Recoil
APW200BEA	200	60-200	35%	Vanguard	Recoil

- DC Welders - Petrol Powered
- All petrol AC welders have 4kVA Aux

Model Number	Output Amps	Welding Range	Duty Cycle	Engine	Start
APW180BRD	180	65-180	60%	Vanguard	Recoil
APW180HRD	180	65-180	60%	Honda	Recoil
APW180HED	180	65-180	60%	Honda	Electric
APW200BRD	200	60-200	35%	Vanguard	Recoil
APW200BED	200	60-200	35%	Vanguard	Electric



### WELDING CART



#### Welder Cart

- Heavy duty steel construction with rugged powder coat finish
- Solid mobile design
- Ideal for workshop use
- 252mm x 435mm
- Top shelf suits most portable ARC, MIG and TIG welders

Product Code: RXCART





# WELDING EQUIPMENT & CONSUMABLES

## ELECTRODES



### Austarc 12P

Excellent easy starting, smooth running, popular all positional mild steel general purpose electrode. Austarc 12P has the extra arc force and fast freezing slag required for vertical down welds. Typical applications include welding of general purpose structural steel, galvanised gates and fences, trailers, steel furniture, wrought iron work. Great operator appeal. The ideal general purpose choice for the "one electrode" workshop.

Part Number	Size (mm)	Packet Size (KG)	Carton Size (KG)
12P25	2.5	2.5	12.5
12P32	3.2	5.0	15
12P40	4.0	5.0	15



NuWeld.

### Electrodes Mild Steel

Product Code	Size	Pack Qty
NWC1008	2.0mm	Handy Pack 10
NWC1009	2.5mm	Handy Pack 10
NWC1010	3.2mm	Handy Pack 10



## WIREFEEDER - MIG



### Miller X-Treme 12VS Wirefeeder

#### Taking Portable Welding To The Extreme!

Durable, lightweight and portable, the X-Treme 12VS Wirefeeder is designed for field and construction work for voltage sensing welding applications with most CV and CC DC type power sources. Ideal for use with engine drive machines.

The wirefeeder handles a wide variety of wire sizes and types with the high end speed for small diameters, and the low end speed and power for larger diameter, down-hand and all-position, gas and self shielding flux cored wires. The Suitcase X-Treme 12VS requires a feed roll guide kit to be ordered to suit the wire type and size to be used.

- Consistent and precise wire feed
- Heavy duty contractor rated duty cycle 425Amps @ 60%
- Trigger Hold, gas purge and wire inch.
- Soft arc feature provides consistent arc starting
- Robust case design for on-site and dirty environments
- Quick set-up
- Thermal Overload Protection
- 3 year warranty

Part Number: MR195500



### Austarc 13S

Very popular blue and white striped, mild steel general purpose electrode for welding in down hand and vertical positions. Easy to use for less experienced operators. Superior weld appearance and ideal for general purpose and structural welding of sheet and plate steel (galvanised or otherwise) and tubular sections, including trailers, duct work, hoppers, storage tanks etc.

Part Number	Size (mm)	Packet Size (KG)	Carton Size (KG)
13S25	2.5	2.5	12.5
13S32	3.2	5.0	15
13S40	4.0	5.0	15



### Austarc 16TC

Smooth running, low hydrogen electrode. Excellent operator appeal. Suits all welding positions – except vertical down. Tough weld metal deposit with low temperature impact properties to -40°C. Designed to handle the toughest maintenance, construction and mining applications. Low spatter levels. Excellent weld wetting and easy to remove slag. Grade 4 high quality weld deposits with exceptional weld toughness and crack resistance.

Part Number	Size (mm)	Packet Size (KG)	Carton Size (KG)
16TC25	2.5	2.5	12.5
16TC32	3.2	5.0	15
16TC40	4.0	5.0	15



## For all your GAS WELDING & CUTTING PRODUCTS & CONSUMABLES

WELDING HEATING NOZZLES  
GAS CUTTING & WELDING KITS  
REGULATORS, OXYGEN & ACETYLENE  
GAS WELDING, BRAZING RODS & FLUXES  
contact your ISG member







## ANCHORS - ADHESIVE



### Fasteners - Adhesive Anchoring-Concrete & Masonry

Polyester, Vinyl ester, Epoxy adhesive injection systems. Glass adhesive capsules containing two part epoxy resins. Threaded Studs for adhesive anchoring in zinc plated, galvanised and stainless steel materials 8mm to 24mm diameters in varied lengths.



### AC100E Professional Kits™

Adhesive value pack for the professional has all the required accessories for post installed chemical anchors, this easy to handle all-in-one kit keeps all your adhesive accessories protected and easily accessible.

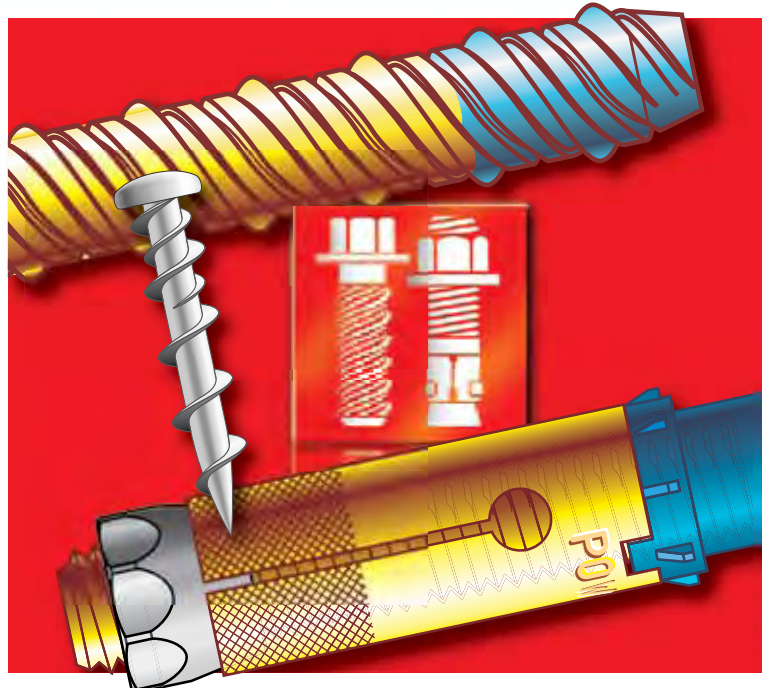
- Contained in a Durable Carry Case is the perfect Starter Kit for adhesive anchoring.
- 4 tubes of AC100E with all cleaning equipment, tooling and instruction leaflet ensure you will get the job done correctly.
- Powers AC100E polyester resin with no VOC is GECA approved, perfect for use on projects with Green Star requirements.

Part Number	Description
AC100E.CASE	<ul style="list-style-type: none"> <li>• 1 x Dispensing Gun</li> <li>• 4 x Tubes of AC100e</li> <li>• 1 Blow Pump</li> <li>• 6 x Nozzles</li> <li>• 4 x Metal Brushes</li> <li>• 1 x Instruction Sheet</li> </ul>



# FASTENERS

## ANCHORS- MASONRY



### Fasteners - Mechanical Concrete & Masonry Anchors

Light and Medium duty expansion anchors in varied head styles and materials. Nylon, zinc plated and galvanised carbon steel, stainless steel from 5mm to 10mm diameters. High-Tensile 5.8 and 8.8 grade Safety Anchors 10mm to 14mm bolt diameter range. Blue Tip ScrewBolts-concrete and masonry thread cutting concrete screw anchors in Zinc and Galvanised finish from 5.5mm to 16mm diameters in varied lengths.



### Blue-Tip SCREWBOLT™

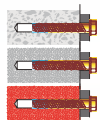
The Blue-Tip SCREWBOLT™ anchor is a one piece, heavy duty anchor with either a finished hex head or countersunk flat head. Easy to identify the Blue-Tip SCREWBOLT™ anchor also has many unique features and benefits that make it well suited for almost every application. Optimum performance is obtained using a combination of patented design concepts. The benefit to the designer is higher load capacities while the benefit to the user is ease of installation.

#### Features:

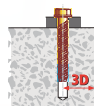
- ratchet teeth for locking to fixture
- relief grooves for low installation torque providing dust extraction
- reverse parabolic threads provide high load capacity
- 30° helix angle allows it to be tightened quickly
- chamfered tip for easy centering



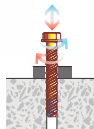
**Easy identification** Blue-Tip SCREWBOLT™ anchors have both the diameter and length clearly embossed on the head of the anchor. This enables simple and easy inspection.



**Concrete, Block, Brick** The Blue-Tip SCREWBOLT™ anchor is versatile and can be used in a variety of base materials. This reduces the need to stock assorted anchor types.



**Close to edge installs** The Blue-Tip SCREWBOLT™ anchor cuts a thread into the base material. With no expansion forces, it can be installed closer to the edge than traditional mechanical anchors - no base material damage.



**Removable and reusable** Easy to remove, leaving a neat clean hole. Unlike traditional anchors no grinding off of anchors is needed and no anchor components are left in the hole. It can be reused in the same hole.



**Immediate high strength loading** Blue-Tip SCREWBOLT™ Anchors can be loaded immediately. Unlike adhesive anchors, there is no lengthy curing time. This allows for immediate completion of fastening applications.



**Shallow embedment** Blue-Tip SCREWBOLT™ installs at shallower depths than traditional sleeve anchors reducing chances of striking rebar or cables. Drilling time and bit wear can be reduced resulting in significant savings.

HEX HEAD - Carbon Steel Yellow Passivated			
Part Number	Size	Part Number	Size
BT550	5 x 50mm	BT1060	10 x 60mm
BT6530	6.5 x 30mm	BT1075	10 x 75mm
BT6550	6.5 x 50mm	BT10100	10 x 100mm
BT6575	6.5 x 75mm	BT10120	10 x 120mm
BT65100	6.5 x 100mm	BT1275	12 x 75mm
BT850	8 x 50mm	BT12100	12 x 100mm
BT860	8 x 60mm	BT12150	12 x 150mm
BT875	8 x 75mm	BT16100	16 x 100mm
BT8100	8 x 100mm	BT16150	16 x 150mm

Other Blue-Tip SCREWBOLT styles available in the range:



Countersunk



Eyebolt

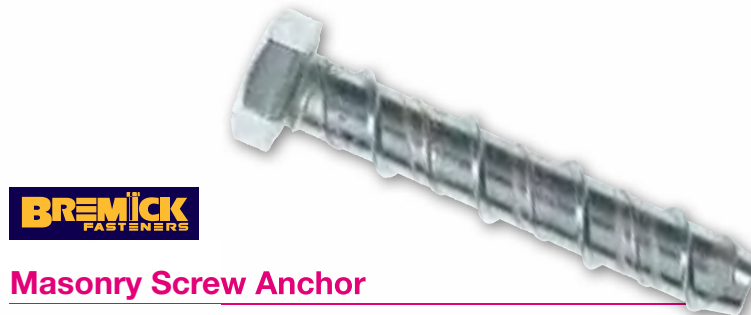


Mechanically Galvanised Hex



### BREMBOLT™

Bremick Brembolt™ Load Controlled Sleeve Anchors are heavy duty, one piece, torque controlled mechanical anchors, consisting of a high tensile threaded plow bolt and washer, a hardened cold formed cone with a heavy gauge carbon steel shear sleeve and nylon compression ring. Suitable for use in cracked and uncracked concrete, ETA Approved, Shock loading approved, Fire Rated and approved for use in Tilt Wall construction AS 3850.



### Masonry Screw Anchor

The Bremick Masonry Screw Anchor is a highly versatile anchor providing the combined performance characteristics of mechanical anchors and those of chemical anchors, with the added benefit of being totally removable. Manufactured in one piece from high tensile steel it is capable of providing secure anchorage into concrete, hollow brick, block, stone and even timber. Suitable for installation at close centres and small edge distances.





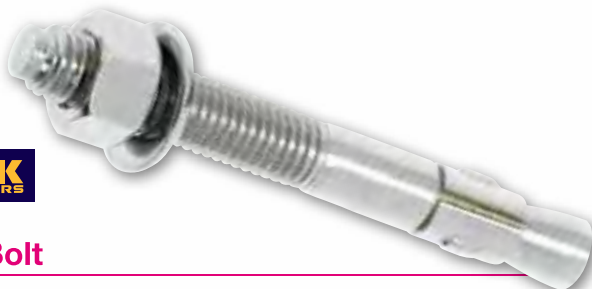
### Sleeve Anchor

Bremick Sleeve Anchors are available in a broad range of styles for medium duty applications, including, flange head, flush head, countersunk, hook, eye and suspension styles. Bremick Sleeve anchors are also available in a full range of materials including Stainless steel 316, Galvanised and zinc plated.



### Through Bolt

Bremick Through Bolts are a single unit preassembled wedge type anchors available in zinc plate, galvanised and 316 stainless steel. Bremick through bolts are suitable for high load applications in concrete where through fastening, long thread lengths and small diameter drill holes are important.



### Drop In Anchor

Bremick Drop In Anchors are medium duty deformation controlled anchors for use in concrete where a flush internal threaded fixing is required. Bremick drop in anchors are available lipped to ensure flush setting to the concrete surface. Materials include Stainless steel 316 and zinc plated.



## ANCHORS - MASONRY - SYSTEMS



### BREMFIX™

The Bremfix™ Chemical anchoring systems comprise of a full range of adhesive anchoring products including, Bremfix™ Capsules, Bremfix™ Poly Injection, Bremfix™ StyFree EASF Injection and Bremfix™ Epoxy Injection Systems. Also available are high tensile stud bolts, Stainless steel 316 stud bolts, masonry sieves and cleaning tools.

## ASSORTMENT KITS – FASTENERS



### Trade Packs

- Sturdy plastic box with clear lid
- 10 Compartment plastic storage box

650 piece SPLIT PINS

10 sizes Metric - 1.6 x 22 mm to 4.0 x 45 mm

Imperial - 7/64" x 50 mm & 9/64" x 50 mm

**Part Number: 102.110**

720 piece Spring & internal star washers. 10 sizes Metric - M5 to M12

**Part Number: 102.120**

650 piece Flat steel washers.

10 sizes Metric - M5 to M12 Imperial - 3/16" to 1/12"

**Part Number: 102.130**

750 piece Phillips drive pan head self tapper screws

8 sizes 6G x 1/2" to 12G x 1" Imperial - 3/16" to 1/12"

**Part Number: 102.135**

650 piece Hexagon nuts. 7 sizes Metric - M3 to M12

**Part Number: 102.150**

145 piece Hexagon bolts. 10 sizes Metric - M5 x 12 mm to M10 x 70 mm

**Part Number: 102.155**

575 piece Machine screw & hexagon nut

Machine Screws: 7 sizes M4 x 16 mm to M6 x 40 mm

Hexagon Nuts: 3 sizes M4, M5 & M6

**Part Number: 102.276**



### Master Packs

- Sturdy plastic box with clear lid
- Removable inserts

2825 piece Machine screws, nuts and washers

**Part Number: 102.534**

1490 piece Self tapper assortment pack

**Part Number: 102.512**

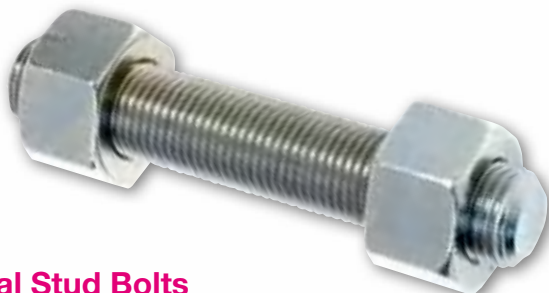
1395 piece Washer assortment

**Part Number: 102.567**



# FASTENERS

## BOLTS - PETROCHEMICAL



### Petrochemical Stud Bolts

Bremick manufactures and stocks a full range of certified stud bolts for the petrochemical industry all of which are conveniently packaged with two Heavy Hex. Nuts.

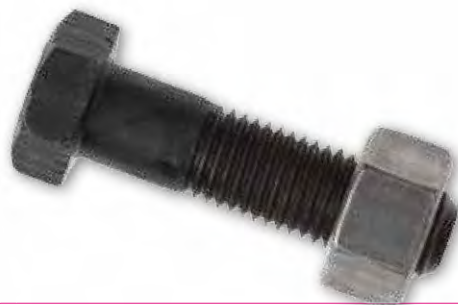
- Stud bolts, Hexagonal Headed Bolts and Heavy Hex Nuts from 1/2" diameter to 4" Diameter.
- Lengths up to 12ft.
- Grades, all grades.
- Coatings, all specified coatings available.
- All products are supplied with full certification.

## BOLTS & NUTS - HEX HEAD



### Mild Steel

Bremick Mild Steel fasteners are manufactured in strict conformance with Australian Standards. Our range includes: Metric and BSW Bolt and Nuts, Metric and BSW Set Screws, Metric and BSW Cup Head Bolts, Coach Screws, Threaded Rods and a broad range of Nuts and Washers. Available in a full range of coatings including plain, zinc plated and galvanised.



### High Tensile

Bremick High Tensile fasteners are used where high strength connections are paramount. Our range includes, UNC Grade 5, UNC Grade 8, UNF Grade 5, UNF Grade 8 and Metric Class 8.8 Nuts and Bolts, Set Screws and Threaded Rod. Plain, zinc plated and galvanised finishes are all readily available.



### Structural Assemblies

Bremick manufactures a full range of Structural Assemblies, all of which fully comply to AS 1252 for use in structural steel work. Each assembly consists of bolt, nut and hardened washer. Also available are Direct Tension Indicating Washers that make it possible to accurately and economically control bolt tension. Full conformance certification provided with all purchases.

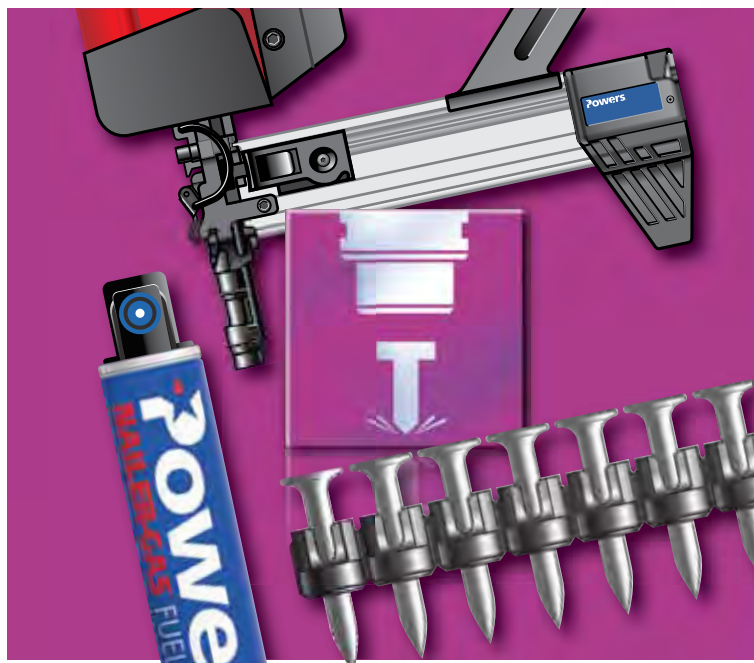
## FASTENERS - STAINLESS STEEL



### Stainless Steel

A comprehensive range of Stainless Steel Grade 316 and Stainless Steel Grade 304 fasteners are readily available for all fastening applications that are exposed to highly corrosive environments. Metric, UNC and BSW Bolts, Set Screws, Threaded Rod and Socket Screws are readily available. Also Self Tapping Screws, Metal Thread Screws, Nuts, Acorn Nuts, and Nyloc nuts.

## FASTENERS - FORCED ENTRY POWDER & GAS



### Fasteners - Forced Entry Powder and Gas

Fasteners - Forced Entry Powder and Gas actuated drive pin systems for Concrete, Masonry and Steel. 27 caliber powder explosive tools. Gas fuel cell functioning tools for most trades with consumable concrete pins and trade specific fastening solutions.



## NUTS & WASHERS



### Nuts and Washers

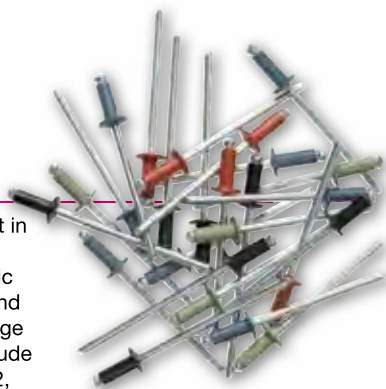
Bremick provides a full range of nuts and washers to meet all fastening needs. Nuts are available in all forms, all grades and with all thread forms, including locking nuts, nyloc nuts and wing nuts. Washers are also available in all sizes, grades, coatings and Stainless steel grades 316 and 304, including flat round, square and spring washers.

## RIVETS - POP

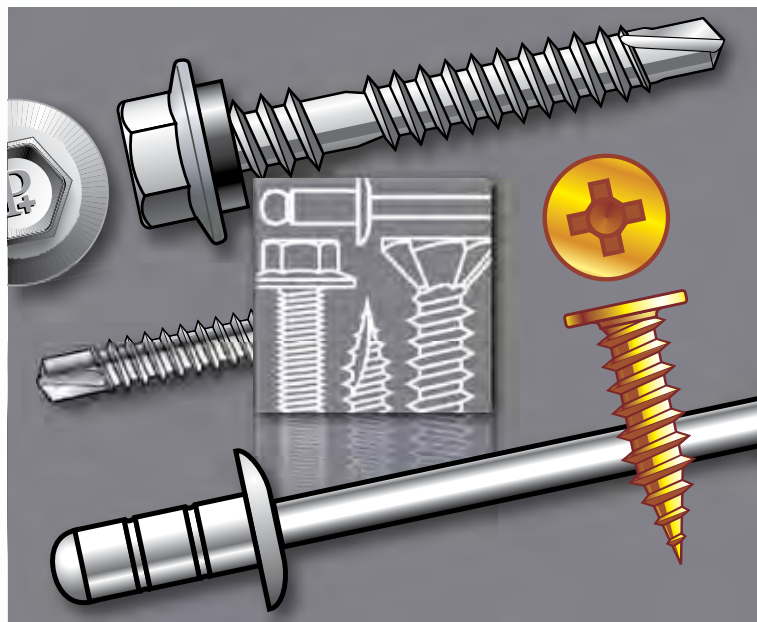


### Rivets

The Bremick Rivet offering is the largest in Australia and is available in a variety of packaging options, Bulk Cartons, Plastic Trade Packs or Retail Packs. Roofing and cladding rivets are available in a full range of pre painted colours. Other rivets include Marine grade aluminium 5056 and 5052, Stainless Steel, Steel and monel rivets.



## SCREW & RIVETING SOLUTIONS



### Self Drilling Screws for Metal & Timber

Carbon Steel Self Drilling Screws for Metal and Timber in yellow zinc and class 4 finish. Type 17, Needle point, Chipboard and specialist decking screws. Bi-Metal 304 and 316 stainless steel self-drilling screws for metal. Tamper resistant self drilling screws in carbon and stainless steel materials for metal and timber. Muro stand up auto feed collated Screw driving system for ergonomic, cost effective screw fastening. Riveting solutions - general purpose, blind, sealed, truss, countersunk head, alum, steel, stainless steel, Monel and specialist rivets variants and all tooling.

## SCREWS



### Self Tapping Screws & Metal Threads

The Bremick range of Metal Thread and Self Tapping Screws are available in either stainless Steel Grade 304 or Stainless steel Grade 316. Countersunk and Pan Head Metal Thread Screws are also available with metric or imperial thread forms up to M8 or 1/4". Self Tapping screws are available in sizes from 4g to 14g

## SCREWS - COACH - HEX HEAD



### Coach Screws

For secure fastening of heavy timbers the Bremick range of Coach Screws cover all application needs. Sizes available range from 6mm up to 20mm in diameter, with length from 25mm to 200mm. Bremick Coach Screws are also available to suit any corrosive environment with the choice of, zinc plated, galvanised and stainless steel grades 316 and 304.



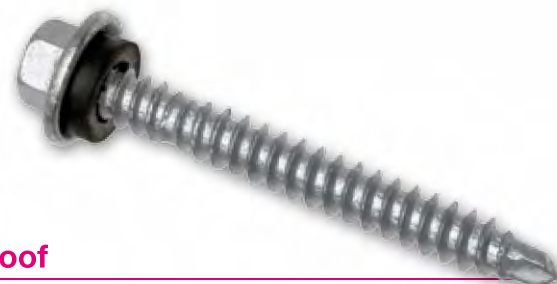
## SCREWS - ROOFING



vortexroof

### VORTEX™ Roof

VORTEX™ Roof is a universal screw engineered for steel roofing applications and is highly suitable for fastening both corrugated and square rib roofing profiles to timber, metal battens and steel purlins. Fully compliant with AS 3566 and is available in a full range of pre painted colours.



vortexcyclone

### VORTEX™ Cyclone

VORTEX™ Cyclone is a universal roofing assembly specifically engineered to withstand the most severe tropical cyclone and is suitable for fastening corrugated and square rib roofing profiles to timber, metal battens and steel purlins. Extensively tested and approved to Building Codes of Australia (BCA) 2008 specifications B 1.2 for use in buildings in cyclonic regions. Available in all colours.





# FASTENERS

## SCREWS - SELF DRILLING



### General Purpose Screws

Whatever the application Bremick can provide the solution with a purpose made self drilling screw. For use in metal, timber, chipboard, treated pine, plasterboard or fibre cement, Bremick has the right screw. All fully compliant with Australian Standard AS 3566



### Self Drill Screws for Metal

Bremick manufactures a full range of, AS 3566 compliant, self drilling screws for metal applications including a comprehensive range of roofing and cladding screws. Metal drilling screws are available in zinc plate, AS 3566 Class 4 Galvanised, AS 3566 Class 3 galvanised or Stainless Steel. Roofing and cladding screws are also available, pre painted in all common roofing colours.



### Type 17 Screws

Bremick manufactures a full range of, AS 3566 compliant, Type 17 self drilling screws for general fastening into timber including a comprehensive range of T17 roofing and cladding screws. Type 17 screws are available in zinc plate, AS 3566 Class 4 Galvanised, AS 3566 Class 3 galvanised or Stainless Steel. Roofing and cladding screws are also available, pre painted in all common roofing colours.



### Stainless Steel Screws

For fastening applications in highly corrosive environments Bremick carries a broad range of self drilling stainless steel screws in both grade 304 and 316.

- Metal Drilling Screws
- Type 17 screws
- Decking screws
- Bugle Batten screws
- Self tapping screws and many more



## SCREWS - SOCKET



### Socket Screws

Bremick provides a full range of Socket Screws in Carbon Steel, Stainless Steel Grade 316 and Stainless Steel Grade 304. Cap Screws, Flat Head counter Sunk, Button Head, Shoulder Screws and Grub Screws.

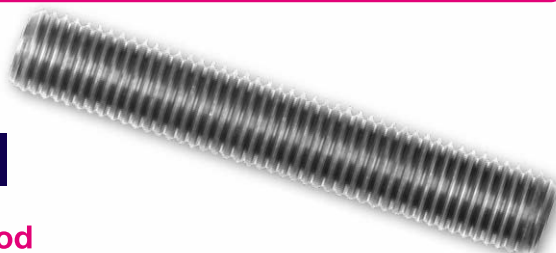


## THREADED ROD

### Threaded Rod

The Bremick range of Threaded Rod is readily available in all grades and thread forms in both metric and imperial. All of which is manufactured in compliance with international standards.

- Stainless Steel Grade 316 and 304.
- Mild Steel and High Tensile grades in: black, zinc plated and galvanised.
- Threads BSW, UNC, UNF and Metric.
- Lengths: 3ft, 12ft, 1m and 3m.
- Accessories: Nuts, washers, square washers and couplers.



## THREAD INSERTS



### Wire Thread Insert System

M2 – M12 (1/8" – 1/2") PowerCoil Thread Repair Kits include all the necessary components to successfully repair damaged threads. Kits include Drill, STI Tap, Inserts, Installation Tool and Tang Break-Off Tool.

The PowerCoil Wire Thread Insert System includes a complete range of over 140 Thread Repair Kits; Free Running and Screw Locking inserts; Strip Feed Inserts; STI Hand & Machine Taps; Installation, Tang Break and Removal Tools.





## THREAD RESTORERS



### PowerCoil Nes Adjustable Thread Restorers

PowerCoil NES External and Internal thread restorers are ideal for simple, cost effective thread repair in maintenance, plumbing, construction, car repair and agricultural applications. PowerCoil NES hand tools automatically adjust to any thread diameter and pitch, can be used on left hand or right hand thread, both inch and metric with no need to measure the thread.

PowerCoil NES External thread restorers are available in 3 sizes and can repair threads from 4mm (5/32") up to 128mm (5").

PowerCoil NES Internal thread restorers are available in 6 sizes and can repair threads from 8mm (5/16") up to 68mm (2-5/8").

PowerCoil NES restorers are available individually or in a range of convenient combination sets.



**Nes®**

## WASHERS - DIRECT TENSION - STRUCTURAL



### Direct Tension Indicators

Direct Tension Indicating Washers (DTI's) are used with Bremick Structural Assemblies to ensure that the bolts are installed to the correct "bolt tension" as specified in the Australian Standard for Structural Steel (AS 4100). Bremick DTI's are fully calibrated to and provide a simple and economic method to assist accurate installation and inspection of structural bolted connections. Bremick DTI's are manufactured from Grade 8.8 steel, are galvanised and conform to ASTM F 959M and AS 4100.



# LUBRICATION EQUIPMENT & LUBRICANTS



## ANTI-SEIZE COMPOUNDS

**MOLYBOND**  
Specialised Lubricants

### GOG

Molybond GOG is a lead free, heat and water resistant lithium based grease containing lubricating solids including molybdenum disulphide and copper. It is based on a high viscosity oil and formulated to NLGI No. 2 consistency to effectively lubricate sliding surfaces operating under heavy loads at low speeds in wet, hot or dusty conditions. It is recommended as a thread lubricant for the arduous conditions in the earth moving and drilling industry.



Part Number	Description	Size
RP351587	GOG/1 Pumpable Anti Seize and Drill Coupling Lubricant	20kg
RP351072	GOG Anti Seize and Drill Coupling Lubricant	2.5kg
RP351087	GOG Anti Seize and Drill Coupling Lubricant 20kg	20kg

**ROCOL**

### Nickel Anti-Seize

Rocol Nickel Anti-Seize Compound is formulated to prevent seizure of threaded components which are subjected to extremely high temperatures or adverse environmental conditions for long periods of time. It contains lubricating solids to prevent galling and seizure during assembly or dismantling under heavy loads.



Part Number	Description	Size
RY480450	Nickel Anti Seize Compound for Stainless Steel	500g
RY480455	Nickel Anti Seize Spray for Stainless Steel	350g

**ROCOL**

### Anti-Seize

Rocol Copper Anti-seize is a soft paste containing finely divided, friction reducing solids including copper, graphite and molybdenum disulphide. The complex blend is designed to prevent seizing and galling of threads and other mating surfaces in corrosive conditions or where high temperature or vibration is of concern.



Part Number	Description	Size
RY480431	Copper Anti Seize Compound	500g
RY482482	Copper Anti Seize Spray	300g

**Devcon**

### Stop Seize

This product is a heavy duty, high temperature, water repelling compound that protects against locking and cold welding of metal parts. It is used for the protection of carbon steel components found in all facets of engineering and operates in environments up to 1090°C.



Part Number	Description	Size
D19030	Devcon Stop Seize Nickel Anti Seize Brush Top	500gm
D19020	Devcon Stop Seize Copper Anti Seize Brush Top	500gm



## CORROSION PROTECTION



### U.P.

Lanotec U.P. is the ultimate in corrosion protection in highly corrosive/acidic environments, preserving and extending the life of your assets.



Part Number	Description	Size
UP\SP-0750	U.P.	750ml Spray
UP\0004	U.P.	5 Litre Bottle
UP\0020	U.P.	20 Litre Drum



### 3-IN-ONE<sup>®</sup> professional

#### No-Rust Shield (90 days)

- Small, compact and great for use in tool boxes, tackle boxes, etc. to protect against rust.
- Keeps tools and equipment like new

Product Code: 11075



## CUTTING & TAPPING COMPOUND



### Treflex Cutting Compound

Treflex is a green coloured, active cutting compound containing a colloid. It melts slowly as frictional heat is generated. It maintains efficient lubrication throughout operations such as pipe screwing, hack sawing, tapping, reaming, etc. It is suitable for all users of hand tools.

Treflex prolongs the life of the tool. It will not corrode steel nor affect aluminium. Although the surface of copper and brass is darkened, the metal suffers no detrimental effect. It is ideal for use with stainless steel.



Part Number	Description	Size
3060	Cutting and Tapping Compound - Tub	500mL
3061	Cutting and Tapping Compound - Tub	2L



### Soluble Cutting Oil

Premium quality, chlorine free, borate containing soluble cutting oil, designed for light to moderate machining operations including boring, milling, drilling, tapping, threading, broaching, turning, reaming and grinding.



Part Number	Description	Size
HI6-2910-0005	Soluble Cutting Oil	5L
HI6-2910-0020	Soluble Cutting Oil	20L
HI6-2910-0200	Soluble Cutting Oil	200L

## CUTTING FLUIDS / OILS



### Cutting Fluids & Lubricants

Goliath stocks a range of Relton Neat Cutting Oils and Water Soluble Cutting Fluids. Cutting fluids extend the life of taps and dies by lubricating the cutting edges and aid in the removal of swarf in machine applications. Cutting fluids / coolants also aid in reducing heat build up on the cutting edge.

- Relton Rapid Tap range – from 118ml to 20 litre containers.
- Paste containers 236ml.
- Relton Aluminium A9 Range – from 118ml to 20 litre containers
- Water Soluble Cutting Fluid – available in 1, 5 and 20 Litre.



### Lightning Tool Tonic Cutting Fluid and Metal Conditioner

- 100% natural lanolin and fatty acid based
- Added eucalyptus oil for maximum penetration
- Protect and improve the cutting edge
- Conditions and protects all cutting equipment
- Natural lubrication properties
- Cooler, smoother, reduced friction makes for safer, quicker and better results when drilling and cutting



Part Number	Size
116S	750ml



### Ultracut Longlife & Clear

Rocol Ultracut Longlife is a high quality heavy duty, water dilutable mineral soluble cutting oil formulated to give exceptionally long fluid life, good cutting performance and excellent corrosion resistance. It is suitable for medium/ severe duty machining on a wide range of ferrous and non-ferrous metals including copper alloys.

Part Number	Description	Size
RY563011	Ultracut Long Life Heavy Duty Metal Cutting Fluid	20 Litre
RY563015	Ultracut Long Life Heavy Duty Metal Cutting Fluid	205 Litre
RY561411	Ultracut Clear High Dilution Semi Synthetic Metal Cutting Fluid	20 Litre
RY561421	Ultracut Clear High Dilution Semi Synthetic Metal Cutting Fluid	205 Litre
RY562611	Ultracut Premium High Performance Mineral Soluble Oil	5 Litre
RY562621	Ultracut Premium High Performance Mineral Soluble Oil	20 Litre



# LUBRICATION EQUIPMENT & LUBRICANTS

**ROCOL**

## Safetap Liquid

A unique blend of synthetic additives in a water-based tapping fluid, Rocol SafeTap Liquid improves tool life and thread surface finish in tapped holes whilst providing the machinist with a safe and clean environment. It provides the cooling properties of a water soluble coolant with the cutting performance of a neat oil.



Part Number	Description	Size
RY19122	Safetap Liquid, Reaming, Drilling, Tapping	500ml
RY19131	Safetap Liquid, Reaming, Drilling, Tapping	5 Litre



## Lubricating Fluid For Cutting, Tapping & Drilling

Lubricating Fluid is a medium viscosity metal cutting liquid for use in reaming, tapping, drilling and other metal cutting operations.

Three major problem areas are addressed when you use Sutton Tools Lubricating Fluid has been specifically formulated to:

- Dissipate heat from both the tool work piece
- Act as a lubricant between the tool and the work piece
- Extend tool and die life by reducing wear
- Improves thread and surface finish
- Removes swarf from the cutting edge
- Flows to cutting edge
- Excellent penetration into deep holes and slots application

For use with holesaws, drills, taps, reamers and general metal machining applications. Apply Lubricating Fluid to work piece prior and during machining process.

Part No. M8000250



## Tap-Magic® with EP-Xtra

Outstanding performance for any cutting operation on any metal.

Part No.	Size
10004E	120ml
10016E	472ml
10012EL	354g
10050E	5lt
10025E	25lt



## Tap-Magic® Xtra-Thick

The extreme performance heavyweight cutting fluid for the hardest metals up to 45 RC. Excellent results on Stainless Steel.

Part Number	Size
70016T	472ml



**Treflex**

## Treflex HD Cutting Fluid

Treflex HD Cutting Fluid is an extreme duty cutting fluid. It is a thick fluid that sticks to the cutting tool throughout the operation. Considered environmentally safe. This fluid is ideal for tapping and drilling stainless steel, carbon steel, inconel, monel, hastelloy, titanium, aluminium and other alloys and exotics.

Part Number	Description	Size
3065	HD Cutting Fluid	500mL



**Treflex**

## Treflex AL Cutting Fluid

Treflex AL Cutting Fluid is a solvent based cutting fluid. It delivers equivalent performance without being labelled as a suspected ozone-depleting agent. Designed to provide superior lubricity and cooling in cutting aluminium and its alloys. Evaporates quickly, leaves little residue and provides excellent finishes.

Part Number	Description	Size
3067	AL Cutting Fluid	500mL



**Treflex**

## Treflex C.D.T. Cutting Oil

Treflex C.D.T. Cutting Oil is ideal for the critical machining of non-ferrous metals for all operations in Machinability \*Group 1 (except those such as deep drilling where low viscosity oil is required) and less critical operations in Machinability \*Group 2. Treflex C.D.T. Cutting Oil leaves an anti-corrosive residue.

Part Number	Description	Size
3063	C.D.T. Cutting Oil - Aerosol	300g



## FUEL - FILTER



## Fuel Filter

- Fuel filter suitable for use with gravity or with hand, air or electric drum pumps
- Features a 10 micron fuel filter element, a drain cock and a replaceable clear plastic bowl
- 1" BSP inlet and outlet
- Replacement elements readily available

Part Number: FA2N







### Fuel Filter (10µm)

- Inlet: 1" BSPP (RP); Outlet: 1" BSPP (RP), supplied without fittings
- Usable together with DM100 Mechanical Fuel Meter (above)
- Body material: zinc
- Housing material: petrol resistant nylon

Item Code: HA1S-01



## FUNNELS



### Clean Funnels

- Screw down caps at both ends of the funnels ensure that they are contaminant free for the next time you need to use them

Part Number	Description
10430CF	1420ml capacity
10350CF	1420ml capacity
10270CF	1180ml capacity
10220CF	450ml capacity



### Smart Funnels

- Heavy duty polypropylene construction
- With special contours in the funnel body for easy handling
- Complete with wire mesh screen, dust cover and flexible spout



Part Number	Capacity	Diameter	Spout Length
305388	1.7 Litre	205mm	170mm
305389	3 Litre	240mm	245mm

## FUEL NOZZLES



### Fuel Nozzles

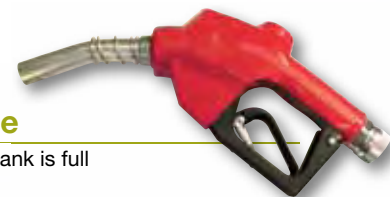
Item Code	Model	Inlet/Outlet (BSP)	Flow Rate
MNL	Manual	1" x 1"	up to 70L/min
MNHF	High Flow	1 1/2" x 1 5/8"	up to 260 L/min
ANL	Automatic	1" x 3/4" Outlet Adapt incl. 1"	up to 60 L/min
ANHF	High Flow	1 x 1 3/16"	up to 120 L/min with trigger latch

## FUEL NOZZLES - AUTOMATIC



### Auto Shutoff Fuel Nozzle

- Automatically cuts off when a fuel tank is full
- 1" BSP swivel included
- Suitable for applications involving a pump only



Part Number	Description
51037	Can operate with flow rates up to 60 LPM
51039	Can operate with flow rates up to 120 LPM



### AdBlue Automatic Nozzle

- Automatically shuts off when the tank is full
- Flow rates of up to 20LPM
- Strong stainless steel housing encased in rubber nozzle shroud
- Lever protection prevents accidental dispensing
- 3/4" BSP (f) inlet swivel included

Part Number: 619032



## FUEL NOZZLES - MANUAL



### Manual Fuel Nozzle

- Capable of flow rates up to 150LPM
- Suitable for gravity feed applications and applications including pressures of up to 140psi
- Hanging clip helps to reduce the possibility of fuel contamination
- 1" BSP swivel included



Part Number	Description
52007	Diesel Fuel
52155	Unleaded petrol



### AdBlue Manual Nozzle

- Highly efficient with low flow resistance
- Flow rates of up to 80LPM
- Features include lever protection and a removable trigger lock
- 3/4" OD hose tail
- Can be locked in the open position

Part Number: 147610



## GREASE - BEARING



### Lithplex TAC Grease

Lithium complex tacky grease providing excellent lubrication for a wide range of anti-friction and plain bearings, wheel bearings, gears, and couplings in automotive, marine, agricultural, earth moving, and industrial applications. Blue in colour.

Part Number	Size	Part Number	Size
HI7-1005-00045	450g	HI7-1005-020	20kg
HI7-1005-0005	500g	HI7-1005-055	55kg
HI7-1005-0025	2.5kg	HI7-1005-180	180kg



# LUBRICATION EQUIPMENT & LUBRICANTS

**ROCOL**

**MOLYBOND**  
Specialised Lubricants



## Bearing Greases

Rocol and Molybond greases are suitable for use in both anti-friction and plain roller bearings used in all types of operating conditions such as high load, wet and dusty environments. Applications include general plant, high temperature, marine and heavy duty earth moving equipment.

Part Number	Description	Size
<b>RY424031</b>	Sapphire Aqua Bearing Grease	450g
<b>RK353857</b>	Opal Hi Load Bearing Grease	450g
<b>RY424851</b>	Sapphire Ultraplex Bearing Grease	450g
<b>RL355957</b>	Opal Pin & Bush Grease	450g
<b>RY424001</b>	Sapphire Hi Temp Bearing Grease	400g

## GREASE - TYPE 'A'

**Lanotec**  
NATURALLY BETTER



### Type "A" Grease

Pure natural lanolin, a unique natural substance produced by sheep to form a coating on wool fibres to protect them against the elements.

Part Number	Description	Size
<b>GS\250T</b>	Type "A" Grease	250ml Tube
<b>GS\0235</b>	Type "A" Grease	235ml Tub
<b>GS\0500</b>	Type "A" Grease	500ml Tub
<b>GS\0001</b>	Type "A" Grease	1 Litre Tub
<b>GS\0004</b>	Type "A" Grease	4 Litre Tub
<b>GS\0020</b>	Type "A" Grease	20 Litre Drum

## GREASE - LITHIUM



### Super Molytac Grease

Lithium complex grease with 3% molybdenum disulphide and extra tackifier suitable for use in ball joints, king pins, hammers. etc. Black in colour.

Part Number	Description	Size
<b>HI7-1007-00045</b>	Super Molytac Grease	450g
<b>HI7-1007-0005</b>	Super Molytac Grease	500g
<b>HI7-1007-0025</b>	Super Molytac Grease	2.5kg
<b>HI7-1007-020</b>	Super Molytac Grease	20kg
<b>HI7-1007-055</b>	Super Molytac Grease	55kg
<b>HI7-1007-180</b>	Super Molytac Grease	180kg



### White Lithium Grease 300g

- Prevents rust and corrosion
- Long-lasting
- Heavy duty lubricant
- Water and heat resistant
- High water resistance
- Lubricates metal to metal and plastic to metal

Product Code: 11063



## GREASE CONTROL VALVES



### Grease Control Valve

- Heavy duty grease control valve capable of continuous flow or preset measured shots
- 1/4" NPT (f) inlet thread
- Grease pressures of up to 7,500psi
- The USA's industry standard grease control valve

Part Number: 6320-3



### Grease Control Valve

- Standard duty grease control valve with flexible extension and heavy duty 3 jaw coupler
- Ergonomic design
- 1/4" BSP (f) inlet thread
- Grease pressures of up to 7,000psi

Part Number: 413081

## GREASE - SILICONE

**ROCOL**



### Sapphire Silicone

This is a clear silicone based, non-melting grease that is suitable for long term lubrication at extremes of temperatures. It is highly resistant to chemicals, oils and gases and suitable as an electrical insulating or filling compound (O-Ring grease).

Part Number	Description	Size
<b>RY421515</b>	Sapphire Silicone Grease (MX22)	120g
<b>RY502452</b>	Silicone Lubricant Spray (SL)	250g
<b>RY421510</b>	Sapphire Silicone Grease (MX22)	500g
<b>RY421520</b>	Sapphire Silicone Grease (MX22)	2.5kg

## GREASE GUNS - AIR OPERATED



### Air Operated Grease Gun

- Pressure ratio of 40:1
- Develops grease pressures of up to 3,920psi
- Suits 450 gram cartridge or bulk grease
- Recommended maximum air pressure of 98psi
- Continuous flow or single shot operation
- Suitable for grease up to NLGI2
- Flexible extension length: 50cm

Part Number: 680AN





### Air Operated Grease Gun

- Pressure ratio of 40:1
- Develops grease pressures of up to 6,000psi
- Continuous grease flow ensures effortless greasing
- Three way loading
- Exclusive air piston design ensures consistent priming
- Suits 450 gram cartridge or bulk grease
- Includes a 300mm long grease gun flex and four jaw coupler

Part Number: G10030



### POWERPISTOL™ Air Powered Grease Gun 450g

- One handed, single shot trigger operation; approx. 0.7g per shot
- Low air consumption: inexpensive to operate and environmentally friendly
- Max. pressure: 34,500 kPa (5,000 psi)
- Includes 230mm flexible extension, KY SUPERGRIP™ coupler
- \* Also available 400g version

Item Code: K53-01



## GREASE GUNS - CORDLESS



### 14.4V Cordless Grease Gun

- Generates grease pressures up to 10,000psi
- Capable of delivering rates of up to 140 grams per minute
- One hour fast charger, spare battery, cartridge holder, long grease gun flex, heavy duty coupler and plastic moulded carry case supplied standard
- Can be used to dispense grease from eight 450 gram cartridges before changing over or recharging of the battery is required
- Ideal for high volume applications requiring high pressure greasing

Part Number: 670AN



### 18V Cordless Grease Gun

- Develops grease pressures of up to 10,000psi
- Delivery rates of up to 80 grams per minute
- Can be used with up to four 450g cartridges before recharging or battery changeover is required
- 75 minutes battery recharge time
- 75 minutes fast charger, spare battery, cartridge holder, long grease gun flex, heavy duty coupler and plastic moulded carry case supplied standard

Part Number: G10040



### POWERGUN™ 12V Battery Operated Grease Gun

- 100g per minute flow rate
- Up to 3 cartridges per charge
- Includes extra long extension, KY SUPERGRIP™ grease coupler, carry case and spare battery

\* Also available 400g version

Item Code: BG100-01



## GREASE GUNS - LEVER



### Lever Action Grease Gun

- Develops grease pressures of up to 10,000psi
- 500cc capacity when using bulk grease
- Three way loading
- Unique follower cup design makes the gun suitable for use with both 450 gram cartridges and bulk grease – without needing to change the orientation of the follower cup
- Includes a 150mm long grease rigid extension and heavy duty four jaw coupler

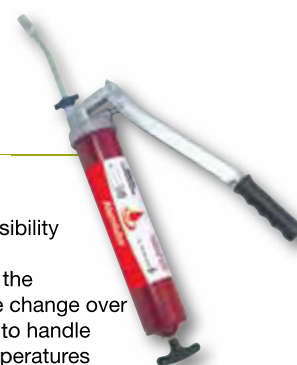
Part Number: G10020



### Lever Action Grease Gun

- Develops grease pressures up to 12,000psi
- Delivers up to 1.6cc of grease per stroke
- Unique Twin Lock System eliminates the possibility of dummy lubrication
- Coarse thread on barrel assembly eliminates the possibility of cross threading during cartridge change over
- Patented Ever-Flow System enables the gun to handle thick biodegradable greases even at low temperatures
- Large diameter piston with a long lever travel facilitates high volume greasing
- High volume, high pressure greasing guaranteed

Part Number: 600A



### LEVERGUN™ Lever Action Grease Gun

- Suits 450g grease cartridges
- Max. pressure: 69,000 kPa (10,000 psi)
- Includes 170mm rigid extension and KY SUPERGRIP™ grease coupler

\*Also available 400g version

Item Code: K45-01





# LUBRICATION EQUIPMENT & LUBRICANTS

## GREASE GUNS - TRIGGER



### Trigger Action Grease Gun

- Develops grease pressures up to 8,500psi
- Delivers up to 1.1cc of grease per stroke when on the high volume setting
- Unique Twin Lock System eliminates the possibility of dummy lubrication
- Patented Ever-Flow System enables the gun to be used with thick tacky greases even at low temperatures
- High volume/high pressure setting
- One hand operation, 4 jaw coupler and flexible 30cm long extension makes light work of arduous greasing applications

Part Number: 660AN



### Trigger Action Grease Gun

- Develops grease pressures of up to 6,000psi
- 500cc capacity when using bulk grease
- Three way loading
- Unique follower cup design makes the gun suitable for use with both 450 gram cartridges and bulk grease – without needing to change the orientation of the follower cup
- Includes a 300mm long grease gun flex and heavy duty four jaw coupler

Part Number: G10010



### FLEXIGUN® Pistol Grip Grease Gun

- Suits 450g grease cartridges
- Max. pressure: 52,000 kPa (7,500 psi)
- Includes 230mm flexible extension and KY SUPERGRIP™ grease coupler

- \* Also available 400g version
- \* Also available in carry case with spare 450g FLEXIBLUE® grease (K29-12)
- \* Also available zinc version suitable for underground mines (K29Z)

Item Code: K29-01



### KY SUPERGRIP™ Hydraulic Grease Coupler

- Superior 3 jaw design with larger jaws, greater contact area on the grease nipple; ensures maximum grip and better sealing
- Seals at an angle of up to 10°, according to internationally recognised SAE standards
- 1/8" BSP thread

\*Also available in handy 8 pack (KY-8)

Item Code: KY

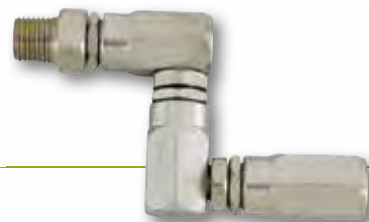
## GREASE GUN - EXTENSION



### Grease Swivel

- Heavy duty, three way swivel
- 1/4" BSP m x f threads
- Grease pressures of up to 7,000psi
- Manufactured in Spain

Part Number: 414300



### Flexible Grease Gun Extensions

- Industrial quality flexible grease gun extensions for heavy duty applications

Part Number	Description
14551	300mm long polyamide flexible extension
14552	450mm long polyamide flexible extension
14553	700mm long polyamide flexible extension



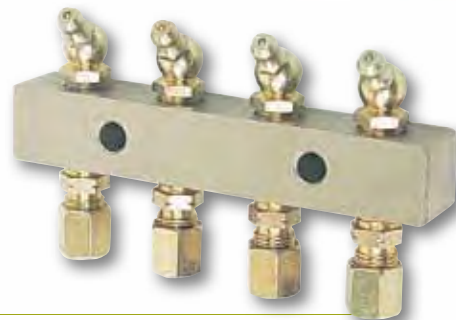
## GREASE HEADER BLOCKS



### Header Blocks

- Assist in the lubrication of hard to reach lube points and bearings
- Groups lube points together away from dangerous or contaminated areas
- Inclusive of 45° angled grease nipples and 6mm tube compression fittings
- 6mm OD grease tubing also readily available

Part Number	Description
6134	Four point header block
6135	Five point header block
6136	Six point header block



## GREASE GUN - COUPLERS



### Grease Gun Couplers

- Industrial quality couplers for hydraulic and button head grease nipples
- Easy on, easy off
- Manufactured and designed for heavy duty applications

Part Number: 14513 / 6509-D / 14507





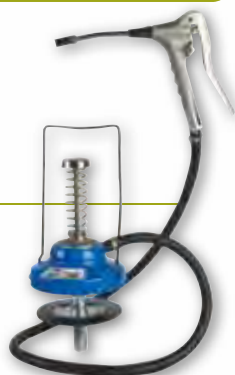
## GREASE KITS



### MINILUBE® Portable Manual Greasing System

- 30 shots each prime
- Max. pressure: 68,900 kPa (10,000 psi)
- Includes high pressure/high volume gun and 1.5m x 12mm hose
- \* Containers available to suit selected K7 version

Item Code: K7-01



### 2.5kg Grease Kit

- Grease pressures of up to 10,000psi
- Foot operated design leaves hands free to access difficult to locate lube points
- Up to 30 shots before the hand piece needs to be reloaded with grease
- High volume or high pressure option reduces greasing down time
- 360° swivel eliminates annoying hose tangling

Part Number: 6336



### 20kg Grease Kit

- Integral filter protects pump from foreign particle contamination
- 55:1 ratio air motor develops grease pressures up to 7,950psi
- Will handle high density, tacky greases up to NLGI2
- Covered by a unique two year warranty
- Quiet operation due to exhaust muffler
- Cast alloy dual cylinder air motor guarantees a long service life
- Ideal for busy workshops where greasing is undertaken all day, every day

Part Number: 424170



### 20kg Grease Kits

- Kit includes heavy duty pump with 20kg drum cover, follower plate, carry handle, 3/8" ID delivery hose assembly, z swivel, control valve and holster
- Maximum working pressure up to 4,000psi
- Dispenses up to 70-80 grams per minute

Part Number	Description
EPL-240	240V
KPL-24SP	24V



### 180kg Grease Kit

- 55:1 ratio grease pump develops up to 7,950psi
- Integral filter eliminates the chance of pump tube contamination
- Lightweight ergonomic, cast alloy, grease control valve included
- Ideal for busy workshops where greasing is undertaken all day,
- 180kg drum not included

Part Number: 428262



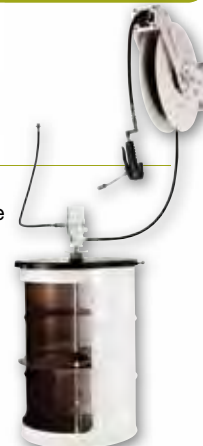
## GREASE KIT - WITH HOSE REEL



### 180kg Grease Kit with Hose Reel

- Includes a 55:1 ratio grease pump, 10m hose reel, drum cover follower plate, z swivel, air and grease hose assemblies and high pressure grease control valve
- Delivery rates of up to 350 grams per minute
- Will handle high density, tacky greases up to NLGI2
- Integral filter protects pump from foreign particle contamination
- 55:1 ratio air motor develops grease pressures up to 7,950psi

Part Number: 453000



## GREASE KIT - WITH TROLLEY



### 20kg Grease Kit with Trolley

- Ideal for busy workshops where greasing is undertaken all day, every day
- The heavy duty air motor free of external plastic components will not distort prematurely and a built in filter reduces the chance of costly repairs caused by pump tube contamination
- Integral filter protects pump from foreign particle contamination
- 55:1 ratio air motor develops grease pressures up to 7,950psi
- Will handle high density, tacky greases up to NLGI2
- OH&S friendly

Part Number: 424150



## GREASE LUBRICATION SYSTEM



### Automatic Grease Lubrication System

- Complete kit to service 20 grease points automatically
  - Includes a Beka Max 24vdc pump station with on board timer and 4kg grease reservoir, 70m of grease filled hose, reusable hose ends, compression fittings and adaptors, nuts and bolts, cable ties and protective hose wrapping
  - System suitable for use with NLGI2 greases
- # Please note, assistance will be required to design a system to suit your specific application

Part Number: Beka-Max 20





# LUBRICATION EQUIPMENT & LUBRICANTS

## GREASE LUBRICATORS



### Refillable Automatic Grease Lubricator

- Can be set to dispense 300cc of grease within a 1 month period or periods of 3, 6 or 12 months
- Powered by four AAA batteries
- Maximum operating pressure of 30 bar (440psi)
- Operating temperature range from -10°C to +50°C



Part Number	Description
SPG300-D	No bracket for direct mounting
SPG300-R	Bracket, hose and fittings for remote mounting



### Uniquip Grease Lubricator

- Used for general purpose applications
- Steel base
- Reservoir capacity of 150 grams
- Large grease capacity reduces the amount of time required to undertake plant and equipment lubrication
- Eliminates grease waste and over greasing
- Increases bearing life by supplying the correct amount of grease as required



Part Number: GP20



### Uniquip Grease Lubricators - Heavy Duty

- Large grease capacity reduces the amount of time required to undertake plant and equipment lubrication
- Eliminates grease waste and over greasing
- Increases bearing life by supplying the correct amount of grease as required



Part Number	Applications	Base	Capacity
RF15	Heavy Duty	Forged alloy	47 grams
RF30	Heavy Duty	Forged alloy	150 grams

## GREASE NIPPLES



### Grease Nipple - 90°



Part Number	Thread Type	Part Number	Thread Type
LA44	1/8" BSP 90°	LA11	1/4" BSW 90°
LA169	8m x 1 90°	LA10	1/4" BSF 90°
LA189	1/4" UNF 90°	LA60	1/4" BSP 90°



### Grease Nipples - Button Head



Part Number	Thread Type
LT46	1/8" BSP
LT52	1/4" BSP



### Grease Nipple Straight



Part Number	Thread Type	Part Number	Thread Type
L29	1/8" BSP Str.	L2	1/4" BSW Str.
L161	6m x 1 Str.	L1	1/4" BSF Str.
L185	1/4" UNF Str.	L48	1/4" BSP Str.



### Grease Nipple - 45°



Part Number	Thread Type	Part Number	Thread Type
LA34	1/8" BSP 45°	LA6	1/4" BSW 45°
LA165	6m x 1 90°	LA5	1/4" BSF 45°
LA187	1/4" UNF 45°	LA52	1/4" BSP 45°

## GREASE NIPPLE - KITS



### Grease Nipple Assortment Kit



- All grease nipples included in the kit are case hardened, fully chromated, zinc passivated, batch tested to 8,000psi and conform to international standards including BSS 1486, DIN 71412, SAE J534 and JIS B1575
- Patented Kinglok® method of construction

Part Number	Description
L4675	101 Industrial grease nipple assortment kit
L4676	100 Metric grease nipple assortment kit
L4678	163 Automotive grease nipple assortment kit



## GREASE NIPPLE THREAD TESTER



### Grease Nipple Thread Tester



- A handy tool for quickly and easily identifying the thread type of your grease nipples and other fittings
- Made from aluminium, this low cost compact and lightweight utility tool can be stored in a handy place ready for use
- Comes complete with all the common thread sizes including BSP, NPT, UNF, BSW and metric
- Extra holes in top corners for hanging in common areas for easy access

Part Number: 6000

## GREASE PUMP - AIR OPERATED



### Air Operated 50:1 Ratio Portable Grease System

- Insert any size pail desired up to and including 25kg
- Low air consumption: inexpensive to operate and environmentally friendly
- Allows flexibility to change grease brands at any time
- Includes booster gun - which boosts output pressure to 69 000 kPa (10 000 psi) - and 4m hose
- \* Stand alone P3 POWERLUBE® grease pump for 20kg drums with B2 booster gun and 4m hose - also available (P3-01)

Item Code: P3-OS2



## GREASE PUMP - MANUAL OPERATED



### Grease Transfer Pump

- For bulk refilling grease guns or the K7 MINILUBE® container
- Cost effective refilling - recover pump cost after 2.5 drums
- Models available to suit 12.5kg to 22kg grease drums
- \* Drum not included

Item Code: J2-01



### 20kg Grease Gun Pump Loader

- Facilitates fast, convenient and containment free grease gun refill - up to 50cc per stroke
- Reduces your per kilo grease price by buying your grease in 20kg drums
- Can be used in conjunction with Australian, European and US manufactured grease guns
- High quality follower plate eliminates air pocket problems

Part Number: 108000



## GREASE PUMP - MULTI LINE



### Heavy Duty Multi-line Grease Pump

- Use in industrial/mining/mineral processing applications
- 1 up to 8 adjustable grease outlets
- With 10kg metal reservoir
- 125:1 ratio: 0 to 1.686cc per outlet per minute
- Other ratios available - 300:1 ratio: 0 to 0.702cc per outlet per minute
- 600:1 ratio: 0 to 0.351cc per outlet per minute
- 1200:1 ratio: 0 to 0.175cc per outlet per minute

Part Number: 58-4508



## GREASE - TUBING



### 6mm Plyamide Grease Tubing



Part Number	Description
100120100-100	100m x 6mm grease tube - grease filled
100120101-100	100m x 6mm grease tube - empty

## LUBRICANTS



### Syntex (Synthetic)

Syntex synthetic lubricant is the next generation in lubricants. Syntex is the perfect lubricant to use in all applications.

- Silicone free
- Extreme temperature range (-40°C to +350°C)
- Extreme pressure
- Clear, odourless formula
- Won't wash off, won't dry out
- High flash point (250°C)
- High fire point (300°C)
- Approved for incidental food contact



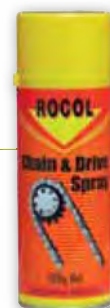
Part Number	Description	Size
3032	Syntex Synthetic Lubricant - Aerosol	350g

## LUBRICANTS - CHAIN & DRIVE



### Chain & Drive

This is a high quality chain oil containing molybdenum disulphide that swiftly penetrates into pins and bushes to ensure minimum wear of chains and sprockets. Rocol Chain and Drive Spray dries to a water resistant film that will not drip or throw off, providing corrosion protection in wet environments. The aerosol pack allows easy application even to moving chains.



Part Number	Description	Size
RY442352	Chain & Drive Lubricant Spray	300g



# LUBRICATION EQUIPMENT & LUBRICANTS

## LUBRICANTS - DRY FILM

**ROCOL**

**MOLYBOND**  
Specialised Lubricants



### Dry Film

Rocol Dry Film Teflon® Spray deposits a dry film of Teflon to metallic and non-metallic surfaces. The white non-toxic, odourless film provides a lubricating medium with very low frictional properties and is unaffected by water, steam and most other chemicals. It can be used as a dry film lubricant on a wide variety of applications in food environments or clean industries where contamination must be avoided or dark coloured lubricants are undesirable.

Part Number	Description	Size
<b>RN500912</b>	122L Dry Film Molybdenum Disulphide Spray	300g
<b>RY502142</b>	Dry Film Teflon Spray 300g	300g



### Food Grade Chain Lube

- NSF H1 Registered for incidental food contact
- Formulated specifically for use on food processing conveyors and equipment
- Unique foaming action clings to chain
- Penetrates, lubricates, and protects moving parts by reducing friction and wear
- Operates effectively in temperatures up to 162°C
- Inhibits corrosion, reduces load stress and greatly extends chain life

Applications: Chain drives, chains, conveyors, ovens, open gears, overhead cranes and trolleys, pulleys, sprockets.



Part Number	Description	Size
<b>7113</b>	Food Grade Chain Lube - Aerosol	350g

## LUBRICANTS - FOOD GRADE



### Food Grade Machine Oil

- NSF H1 Registered for incidental food contact
- Effective general-purpose lubricant for use on food processing equipment
- Penetrates and loosens rust, scale, dirt and corrosion to free parts and fasteners
- Contains no silicone and is virtually odourless and colourless
- Will not harm metal, wood, plastic or painted surfaces

Applications: Bakery equipment, bottling equipment, packaging equipment, fans, fillers, pumps, rollers, scales, mixers, meat and poultry equipment.



Part Number	Description	Size
<b>7111</b>	Food Grade Machine Oil - Aerosol	350g

**ROCOL**



### Sapphire Foodlube

This product is a synthetic hydrocarbon based grease thickened with aluminium complex soap to NLGI #2, containing both solid lubricants and chemical (EP) additives for improved load carrying, anti wear and water washout properties. This white non-toxic bearing grease is designed for the effective lubrication and protection of ball, roller and plain bearings operating in food and other clean industries.

Part Number	Description	Size
<b>RY515330</b>	Sapphire Foodlube Bearing Grease	400g
<b>RY515331</b>	Sapphire Foodlube Bearing Grease	2kg



### Food Grade Silicone

- NSF H1 Registered for incidental food contact
- Multi-purpose silicone spray for food processing and handling application
- Harmless to most rubbers and plastics
- Wide effective temperature range (-40°C to 204°C)
- Excellent release agent and lubricant for all surfaces
- Convenient 360° spray valve – can be sprayed from any position
- Meets FDA Regulation CFR 21-178.3570 for incidental food contact

Applications: Bottling machinery, chutes, conveyors, freezers, guides, knives, ovens, pulleys, rails, slicers, grinders, mixers, proofers, poultry eviscerators, hock cutters.

Part Number	Description	Size
<b>7112</b>	Food Grade Silicone - Aerosol	350g



**ROCOL**



### Food Grade Lube

This is a general purpose oil for lubricating and penetrating applications where a low odour, colourless food grade lubricant is required.

Part Number	Description	Size
<b>RY442330</b>	Food Grade White Chain & Drive Spray	250g
<b>RY443934</b>	Food Grade Penetrating Chain Lubricant	20 Litre
<b>RY443935</b>	Food Grade Penetrating Chain Lubricant	205 Litre



## LUBRICANTS - LANOLIN



### General Purpose Liquid Lanolin

A general lubricant and corrosion protection for light industrial, electrical and household applications. Non-conductive to 70kV. Protects electrical connectors, ECUs and switch gear, high and low voltage.

Part Number	Description	Size
GP\PP-0400	General Purpose Liquid Lanolin	400g Aerosol
GP\SP 0750	General Purpose Liquid Lanolin	750ml Spray
GP\0001	General Purpose Liquid Lanolin	1 Litre Bottle
GP\0005	General Purpose Liquid Lanolin	5 Litre Bottle
GP\0020	General Purpose Liquid Lanolin	20 Litre Drum



### Heavy Duty Liquid Lanolin

A lubricant and corrosion inhibitor best suited to marine, heavy industrial and commercial applications. Non-conductive to 70kV. Ideal for harsh and highly corrosive environments.

Part Number	Description	Size
HD\PP-0400	Heavy Duty Liquid Lanolin	400g Aerosol
HD\SP-0750	Heavy Duty Liquid Lanolin	750ml Spray
HD\SP-0001	Heavy Duty Liquid Lanolin	1 Litre Spray
HD\0001	Heavy Duty Liquid Lanolin	1 Litre Bottle
HD\0005	Heavy Duty Liquid Lanolin	5 Litre Bottle
HD\0020	Heavy Duty Liquid Lanolin	20 Litre Drum



### 808 Multi Purpose Silicone

- Concentrated formula provides thin, durable film that revives, lubricates and protects
- Will not mark or stain
- Ideal for use on most surfaces
- Reduces friction and galling

Applications: Lubricates locks, hinges, linkages, window guides, rails, rolling and sliding mechanisms, mould release.

Part Number	Description	Size
3055	808 Multi Purpose Silicone Lube - Aerosol	330g



## LUBRICANTS - OIL



### 3-IN-ONE Oil – 88ml

- Lubricates
- Cleans
- Prevents rust
- Great uses for around the home, in the office, work, garden, sports, car

Product Code: 10035



### Silicone 300g

- High performance lubrication and protection
- Safe on metal, rubber, wood and vinyl
- Quick drying
- No messy residue
- Made in Australia

Product Code: 11061



### High Performance Lubricant with PTFE 300g

- Long-lasting lubrication and corrosion protection
- Excellent for heavy load and high temperature applications
- Dramatically reduces friction and wear
- Withstands extreme temperatures, -45° to 230° C

Product Code: 11082



## LUBRICANTS - MULTI PURPOSE

## LUBRICANTS - OPEN GEAR



### Opal Tufgear

A heavy duty clay based flexible open gear grease containing molybdenum disulphide, offering exceptional load carrying and wear resistance. This grease is ideal for dockyard, mobile or overhead cranes and can be applied by spatula or jumbo sized cartridge. It has excellent resistance to many chemicals which makes it effective for lubricating open gears found in tanneries or similar industries.

Part Number	Description	Size
RY460610	Opal Tufgear Open Gear Grease 900g Jumbo Cart	900g
RY462402	Open Gear Lubricant Spray 300g	300g





# LUBRICATION EQUIPMENT & LUBRICANTS

## LUBRICANTS – PENETRANTS



### Applicator - 500ml

Product Code: 61000



### 60g Aerosol Can (2x6 Preassembled Clip Strips)

- Drives out moisture
- Cleans
- Protects
- Penetrates
- Lubricates

Product Code: 61006



### 150g Aerosol Can Multi-Use Product

- Drives out moisture
- Cleans
- Protects
- Penetrates
- Lubricates

Product Code: 61001



### 300g Aerosol Can Multi-Use Product

- Drives out moisture
- Cleans
- Protects
- Penetrates
- Lubricates

Product Code: 61003



### 350g Aerosol Can with Smart Straw Multi-Use Product

- Drives out moisture
- Cleans
- Protects
- Penetrates
- Lubricates

Product Code: 61009



### 425g Aerosol Can Multi-Use Product

- Drives out moisture
- Cleans
- Protects
- Penetrates
- Lubricates

Product Code: 61004



### 4L Bulk - Liquid

- Drives out moisture
- Cleans
- Protects
- Penetrates
- Lubricates

Product Code: 45040



### 20L Bulk - Liquid

- Drives out moisture
- Cleans
- Protects
- Penetrates
- Lubricates

Product Code: 45020



### 200L Bulk - Liquid

- Drives out moisture
- Cleans
- Protects
- Penetrates
- Lubricates

Product Code: 45200



### 5.56 Multi-Purpose

Penetrates and lubricates, loosens rusted parts, prevents corrosion and displaces moisture.

THE PROFESSIONAL'S CHOICE

- Extremely versatile
- Contains no silicones
- Total maintenance for automotive, industrial, household and all sporting equipment

CRC 5.56 multi-purpose product has superior penetrating power that breaks through rust and corrosion while it cleans away scale and dirt. Eliminates the need for many disassembly operations. Lubricates for smooth action, and silences annoying squeaks and squeals. Protects metals against corrosion and displaces moisture to help start wet engines.



Part Number	Description	Size
5003	5.56 - Pump Pack	500mL
5004	5.56 - Bulk Pack	4L
5005	5.56 - Aerosol	400g
5006	5.56 - Bulk with trigger	1L
5009	5.56 - Bulk	20L





### Penetr8

CRC Penetr8 is a high-speed penetrant that rapidly frees rusted and corroded fasteners, pins and bound mechanisms. It helps to dissolve rust and corrosion while quickly penetrating. Penetr8 eases disassembly of mechanical equipment, fittings and fixtures through its high speed penetration.

CRC Penetr8 is a clear formula that contains no dyes, and leaves no mess. CRC Penetr8 has a convenient 360 degree spray valve, allowing it to be sprayed from any position. The independent Capillary Penetration of Liquids test, that was carried out on Penetr8, showed that it penetrates further than any of its competitors.



Part Number	Description	Size
5501	Penetr8 Hi Speed Penetrant - Aerosol	400g

## LUBRICANTS - RTD



### Reaming, Tapping & Drilling Lubricant

A medium viscosity, high performance metal cutting lubricant for all machining operations including reaming, tapping and drilling on all metals. Rocol RTD can be used to gain improved performance on all metal cutting operations where lubricant is applied direct to the work piece or as a flood coolant.



Part Number	Description	Size
RY550171	RTD Reaming, Tapping and Drilling Lubricant 500ml	500ml
RY550181	RTD Reaming, Tapping and Drilling Lubricant 5 litre	5 Litre
RY560151	RTD Reaming, Tapping and Drilling Lubricant 20 litre	20 Litre
RY551211	RTD Reaming, Tapping and Drilling Lubricant Paste 500g	500g
RY551221	RTD Reaming, Tapping and Drilling Lubricant Paste 2.5kg	2.5kg
RY552132	RTD Reaming, Tapping and Drilling Lubricant Spray 300g	300g

## LUBRICANTS - SYNTHETIC GRINDING FLUID



### Ultragrind 430

A nitrate free, synthetic, water mix grinding fluid containing an excellent corrosion inhibition package and wetting agents. It is designed for light to medium surface and cylindrical grinding operations, and for use with all types of grinding wheels.



Part Number	Description	Size
RY571471	Ultragrind 430 Synthetic Grinding Fluid	20 Litre

## LUBRICANTS - WIRE ROPE



### Wire Rope

Rocol Wire Rope Grease is a semi-fluid grease with a combination of lubricating solids and molybdenum disulphide and is designed for the lubrication and corrosion prevention of wire ropes working under all conditions, including marine environments. It penetrates between the strands to the core of the rope providing complete rope lubrication.



Part Number	Description	Size
RY453291	Wire Rope Grease RD105	20kg
RY453321	Fluid Wire Rope Grease RD205	20 Litre
RY452412	Wire Rope Lubricant Spray	300g

## METER - ELECTRONIC INLINE



### AdBlue Meter

- Easy to install inline or at the end of a delivery hose
- Can be fitted directly to an automatic or manual nozzle
- Flow rates of up to 100LPM
- Operating pressures of up to 290psi
- Accurate to  $\pm 1.0\%$
- 1" inlet and outlet connections
- In the field calibration is possible

Part Number: 407011



### Inline Electronic Fuel Meter

- Turbine type meter with a reinforced polyamide body and polypropylene turbine
- Accurate between flow rates of 10LPM to 120LPM
- Accurate to  $\pm 1.0\%$
- Field calibration of the meter is possible
- 1" BSP (f) inlet and outlet ports
- Flow rate analysis function included as standard
- Maximum working pressure of 300psi
- Suitable for use with diesel fuel, petrol, kerosene and water

Part Number: 407010N



### GPI Inline Electronic Fuel Meter

- Suitable for petrol, diesel fuel and kerosene
- Designed for outdoor, year round use on gravity feed or fuel transfer pumps in the 10LPM to 100LPM flow range
- Ideally suited for use between pump hose and fuel nozzle
- Maximum batch total of 9,999 litres
- Maximum cumulative total of 9,999 litres
- Turbine type meter accurate to  $\pm 2.5\%$
- 1" BSP (f) inlet/outlet
- Maximum working pressure of 300psi

Part Number: 01A12LM





# LUBRICATION EQUIPMENT & LUBRICANTS



## In Line Grease Meter

- Maximum operating pressure of 7,100psi
- Accurate to +- 2%
- Battery life of up to 10,000 hours
- Can be used in conjunction with manual or air powered greasing equipment
- Ideal for applications where over or under lubrication can result in costly bearing failures and machine downtime

Part Number: 411100



## OIL - CANS



## Workshop Oilers

- Suitable for normal and inverted use
- Twin brass double ball valve pump enables drip feed
- Sturdy impact-proof and robust zinc diecast bowl



Part No.	Description	Capacity
05111	Rigid Spout	125ml
05133950	Rigid & Flex Spout	250ml
05135950	Rigid & Flex Spout	500ml
05223	Rigid & Flex Spout Brass Pump	250ml
05225	Rigid & Flex Spout Brass Pump	500ml
05226	Rigid & Flex Spout Brass Pump	750ml
03903	Workshop Oiler Rigid Spout	300ml
03905	Workshop Oiler Rigid Spout	500ml
03903867	Workshop Oiler Spray Nozzle	300ml
03903868	Workshop Oiler Applicator Brush Nozzle	300ml
03903869	Workshop Oiler Flex Spout	300ml



## METER - MECHANICAL

- Suitable for the metering of petrol, diesel fuel and kerosene
- Accurate between flow rates of 20LPM to 120LPM
- Mechanical gear meter accurate to  $\pm 1.0\%$
- Maximum working pressure of 145psi
- Field calibration possible
- 1" BSP (f) inlet and outlet ports
- Maximum batch total 999 litres
- 6-digit cumulative total display
- Suitable for gravity feed or pump applications

Part Number: 51008



## GPI Mechanical High Volume Fuel Meter

- Flow rates of up to 114LPM
- 1 1/2" BSP (f) inlet and outlet ports
- Suitable for use with diesel fuel, petrol and kerosene
- Field calibration possible to measure a variety of fluids or to adjust for differences in viscosity and flow rates
- Large easy to read display
- Built in filter helps protect against foreign particle contamination

Part Number: FM530



## GPI Mechanical Fuel Meter with Filter

- Accurate between flow rates of 15 and 75LPM
- Field calibration possible
- Heavy duty cast aluminium housing
- 1" BSP inlet and outlets
- Complete with built-in filter

Part Number: FM100



## Compressor Oils

Mineral oil based compressor fluids are premium up market lubricants recommended for rotary vane and screw air compressors. Inhibited to protect against rust, oxidation, foam development and are zinc free.



Part Number	Description	Size
HI6-2758-0020	Compressor Oil 32	20L
HI6-2758-0200	Compressor Oil 32	200L
HI6-2761-0020	Compressor Oil 46	20L
HI6-2761-0200	Compressor Oil 46	200L
HI6-2763-0005	Compressor Oil 68	5L
HI6-2763-0020	Compressor Oil 68	20L
HI6-2763-0200	Compressor Oil 68	200L
HI6-2765-0020	Compressor Oil 100	20L
HI6-2765-0200	Compressor Oil 100	200L
HI6-2767-0020	Compressor Oil 150	20L
HI6-2767-0200	Compressor Oil 150	200L



## Mechanical Fuel Meter

- Oval gear mechanism for optimum accuracy
- Suitable for diesel, kerosene and petrol
- Flow rate: 3 - 80L/min
- Accuracy  $\pm 1\%$
- Inlet/outlet thread: 1" BSPP (RP)

\* Also available with filter (DM150-01) and biodiesel version (DM100-01-BD)

Item Code: DM100-01





## OIL - CONTROL GUNS



### Oil Control Guns

Macnaught's high quality range of oil control guns are suitable for gear oils, automatic transmission fluid, antifreeze/antiboil, diesel oil and engine oil, with flow rates up to 30 L/min (higher for the HG100) and max. operating pressure of 10,350 kPa (1,500 psi, 103.5 bar).

All Macnaught metered guns use the high-accuracy oval gear measurement system.

- HG40** - Mechanical Oil Control Gun featuring mechanical display and single reset button
- HG45** - Mechanical Pre-set Auto Shut-off Oil Control Gun with easy-to-use thumbwheels for accurate volume setting, and reset button
- HG55** - Electronic Oil Control Gun with sleep mode, EEPROM memory retention, accumulative totaliser and resettable batch totaliser
- HG60** - Electronic Pre-set Auto Shut-off Oil Control Gun with sleep mode, EEPROM memory retention, accumulative totaliser and resettable batch totaliser, 5 variable preset totals available for use
- HG100/Z/60/75** - High Flow Oil Control Gun with flexible 350mm (14") x 19mm (3/4") hose, capable of up to 57 L/min. Also available HG100-Z Zinc version; HG100-75 version featuring Electronic Flow Meter (IM75) and HG100-60 version featuring Mechanical Flow Meter (IM60)

## OIL - CONTROL VALVE



### Oil Control Valve

- Heavy duty oil control valve supplied inclusive of an inlet swivel is ergonomically designed to minimise operator fatigue
- A flexible outlet hose makes for quicker and easier lubricant delivery
- 1/2" BSP (f) swivel supplied standard
- Genuinely heavy duty cast alloy body
- Non drip automatic open, manual close nozzle minimises oil drips

**Part Number: 363078**



### Hydraulic Oils

High Quality mineral oil based hydraulic fluids meeting the needs of modern hydraulic equipment, operating in medium to severe service conditions, where machine performance is not unduly affected by fluid temperature variations.



## OIL - HYDRAULIC



### HVI Hydraulic Oils

Hydraulic fluids with improved performance due to the use of a highly shear stable viscosity index improver giving the fluids multigrade characteristics. This enables the fluid to operate over a wider temperature range with minimum variation in viscosity.



Part Number	Description	Size
<b>HI5-2740-0020</b>	Hydraulic HVI 32 (Blue High viscosity Index)	20L
<b>HI5-2740-0200</b>	Hydraulic HVI 32	200L
<b>HI5-2742-0020</b>	Hydraulic HVI 46 (Blue High viscosity Index)	20L
<b>HI5-2742-0200</b>	Hydraulic HVI 46	200L
<b>HI5-2744-0020</b>	Hydraulic HVI 68 (Blue High viscosity Index)	20L
<b>HI5-2744-0200</b>	Hydraulic HVI 68	200L
<b>HI5-2746-0020</b>	Hydraulic HVI 100 (Blue High viscosity Index)	20L
<b>HI5-2746-0200</b>	Hydraulic HVI 100	200L

Part Number	Description	Size
<b>HI5-2595-0020</b>	Hydraulic 10 - Antiwear Hydraulic Oil	20L
<b>HI5-2595-0200</b>	Hydraulic 10	200L
<b>HI5-2796-0020</b>	Hydraulic 15 - Antiwear Hydraulic Oil	20L
<b>HI5-2796-0200</b>	Hydraulic 15	200L
<b>HI5-2710-0020</b>	Hydraulic 22 - Antiwear Hydraulic Oil	20L
<b>HI5-2710-0200</b>	Hydraulic 22	200L
<b>HI5-2712-0005</b>	Hydraulic 32 - Antiwear Hydraulic Oil	5L
<b>HI5-2712-0020</b>	Hydraulic 32	20L
<b>HI5-2712-0200</b>	Hydraulic 32	200L
<b>HI5-2714-0005</b>	Hydraulic 46 - Antiwear Hydraulic Oil	5L
<b>HI5-2714-0020</b>	Hydraulic 46	20L
<b>HI5-2714-0200</b>	Hydraulic 46	200L
<b>HI5-2716-0005</b>	Hydraulic 68 - Antiwear Hydraulic Oil	5L
<b>HI5-2716-0010</b>	Hydraulic 68	10L
<b>HI5-2716-0020</b>	Hydraulic 68	20L
<b>HI5-2716-0200</b>	Hydraulic 68	200L
<b>HI5-2718-0020</b>	Hydraulic Oil 100 - Antiwear Hydraulic Oil	20L
<b>HI5-2718-0200</b>	Hydraulic Oil 100	200L
<b>HI5-2720-0020</b>	Hydraulic Oil 150 - Antiwear Hydraulic Oil	20L
<b>HI5-2720-0200</b>	Hydraulic Oil 150	200L



# LUBRICATION EQUIPMENT & LUBRICANTS



## Zinc Free Hydraulic Oil

Zinc free, ashless, anti-wear fluids blended from high quality mineral oils possessing a high viscosity index and low pour point. They provide long trouble free service life and will be chemically stable under severe operating conditions. They give excellent protection against corrosion, resisting emulsification and formation of unwanted stable foam.



Part Number	Description	Size
HI5-2757-0020	Zinc Free Hydraulic Oil 22	20L
HI5-2757-0200	Zinc Free Hydraulic Oil 22	200L
HI5-2758-0020	Zinc Free Hydraulic Oil 32	20L
HI5-2758-0200	Zinc Free Hydraulic Oil 32	200L
HI5-2761-0020	Zinc Free Hydraulic Oil 46	20L
HI5-2761-0200	Zinc Free Hydraulic Oil 46	200L
HI5-2763-0020	Zinc Free Hydraulic Oil 68	20L
HI5-2763-0200	Zinc Free Hydraulic Oil 68	200L
HI5-2765-0020	Zinc Free Hydraulic Oil 100	20L
HI5-2765-0200	Zinc Free Hydraulic Oil 100	200L

## OIL - MACHINE



## Machine Oils

Premium industrial extreme pressure gear and bearing oils, especially useful where high loads and/or high temperatures are encountered.



Part Number	Description	Size
HI6-2608-0020	Machine Oil 68	20L
HI6-2608-0200	Machine Oil 68	200L
HI6-2610-0020	Machine Oil 100	20L
HI6-2610-0200	Machine Oil 100	200L
HI6-2612-0020	Machine Oil 150	20L
HI6-2612-0200	Machine Oil 150	200L
HI6-2614-0020	Machine Oil 220	20L
HI6-2614-0200	Machine Oil 220	200L
HI6-2616-0020	Machine Oil 320	20L
HI6-2616-0200	Machine Oil 320	200L
HI6-2618-0020	Machine Oil 460	20L
HI6-2618-0200	Machine Oil 460	200L
HI6-2620-0020	Machine Oil 680	20L
HI6-2620-0200	Machine Oil 680	200L



## Synmach Oils

Superior full synthetic, industrial extreme pressure gear and bearing oils, with enhanced anti-oxidation, anti-corrosion, anti-rust and anti-foam tendencies.



Part Number	Description	Size
HI6-2613-0020	Synmach Oil 220	20L
HI6-2613-0200	Synmach Oil 220	200L
HI6-2615-0020	Synmach Oil 320	20L
HI6-2615-0200	Synmach Oil 320	200L
HI6-2617-0020	Synmach Oil 460	20L
HI6-2617-0200	Synmach Oil 460	200L

## OIL - SLIDWAY



## Slideway Oils

Mineral oil based lubricants recommended for slideways of machine tools, planers, lathes or guides where a tacky lubricant is required.



Part Number	Description	Size
HI6-2607-0020	Slideway Oil 68	20L
HI6-2607-0200	Slideway Oil 68	200L
HI6-2606A-0020	Slideway Oil 100	20L
HI6-2606A-0200	Slideway Oil 100	200L
HI6-2605-0020	Slideway Oil 220	20L
HI6-2605-0200	Slideway Oil 220	200L

## OIL - MEASURES



## Oil Measures

- Polyethylene screw cap oil measure will not dent, scratch or corrode
- Flexible delivery spout makes the topping up of engines, gear boxes, diffs, transmissions and crank cases a quick and easy proposition



Part Number	Description
5000MFN	5 litre oil measure with flexible spout
2000MFN	2 litre oil measure with flexible spout
1000MFN	1 litre oil measure with flexible spout



## OIL - METER - ELECTRONIC



### Electronic Oil Meter

- Maximum flow rate of 20LPM
- 1/2" BSP (f) swivel
- Runs with standard AAA batteries
- Maximum operating pressure of 1,000psi
- Accurate to  $\pm 0.5\%$
- Swivelling outlet hose assists during the oil delivery process

Part Number: 365603



## OIL - METER - ELECTRONIC PRESET



### Electronic Preset Oil Meter

- Maximum flow of 20LPM
- Minimum flow of 1 LPM
- 1/2" BSP (f) swivel supplied standard
- Weight: 1.5Kg
- Maximum operating capacity: 1,015psi
- Accurate to  $\pm 0.3\%$
- Up to five preselected batch quantities are programmable into the meter's memory

Part Number: K500N



## OIL - SUCTION GUN



### Oil Suction Guns

- Ideal for the draining and filling of diffs, gear boxes and engine blocks
- A double 'V' packing ensures that oil does not leak through the rear of the gun

Part Number	Description
21040	775cc capacity oil suction gun
21041	530cc capacity oil suction gun



## OIL - SYSTEMS



### Portable Trolley Based Oil System

- 23L/min output (at the pump)
- 205L capacity
- Complete with all fittings and hose
- Includes 3:1 ratio oil pump (R300S), RETRACTA® low pressure oil reel (OLP2121) \* (Oil control gun sold separately)

Item Code: OS100-00



## IBC Pod Oil Dispensing System

- Oil dispensing system designed to attach to the frame of a bulk container (pod)
- Complete with mounting plate, RETRACTA® oil reel, R-SERIES™ 3:1 ratio oil stub pump, suction hose and feeder hose
- Also includes oil lubricator, air pressure regulator, air pressure gauge and quick-connect air fittings

\* (Oil control gun sold separately)

Item Code: OS600-00

## OIL - THREADING



### Nu-Clear Threading Oil

Clear mineral oil with low odour and anti-mist formulation.



Part No.	Description
11461	5 Litre Nu-Clear Oil
11481	20 Litre Nu-Clear Oil

## OIL - WASTE DRAINER



### 65 Litre Self-Evacuating Portable Oil Drainer

- Capacity: 65 litre (17 gallon)
- Working pressure: 70 - 120 psi
- Ball bearing castor wheels
- Overall dimensions: raised-600(L) x 390(W) x 1650(H)mm
- Telescopic height adjustment
- Nett weight: 23.4kg

Part Number: 1046





# LUBRICATION EQUIPMENT & LUBRICANTS



## Mobile Waste Oil Drainer

- Premium quality and European engineering
- Drain bowl capacity of 20 litres
- Holding tank capacity of 100 litres
- Unique specially moulded tray can be used to hold bolts, filters and washers
- Unique and adjustable off centre catchment bowl assists in vehicle waste fluid collection
- Maximum working height of 2000mm, minimum working height of 1500mm
- Collected vehicle waste fluids can be pressurised or pumped out of the 100 litre capacity holding tank

Part Number: 372400



## Mobile Waste Oil Drainer

- Transfers and captures waste oil from crankcases, transmissions and differentials
- Drain bowl capacity of 20 litres
- Holding tank capacity of 80 litres
- Height adjustable waste oil reservoir
- Holding tank emptied with the aid of air pressure
- Equipped with a pneumatic safety relief valve calibrated at 14psi
- Includes a tool filter and spare parts tray

Part Number: 30080



## OIL - WASTE DRAINER/EXTRACTOR



## Mobile Waste Oil Drainer and Extractor

- Drains and/or extracts waste oil from cars and light commercial vehicles
- Drain bowl capacity of 20 litres
- Holding tank capacity of 100 litres
- Clear viewing inspection bowl capacity of 8 litres
- Maximum working height of 2000mm
- Minimum working height of 1600mm
- Suction hose includes a rubber grip and a non drip cap

Part Number: 372000



## Mobile Waste Oil Drainer and Extractor

- Extracts and captures waste oil from crankcases, transmissions and differentials
- Collection bowl capacity of 20 litres
- Holding tank capacity of 80 litres
- Clear viewing inspection bowl capacity of 12 litres
- Suction speed of 6.5 litres per minute
- Suction hose specification of 1/2" x 2000mm
- Draining hose length of 1" x 2000mm
- Draining pressure of 14psi
- 1/4" air inlet connection

Part Number: 30101



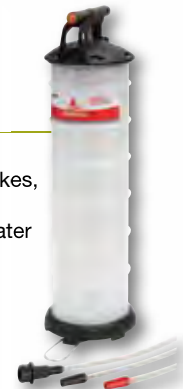
## OIL - MANUAL WASTE EXTRACTOR



## Manual Waste Oil Extractor

- Portable and lightweight with a 6.5 litres reservoir capacity
- Ideal for extracting waste oil from motor vehicles, motor bikes, marine engines, lawn mowers and stationary engines
- Automatic shut off will stop operating when waste oil or water is extracted
- Can also be used for salt water (bilge) and water
- Complete with probe kit to suit various dipsticks
- A convenient and economical waste oil extraction solution

Part Number: 41006



## PUMP - AIR OPERATED



## OILMASTER® 1:1 Ratio Drum Pump with Oil Control Gun

- Low air consumption: inexpensive to operate and environmentally friendly
- Delivers up to 27L/min (at the pump) with a quiet, non-corroding air motor
- Suitable for up to SAE 140 oils and coolants
- Also supplied: 3m hose, suction tube, oil control gun and fittings.

\* 1:1 Pump also available separately (T112-01)

Item Code: T112THGR-01



## R-SERIES™ 3:1 Ratio Air Drum Pump with Metered Oil Control Gun and RETRACTA® Oil Reel

- Designed to transfer oils up to 30m through a single dispensing point in small to medium sized workshops
- Suitable for up to SAE 140 oils and coolants
- Also supplied: 3m feeder hose, suction tube, RETRACTA® Medium Pressure Oil reel (OMP2101) and oil gun.

\* 3:1 Ratio Pump also available separately (R300T-01)

Item Code: R300TRG-01



## PUMP - DIAPHRAGM AIR OPERATED



## 1/2" Air Operated Diaphragm Pump

- Maximum flow rate of 45 LPM
- Maximum delivery per cycle of 70cc
- Polypropylene body and hytrel diaphragms
- Weight of just 3.5kgs
- 1/2" NPT (f) fluid inlet, 1/4" NPT (f) air inlet, 1/2" NPT (f) fluid outlet
- Dimensions of 297mm (W) x 220mm (H) x 180mm (D)
- Mounting hole layout of 115mm x 122mm
- Suitable for the transfer of waste oils, waste water, fuel, oil, pesticides and herbicides

Part Number: NDP-15FPH







### 3/4" Air Operated Diaphragm Pump

- Maximum flow rates of 100LPM
- 3/4" BSP (f) inlet and outlet ports
- Aluminium body and hytrel diaphragms
- Suitable for the transfer of diesel fuel, gear oil, engine oil, waste oil, antifreeze and waste water
- Maximum delivery per cycle of 350cc
- Light weight at 9kgs
- Mounting hole layout of 140mm x 195mm
- Dimensions of 249mm (W) x 319mm (H) x 180mm (D)

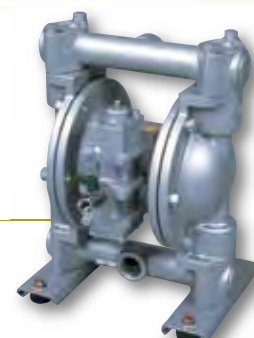
**Part Number: NDP-20BAH**



### Stainless Steel Air Operated Diaphragm Pump

- Maximum flow rates of 160LPM
- 1" BSP (f) inlet and outlet ports
- Stainless steel body and teflon diaphragms
- Maximum delivery per cycle of 600cc
- Weight of just 13kg
- Mounting hole layout of 170mm x 222mm
- Suitable for the transfer of MEK (methylethyl ketone), phosphoric acid, methanol, paint thinners and water

**Part Number: NDP-25BST**



### 1" Air Operated Diaphragm Pump

- Maximum flow rates of 160LPM
- 1" BSP (f) inlet and outlet ports
- Aluminium body and hytrel diaphragms
- Suitable for the transfer of diesel fuel, gear oil, engine oil, waste oil, brake fluid, antifreeze and waste water
- Maximum delivery per cycle of 600cc
- Weight of just 13kg
- Mounting hole layout of 170mm x 222mm
- Dimensions of 287mm (W) x 382mm (H) x 210mm (D)
- Poly and stainless steel models also available

**Part Number: NDP-25BAH**



### Diesel Fuel Drum Pump

- Self priming drum pump with built in bypass
- Rotary vane type pump inclusive of fuel nozzle, holster, 4.0 metre antistatic delivery hose and 2.0 metre battery cable
- Duty cycle of 30 minutes on, 30 minutes off
- 3/4" BSP (f) inlet and outlet threads



Part Number	Voltage	Curr. Draw	Flow Rates	Nozzle
52002A	12V	18 amps	46LPM	Auto
52002	12V	18 amps	50LPM	Manual



### 1 1/2" Air Operated Diaphragm Pump

- Aluminium body and hytrel seals
- 1 1/2" BSP (f) fluid inlet and outlet ports
- Maximum flow rates of 350LPM
- Maximum delivery per cycle of 2800cc
- Mounting hole layout of 200mm x 268mm
- Dimensions of 411mm (W) x 707mm (H) x 250mm (D)
- Suitable for the transfer of diesel fuel, gear oil, engine oil, waste oil, brake fluid, antifreeze and waste water
- 2" and 3" models also available

**Part Number: NDP-40BAH**



### GPI Diesel Fuel Drum Pump

- Gear type pump with a heavy duty cast aluminium body
- Duty cycle of 30 minutes on, 30 minutes off
- Includes 4.6 metres of battery cable, 3.0 metres of antistatic delivery hose and heavy duty nozzle
- 1" NPT (f) inlet thread, 3/4" NDT (f) outlet thread



Part Number	Voltage	Curr. Draw	Flow Rates	Nozzle
M150SA	12V	19 amps	49LPM	Auto
M150S	12V	18 amps	56LPM	Manual

## PUMP - DIAPHRAGM - STAINLESS STEEL



### Stainless Steel Air Operated Diaphragm Pump

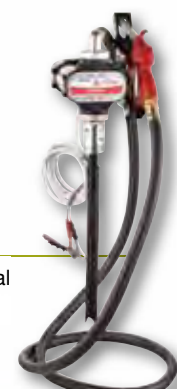
- Maximum flow rates of up to 100LPM
- 3/4" BSP (f) inlet and outlet ports
- Stainless steel body and teflon diaphragms
- Suitable for use with solids up to 2mm OD
- Suitable for the transfer of MEK (methylethyl ketone), phosphoric acid, methanol, paint thinners and water

**Part Number: NDP-20BST**



### High Volume Diesel Fuel Drum Pump

- Self priming vane pump with sintered steel rotor and acetal resin vanes
- Pump bypass incorporated into the pump body
- Duty cycle of 30 minutes on, 30 minutes off
- 1" BSP (f) inlet and outlet threads



Part Number	Voltage	Curr. Draw	Flow Rates	Nozzle
52004A	12V	16 amps	68LPM	Auto
52004	12V	16 amps	75LPM	Manual



# LUBRICATION EQUIPMENT & LUBRICANTS



## GPI High Volume Diesel Fuel Drum Pump

- High performance USA made pump
- Includes 6.5 metres of antistatic delivery hose
- Vane type pump with heavy duty cast iron pump head assembly
- Duty cycle of 30 minutes on, 30 minutes off
- 8m battery cable, quality battery clamps and lockable nozzle

Part Number	Voltage	Curr. Draw	Flow Rates	Nozzle
M3025-AL	12V	35 amps	85LPM	Auto
M3025-ML	12V	35 amps	95LPM	Manual



## PUMP - DIESEL FUEL TRANSFER KIT



## Self Bundled and Portable Diesel Fuel Transfer Kit

- Includes a self-priming pump (delivers up to 45LPM), battery cables and switch, suction hose and delivery hose with nozzle
- Protects fuel transfer parts from dust and dirt contamination
- Collects and contains excess fuel spillage and/or drips



Part Number	Voltage
231010	12V
232010	24V

## PUMP - DIESEL FUEL TRANSFER



## Diesel Fuel Transfer Pump

- Vane type pump with sintered steel rotor and acetylic resin vanes is capable of flow rates of up to 72LPM
- 240 volt continuous running operation
- Built in 100 micron filter is easily accessible when cleaning is required
- 1" BSP inlet and outlet
- Cast iron, paint finished pump housing is weather resistant
- Ideal for diesel fuel transfer out of bulk tanks where 240 power is available

Part Number: 732000



## PUMP - DIESEL REFUELLING



## Diesel Refuelling Tank Pump

- Inlet and outlet of 1" OD hose tails
- Cast iron pump body inclusive of an anti-corrosion treatment
- Vane type pump with sintered steel rotor and acetalic resin vanes
- Continuous duty electric motor protected against amperage and temperature



Part Number	Voltage	Curr. Draw	Flow Rates
337000	12V	10amps	40LPM
338010	24V	20amps	60LPM

## PUMP - DIESEL DRUM - ELECTRIC



## 12V Electric Diesel Pump – Auto Shut-off Nozzle

- Suits 60/205L drums or tanks
- Pumps up to 50L/min (free flow)
- Includes pump, suction tube, bung adaptor, power cable and clips, and nozzle

\* 5 year warranty

\* Also available with manual nozzle, and in 24V

\* Drum not included

Item Code: GE12A-01



## 12V High Flow Electric Diesel Pump – Auto Shut-off

- Suits 60/205L drums or tanks
- Pumps up to 75L/min (free flow)
- Includes pump, hoses, bung adaptor, power cable and clips and nozzle

\* 5 year warranty

\* Also available in 24V/Manual nozzle

\* Drum not included

Item Code: GEHF12A-01



## Lever Action Poly Drum Pump

- Suitable for the transfer of pesticides, herbicides, mild acids and detergents
- Delivers 330ml on the down stroke
- Polyethylene body, piston and valves with nitrile seals
- Robust – tested to over 2 million strokes
- Telescopic pick up tube makes the pump suitable for 60 or 205 litre drums

Part Number: 950



## Lever Action Drum Pump

- Goose neck nozzle design
- Suitable for filling and measuring oil bottles
- Telescopic down tube enables the pump to suit 60L/205L drums
- Delivers approximately 0.040 litres per stroke

Part Number: 2002G





## PUMPS - DRUM - LEVER ACTION



### 20 Litre Drum Pumps

- Now capable of delivering up to 110ml per stroke
- Drainback nozzle holster to ensure that excess oil ends up back in the drum and not on your workshop floor
- Delivers lubricant and transmission fluid on the down stroke

Part Number	Description
8828N	For use in transferring gear oil
8826N	For use in transferring ATF



### LITRESTROKE™ Manual Fuel Pump

- Fits 60/205L drums
- Pumps up to 40L/min
- Suitable for diesel, petrol and up to SAE 30 oils

Item Code: HP-01



### Multi Purpose Pump with 1.8m Hose

- Suitable for diesel, up to SAE 90 oil and other non-corrosive fluids
- Approx. 250mL per stroke
- Comes with telescopic suction tube (suits 60L to 205L drums), hose and nozzle

Item Code: A2-51



### Stainless Steel Drum Pump

- Delivers 500ml on the up stroke
- 316 stainless steel body, outlet spout and pick up tube and piston with adjustable PTFE seals
- Also features an adjustable outlet spout
- Suitable for the transfer of ammonia, ethyl acetate, methyl acetate and nitric acid up to a 50% concentration

Part Number: 733



## PUMP - DRUM - ROTARY ACTION



### AdBlue Hand Pump

- Rotary action pump suitable for the transfer of urea/AdBlue at flow rates of up to 15LPM
- Supplied with 3 metres of delivery hose and drum adaptors
- Weight of 2.3kg

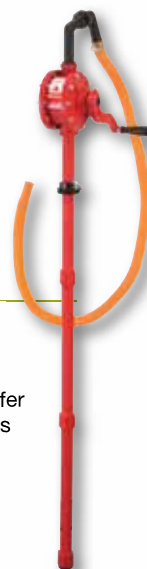
Part Number: 332080



### Polypropylene Rotary Drum Pump

- Flow rates of up to 20LPM
- Polypropylene, teflon and stainless steel construction offer excellent chemical resistance
- Unique, rotating 2 piece discharge spout assists fluid transfer
- Suitable for the transfer of herbicides, pesticides, chemicals and mild detergents
- Suitable for 60 or 205 litre drums

Part Number: 301A



### Ryton Rotary Drum Pump

- Flow rates of up to 20 LPM
- Ryton and stainless steel construction provides excellent chemical compatibility
- Rotary action facilitates quick and effortless fluid transfer
- Unique, rotating 2 piece discharge spout assists fluid transfer
- Suitable for 60 or 205 litre drums
- Suitable for the transfer of low viscosity chemicals, lacquers and mild acids

Part Number: 401A



### RAPIDFLO™ High Flow Rotary Action Fuel Pump

- Fits 60/205L drums
- Pumps over 100L/min
- Suitable for diesel, petrol, AV gas and up to SAE 30 oils

\*Also available: Biodiesel version GP-01-BD

Item Code: GP-01





# LUBRICATION EQUIPMENT & LUBRICANTS



## Rotary Vane Pump for 60/205L drums

- Fitted with 1.8m hose and nozzle
- Pumps up to 20L/min
- Suitable for diesel and oils up to SAE 90 viscosity

Item Code: RVP-01



## Bi-Lobe Refuelling Drum Pump with Filter

- Ideal for the fast and efficient transfer of diesel fuel, petrol or kerosene
- Flow rates up to 100LPM
- Includes 2.4 metres of fuel resistant hose, 10 micron fuel filter and metal nozzle
- Bi-lobe type pump requires minimal maintenance

Part Number: 5080A



## Rotary Drum Pump

- Zinc alloy impellers make the pump suitable for the transfer of diesel fuel, petrol, kerosene, unleaded petrol and low viscosity oils
- Delivery rates of 18LPM or 0.26 litres per rotation
- Cast alloy body construction ensures a long working life and smooth operation
- Can syphon and transfer fuels and lubes in reverse, if and when required
- Includes 2.2 metres of farm tank hose, bung adaptor, rubber gasket for keeping contaminants out of your fuel and lubes, a four chamber rotor assembly, spout and spout holster

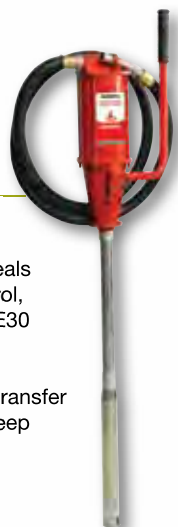
Part Number: 501A



## Refuelling Drum Pump

- Rowing action drum pump capable of delivery rates of 1 litre per stroke or up to 40LPM
- Adjustable spout, ABS piston and polypropylene piston seals make the pump suitable for the transfer of diesel fuel, petrol, kerosene, unleaded petrol and low viscosity oils up to SAE30
- Lockable handle eliminates the possibility of unauthorized fuel transfer
- Two piece pick up tube makes the pump suitable for fuel transfer out of 60L and 205L drums or fuel tanks up to 1000mm deep

Part Number: 5005AN



## Bi-Lobe Refuelling Drum Pump

- Flow rates of up to 100LPM
- Ideal for the fast and efficient transfer of diesel, fuel, petrol and kerosene
- Includes 2.4 metres of UV and fuel resistant hose, metal nozzle and nozzle holster to keep hose and nozzle off the ground when not in use
- 10 micron filter prevents contaminants from entering vehicle and machinery engines
- Bi-lobe design ensures low maintenance costs and easy servicing

Part Number: 5060A



## PUMPS - DRUM - 12V REFUELLING KIT



### 12V Refuelling Kit

- Capable of flow rates of up to 50LPM
- Includes 4 metres of antistatic fuel delivery hose, 2 metres of battery cable, a stainless steel and brass fuel filter and a manual nozzle
- Maximum head capacity of 15 metres
- Self priming rotary vane pump includes a built-in bypass
- Duty cycle of 30 minutes on, 30 minutes off
- Suction capacity of up to 2 metres
- Ideal for intermittent diesel refuelling applications
- 24V kits also available

Part Number: 52000

## PUMPS - SYPHON



### Syphon Pumps

- Easy to prime and start within 6-7 strokes
- All pumps are equipped with a vent cap, opening the cap stops the discharge

Part No	Bung Type	Fits	Length	Discharge
305390	1-1 1/2" for pails	5 L / 20 L pails	533mm	6.5 LPM (2GPM)
305391	Std 2" for drums	50 L / 205 L drums	1125mm	17.5 LPM (5GPM)
305392	Std 2" for drums	50 L / 205 L drums	1155mm	21 LPM (7GPM)



## PUMP - DRUM - SPRING OPERATED



### Spring Operated Drum Pumps

- Spring operated pump and lever action oil control valve facilitates semi automatic oil transfer
- Includes UV stabilised hose, lever action oil control valve and drain back nozzle holster
- Robust zinc pump head assembly and ground shafts with O'Ring seals

Part No.	Description	Per Stroke	Drum Size
9928	Lubricant drum pump with hose	330ml	20L
9978	Lubricant drum pump with hose	500ml	60L



## PUMP - OIL TRANSFER - HAND



### Oil Pump

- Fits 20/25 L drums
- Approx. 100mL per stroke
- Suitable for up to SAE 140 oils

\* optional CF strainer available for ATF and hydraulic oils (C7-51)  
 \* optional zinc model available for underground mines (C7-01-11)

Item Code: C7-01



### Oil Transfer Drum Pumps

- Suitable for the transfer of light to medium viscosity lubricants
- Delivers approximately 0.45 litres per stroke
- Fully serviceable
- Telescopic downtube makes the pump suitable for 60 and 205 litre drums

Part Number	Description
304500	No delivery hose assembly and nozzle included
304600	Delivery hose assembly and nozzle included



## PUMP - OIL TRANSFER - AIR



### 5:1 Ratio Oil Transfer Drum Pump

- Can service up to 8 hose reels
- Maximum free flow of up to 35LPM
- 3/4" BSP (f) fluid outlet and 3/8" BSP (f) air inlet
- Lower air consumption reduces running costs

Part Number	Description
347120	Suitable for bulk tank applications
348120	Suitable for 205 litre drums



### 3:1 Ratio Oil Transfer Drum Pump

- Flow rates of up to 30 litres per minute
- Air inlet pressures between 40 and 145psi
- 1/2" BSP (f) fluid outlet and 1/4" BSP (f) air inlet
- Fewer moving parts reduces maintenance costs

Part Number	Description
353120	Suitable for bulk tank applications
354120	Suitable for 205 litre drums



## PUMP - OIL TRANSFER KIT - AIR



### Oil Transfer Kit with On/Off Gun

- 1:1 ratio pump capable of delivery rates of up to 40LPM
- Ideal for the transfer of low viscosity products such as oil, waste oil, antifreeze and coolant
- Includes 3 metres of R1 hose, heavy duty oil control valve complete with genuine non drip nozzle and bung adaptor
- 3/4" BSP (f) material outlet
- 1/4" BSP (f) air inlet
- Air flow adjustment valve facilitates oil delivery rate control
- Suitable for use in 205 and 60 litre drums

Part Number: 454003N



### Oil Transfer Kit with Meter

- Includes a high quality 3:1 ratio pump, 3m x 1/2" ID hydraulic hose and an electronic resettable meter with totaliser
- Transfer rates of up to 15LPM
- 3/4" BSP (f) material outlet
- 1/4" BSP (f) air inlet
- Suitable for engine, gear, diff and hydraulic oils
- Suits 60 or 205 litre drums
- Oil transfer and metering made easy

Part Number: 454110N





# LUBRICATION EQUIPMENT & LUBRICANTS

## PUMP - OIL TRANSFER KIT - BATTERY



### 12V Mobile Oil Transfer Kit

- Maximum flow rates of up to 20LPM
- Flow rates of up to 6LPM
- A built-in pressure switch allows the pump to start and stop automatically
- A heavy duty trolley mobilises 205 litre drums and is complete with nozzle support and drip collector
- The unit includes a self-priming gear pump with a 12VDC electric motor, an integrated battery charger, a heavy duty trolley 3 metres of delivery hose and an electronic oil meter

**Part Number: 263210**



## PUMPS - OIL TRANSFER KIT - DRUM



### AdBlue 205 Litre Drum Kit

- Flow rates of up to 35LPM
- Stainless steel base easily attaches to and detaches from 205L drums
- 3/4" hose tail connections
- Kit includes heavy duty self priming 240V membrane pump, manual nozzle, 4 meter delivery hose, 1.5 meter suction hose, IBC adaptor kit and nozzle holster
- Weight of 15kg

**Part Number: 201351**



## PUMP - OIL TRANSFER KIT - MOBILE



### Mobile Oil Transfer Kit

- Supplied with 3:1 air operated oil pump, 8 metre hose reel, electronic meter and heavy duty drum trolley
- Facilitates quick, efficient and effortless oil transfer in car, light commercial vehicle and truck workshops
- Adjustable flow rates up to 10LPM
- 3:1 ratio oil pump suits 205 litre drums
- Electronic oil meter maximum pressure of 1,000psi

**Part Number: 378110**



## PUMP - OIL TRANSFER - TANK



### 240V Oil Transfer Pump

- Suitable for the transfer of engine, gear, diff and hydraulic oils
- Flow rates up to 25LPM
- Vane type pump with sintered steel rotor and resin vanes
- 3/4" BSP inlet and outlet
- Continuously rated with pressures up to 85psi

**Part Number: 334900**



## PUMP - OIL TRANSFER KIT - STATIONARY



### Stationary Pump, Reel and Meter Kit

- Includes a 3:1 ratio drum pump, 10 metre hose reel, electronic meter and a 2 metre pump to hose reel connection hose
- Adjustable flow rates of up to 10LPM
- 3:1 ratio pump suits 205 litre drums
- Electronic resettable oil meter is powered by easy to replace AAA batteries
- Dual pedestal hose reel withstands angular hose pull
- Everything you need to quickly and easily upgrade your oil dispensing and metering system

**Part Number: 454600**



### Oil Transfer Tank Pumps

- DC self priming gear type oil transfer pump complete with integrated by-pass valve
- Flow rates of up to 10LPM
- Operating pressures up to 70psi
- 3/4" BSP (f) inlet and outlet

Part Number	Description
309010	12V
310010	24V





## STORAGE & TRANSFER - FUEL



### Diesel Fuel Storage and Dispensing Kit

- Storage and dispensing kit consists of a Piusi diesel fuel drum pump (up to 45LPM), 4m fuel delivery hose, 2m battery cables, nozzle and nozzle holster

Part Number	Storage Capacity	Nozzle
40040PA	400L	Auto
40045P	400L	Manual



### Diesel Fuel Storage and Dispensing Kit

- Storage and dispensing kit consists of an GPI heavy duty 12V diesel fuel drum pump (up to 56LPM), 3m fuel delivery hose, 4.6m battery cables, nozzle and nozzle holster

Part Number	Storage Capacity	Nozzle
40049GA	400L	Auto
40056G	400L	Manual



### AdBlue IBS Storage and Dispensing Kit

- Flow rates of up to 35LPM
- Heavy duty self priming 240V membrane pump ensures years of trouble free operation
- Manual shut off nozzle
- Self contained on a stainless steel base with nozzle holder the kit is easily moved from one IBC to another
- 6 meter long delivery hose and 1.5 meter long suction hose, IBC adaptor kit and nozzle holster supplied inclusive
- Pump duty cycle of 20 minutes on, 20 minutes off

Part Number: 201220

## STORAGE & TRANSFER KIT - OIL



### IBC Oil Storage and Transfer Kit

- Unit includes a 1,000 litre IBC container, 3:1 ratio pump, hose reel inclusive of 10 metres of hose, a top mounting bracket and an electronic oil meter
- Environmentally friendly as costly and time consuming empty 205L drum disposal is no longer required
- Refillable, reusable, mobile and fully transportable
- 3:1 ratio pump facilitates flow rates of up to 18LPM
- Dual pedestal hose reel provides a long service life
- Electronic oil meter powered by quickly and easily replaceable AAA batteries
- Oil storage and dispensing of the future

Part Number: 454695C



# HARDWARE BUILDING & CONSTRUCTION

## AXES/SPLITTERS



**Plumb®**

### Tasmanian Pattern Axe (Hickory Handle)

- Made in Sweden
- 2.0kg/4.5lbs 813mm/32"
- Hickory handle

Material No. ATR45C32



### **NEW** Super Splitter Axe

An Axe and Blocksplitters in one. The SuperSplitter Axe takes all the advantages of a conventional axe – lightweight design with cutting head and balance shaft – and adds two angled deflecting flanges to the cheeks. This drives the timber apart on impact in the same way a conventional wedge headed blocksplitter does. It's ideally weighted with a positive follow-through. The perfect tool for splitting timber.

- 10 year guarantee
- Contoured Australian Spotted Gum handle
- 2kg drop forged, high carbon steel head
- Hardened, tempered and hand sharpened
- Suitable for both soft and hard woods
- Lacquer sealed handle
- Made in Australia

Product Code	Width	Length	Overall Length
603600	140mm	190mm	795

## BRUSHES - PAINT



### Economy Brush Range

A general purpose, economically priced, black hog bristle brush.

Part No.	Description	Size	Part No.	Description	Size
4040	Economy	25mm	4054	Economy	75mm
4047	Economy	50mm	4061	Economy	100mm



### Flat Varnish Brush Range

Plastic handled, hog bristle brush, designed for use with varnish and oil-based paints.

Part No.	Description	Size	Part No.	Description	Size
1345	Flat Varnish	25mm	1361	Flat Varnish	50mm
1353	Flat Varnish	38mm			



### Industrial Brush Range

A wooden handled, white hog bristle brush designed for use with fibreglass resins and strong solvents.

Part No.	Description	Size	Part No.	Description	Size
3140	Industrial	12mm	3156	Industrial	63mm
3143	Industrial	25mm	3159	Industrial	75mm
3147	Industrial	38mm	3167	Industrial	100mm
3151	Industrial	50mm			





### Slimline Brush Range

White hog bristle brush range suitable for large or small areas.

Part No.	Description	Size	Part No.	Description	Size
7150	Slimline	12mm	8277	Slimline	75mm
8263	Slimline	30mm	8284	Slimline	100mm
8270	Slimline	50mm			



### Super Trade Brush Range

An easy handling, top of the range brush that features the very finest, fully flagged hog bristle and stainless steel ferrule. The handle has a comfortable fit and is weighted for better control.

Part No.	Description	Size	Part No.	Description	Size
2495	Super Trade	25mm	5477	Super Trade	75mm
2503	Super Trade	38mm	5485	Super Trade	88mm
5776	Super Trade	50mm	6330	Super Trade	100mm
2520	Super Trade	63mm			



### Touch Up Brush Range

Best quality fine horse hair brush. Available in pack quantities of 10 only.

Part No.	Description	Size	Part No.	Description	Size
1492	Touch Up	1mm	1556	Touch Up	7mm
1505	Touch Up	2mm	1564	Touch Up	8mm
1513	Touch Up	3mm	1572	Touch Up	9mm
1521	Touch Up	4mm	1580	Touch Up	10mm
1530	Touch Up	5mm	1599	Touch Up	11mm
1548	Touch Up	6mm	1601	Touch Up	12mm



### Trade Special Brush Range

Filament / bristle blend brush for general purpose applications. Set in a durable copper plated ferrule.

Part No.	Description	Size	Part No.	Description	Size
10410	Trade Special	25mm	11957	Trade Special	63mm
11279	Trade Special	38mm	3367	Trade Special	75mm
3770	Trade Special	50mm	3375	Trade Special	100mm

## BRUSHES - RADIATOR



### Radiator Brush Range

Bristle brush with an angled head and long timber handle that allows access around corners, obstacles and hard to reach places. For use with all paints.

Part No.	Description	Size	Part No.	Description	Size
1222	Radiator	25mm	1249	Radiator	50mm
1230	Radiator	38mm	1257	Radiator	63mm

## CABLE & CHAIN - SECURITY



### Cable & Chain

The Master Lock range of high security cables and chains offer flexible protection of tools and equipment. All backed by Master Locks LIFETIME GUARANTEE.

Part Number	Description	Length	Diameter
0072DPF	Cable Braided Steel	4.6m	10mm
0078DPF	Cable Braided Steel	1.8m	10mm
8119DPF	Cable Lock Combination	1.5m	10mm
8433DPF	Python Adjustable Cable Lock	1.8m	10mm
0098-12	Hexagonal Boron Chain	1.2m	13mm

## CABLE LOCK - ALARM



### Lock Alarm

Part Number	Description
Lock Alarm 2.4	Keyed cable lock with 120dB alarm 2.4m ultra hard steel cable
Lock Alarm 4.6	Keyed cable lock with 120dB alarm 4.6m ultra hard steel cable
Lock Alarm HD	70cm heavy duty armoured cable lock with 110dB alarm keyed lock



# HARDWARE, BUILDING & CONSTRUCTION

## CLIPS - TOOL



### TERRY Tool Clips - Closed

Terry Tool Clips are produced in high quality spring steel and are available in three surface finishes:

- Standard – zinc plated
- Black – nylon coated
- White – nylon coated

The closed type is the most popular TERRY clip also available in an assortment box for display and over the counter sales. (Range from 6-7mm to 51-54mm).



Product Code	Description
80.06.3	Terry Tool Clip - 6mm CLOSED type - range 6-7mm
80.10.3	Terry Tool Clip - 10mm CLOSED type - range 10-12mm
80.13.3	Terry Tool Clip - 13mm CLOSED type - range 13-14mm
80.16.3	Terry Tool Clip - 16mm CLOSED type - range 16-19mm
80.19.3	Terry Tool Clip - 19mm CLOSED type - range 19-21mm
80.25.3	Terry Tool Clip - 25mm CLOSED type - range 25-27mm
80.28.3	Terry Tool Clip - 28mm CLOSED type - range 28-31mm
80.32.3	Terry Tool Clip - 32mm CLOSED type - range 32-34mm
80.38.3	Terry Tool Clip - 38mm CLOSED type - range 34-40mm
80.51.3	Terry Tool Clip - 51mm CLOSED type - range 51-54mm



### TERRY Tool Clips - Open

The open type allows an easier entry or withdrawal from the item being secured. (Range from 6-7 to 51-54mm).



Product Code	Description
81.06.3	Terry Tool Clip - 6mm OPEN type - range 6-7mm
81.10.3	Terry Tool Clip - 10mm OPEN type - range 10-12mm
81.13.3	Terry Tool Clip - 13mm OPEN type - range 13-14mm
81.16.3	Terry Tool Clip - 16mm OPEN type - range 16-19mm
81.19.3	Terry Tool Clip - 19mm OPEN type - range 19-21mm
81.25.3	Terry Tool Clip - 25mm OPEN type - range 25-27mm
81.28.3	Terry Tool Clip - 28mm OPEN type - range 28-31mm
81.32.3	Terry Tool Clip - 32mm OPEN type - range 32-34mm
81.38.3	Terry Tool Clip - 38mm OPEN type - range 34-40mm
81.51.3	Terry Tool Clip - 51mm OPEN type - range 51-54mm



### TERRY Tool Clips – Super Clips

Super Clips are the heavy duty clips, designed for large objects up to 106mm diameter. The clip band width is up to 25.4mm and all super clips come with 2 mount holes. (Range from 44-46 to 102-106mm).



Product Code	Description
20.44.3	Terry Tool Clip - 44mm SUPER CLIP - range 44-46mm
20.64.3	Terry Tool Clip - 64mm SUPER CLIP - range 64-67mm
20.76.3	Terry Tool Clip - 76mm SUPER CLIP - range 76-79mm
20.89.3	Terry Tool Clip - 89mm SUPER CLIP - range 89-93mm
20.102.3	Terry Tool Clip - 102mm SUPER CLIP - range 102-106mm

## CRACK & FLAW FINDER



### Flawfinder

This is a fast and reliable 3-pack method of crack detection for welded joints and engineering components during maintenance or manufacturing. The Flawfinder Kit is used under normal light conditions and comprises the Cleaner, Penetrant and Developer spray in a convenient carry pack.

Part Number	Description	Size
RY642552	Flawfinder Crack Detection Spray Cleaner	300gm
RY642564	Flawfinder Crack Detection Spray Penetrant	250gm
RY642572	Flawfinder Crack Detection Spray Developer	300gm
RY642543	Flawfinder 3 Part Crack Detection Kit	

## FORKS



### Stone Fork

Ideal for bulk handling of stones. Heavy duty fork with finely spread, scooped tines for bulk handling of stones. Short handle for close work.

- Fully forged head made from high carbon steel for the most rugged jobs
- Tang and ferrule construction with squared socket for additional strength and comfortable grip
- Factory-sharpened, square tines with chisel points for easier scooping
- 25mm spacing at points
- Waxed Australian hardwood handle
- Galvanised dee grip for extra strength

Product Code	Width	Depth	Lift	Length
630873	240mm	330mm	705mm	1005mm

## HINGES



### LifeSpan® Strap Hinge



Stainless Steel Construction. Meets ANSI/BHMA A156.16 Bearing Grade 1 (100,000) Cycle test requirements. Clear powder coat finish for extended corrosion protection. Meets ANSI/BHMA A156.18 Salt Fog Spray test (300 hrs.). Carbon polymer LifeSpan® Bearings for smooth operation and minimum wear. Striking double-blister packaging. Available in: 150mm, 200mm.

Part Number	Description
S808-592	Strap Hinge HD 152mm SS
S808-600	Strap Hinge HD 203mm SS



### LifeSpan® T Hinges



Stainless Steel Construction. Meets ANSI/BHMA A156.16 Bearing Grade 1 (100,000) Cycle test requirements. Clear powder coat finish for extended corrosion protection. Meets ANSI/BHMA A156.18 Salt Fog Spray test (300 hrs.). Carbon polymer LifeSpan® Bearings for smooth operation & minimum wear. Striking double-blister packaging. Available in: 100mm, 150, 200, 250mm.

Part Number	Description
S808-618	T Hinge HD 101mm SS
S808-626	T Hinge HD 152mm SS
S808-634	T Hinge HD 203mm SS
S808-642	T Hinge HD 254mm SS



## KNIVES - STRIPPING



### Economy Stripping Knife

High carbon flexible steel blade with wooden handle.

Part No.	Description	Size	Part No.	Description	Size
3008	Economy S/K	25mm	3024	Economy S/K	75mm
3016	Economy S/K	50mm	3032	Economy S/K	100mm



### Tradeline Stripping Knife

Premium quality, flexible stainless steel blade with wooden handle.

Part No.	Description	Size	Part No.	Description	Size
7472	Tradeline S/K	25mm	6533	Tradeline S/K	75mm
6517	Tradeline S/K	38mm	6541	Tradeline S/K	100mm
6525	Tradeline S/K	50mm	5733	Tradeline S/K	125mm
7464	Tradeline S/K	63mm			

## LOCKS & LATCHES - GATE LATCH



### MaxLatch Sag Compensating Gate Latch

Compensates for over 12mm of gate sag. Passed ANSI/BHMA A156.16 Grade 2 Impact test. Padlockable, All metal construction. Patented. Striking double-blister packaging. Available in stainless steel, zinc plated, black powder-coated and galvanised.

Part Number	Description
S808-808	Gate Latch Anti-Sag ZP
S808-816	Gate Latch Anti-Sag BLK
S808-824	Gate Latch Anti-Sag GAL
S808-832	Gate Latch Anti-Sag SS



### Improved Gate Latch

Stainless Steel. Traditional 'improved' design. Passed ANSI/BHMA A156.16 Grade 2 Impact test. Padlockable. All stainless steel construction. Striking double-blister packaging. Meets ANSI/BHMA A156.18 Salt Fog Spray test (300 hrs.)

Part Number: S808-790



### 2-Way Gate Latch

Heavy Duty Aluminium Body. Geared lever operating mechanism operates from inside/outside of gate. Extruded aluminium body with stainless steel connectors. Meets ANSI/BHMA A156.16 Grade 2 (100,000) cycle test. Clear powder coat finish for extended corrosion protection. Meets ANSI/BHMA A156.18 Salt Fog Spray test (300 hrs.). Mounts to 2-Sides of Post. Passed ANSI/BHMA A156.16 Grade 1 Impact test. Patented design.

Part Number: S808-881



### 2-Way Gate Latch

Heavy Duty Steel Body. Geared lever operating mechanism operates from inside/ outside of gate. Padlocks from inside/outside of gate.

Heavy duty steel body with colour-coded fasteners. Meets ANSI/BHMA A156.16 Grade 2 (100,000) cycle test. Mounts to 2-Sides of Post. Passed ANSI/BHMA A156.16 Grade 1 Impact test. Patented design. Black powder-coated finish.

Part Number: S808-857



### Gate Springs

Fully Adjustable Tension. Ideal for use in applications requiring positive self closing action. Can be used on light & heavy duty gates. Fully adjustable spring tension. Stylish stainless steel construction. Passed ANSI/BHMA A156.18 (300 hrs) exposure test.

Part Number	Description
S808-915	Gate Spring 279mm SS
S808-923	Gate Spring 355mm SS

## LOCKS & LATCHES - HASP & STAPLE



### Hasp & Staple

Heavy Duty Stainless Steel Construction. 190mm.

Part Number: S808-725

## LOCKS & LATCHES - KEY STORAGE



### Select Access – Key Storage

There is no need to hide keys under the mat, flower pot or at the neighbours anymore. Master Lock's range of Select Access key storage devices makes it possible to leave your property locked and provide access to a select few. With a resettable combination and backed by Master Locks LIFETIME GUARANTEE a Select Access is a must for all homes.

Part Number	Description (Type)	Part Number	Description (Type)
5400D	Portable	5403D	Maxi Wall Mount
5401D	Wall Mount	5406D	Compact Portable

## LOCKS & LATCHES - PADLOCKS



### All Weather Solid Brass Security Lock

24/7 Professional Grade All-Weather Solid Brass Security Lock features solid brass body that protects from corrosion under virtually all conditions. Still has all of the maximum security features for your application demands.

Part Number	Description	Shackle Clearance
S828-194	All Weather Solid Brass Security Lock 50mm	38mm
S828-202	All Weather Solid Brass Security Lock 50mm	64mm
S828-210	All Weather Solid Brass Security Lock 50mm Keyed Alike 2-Pack	64mm



# HARDWARE, BUILDING & CONSTRUCTION

**Master Lock.**

## Combination Padlock

Master Lock has an extensive range of combination locks. Including resettable and key override options, Master Lock has all applications covered backed by a LIFETIME GUARANTEE.



Part Number	Description	Shackle Opening Height	Shackle Dia.
0647D	Combination Resettable 30mm Wide Body	22mm	3mm
1500D	Combination Dial 48mm Wide Body – Steel Shackle	19mm	7mm
0178	Combination 51mm Die Cast Body – Hardened Steel Shackle	25mm	8mm
0176	Combination 51mm Brass Body – Hardened Steel Shackle – Key override	22mm	8mm

**STANLEY**

## Combination Security Lock

24/7 Professional Grade Combination Security Lock offers all the features of a high security lock with the convenience of a combination lock. Rugged and superior quality construction makes it a top-of-the-line combination lock for all professionals.



Part Number	Description	Shackle Clearance
S828-178	Combination Security Lock 50mm	38mm
S828-186	Combination Security Lock 50mm	64mm

**Master Lock.**

## General Security Brass Padlock

- Stylish and strong solid brass lock body.
- Steel shackles for maximum cut resistance.
- Available keyed to differ or keyed alike.
- Lifetime Guarantee.



Part Number	Description	Shackle Opening Height	Shackle Dia.
0120KA	Diamond Brass 20mm KA	11mm	4mm
0130KA	Diamond Brass 30mm KA	16mm	5mm
0140KA	Diamond Brass 40mm KA	22mm	6mm
0140LFKA	Diamond Brass 40mm KA - Extd Shackle KA	38mm	6mm
0150KA	Brass 50mm KA	25mm	7mm

**STANLEY**

**SECURITY24/7**

## Hardened Steel Security Lock

24/7 Professional Grade Hardened Steel Security Lock offers high quality, top-level protection. Hardened steel body makes it virtually impenetrable providing maximum security and peace of mind regardless of the job, project or application.



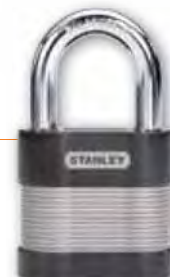
Part Number	Description	Shackle Clearance
S828-145	Hardened Steel Security Lock 50mm	25mm
S828-152	Hardened Steel Security Lock 50mm Keyed Alike 2-Pack	25mm
S828-160	Hardened Steel Security Lock 60mm	25mm

**STANLEY**

**SECURITY24/7**

## Laminated Security Lock

Heavy duty laminated steel, hardened steel end caps and recessed rivets. 24/7 Professional Grade Laminated Security Lock brings maximum protection to the job site. Works everywhere, giving you peace of mind when securing your tools and equipment.



Part Number	Description	Shackle Clearance
S828-228	Laminated Security Lock 50mm w/ Shroud	25mm
S830-810	Laminated Security Lock 50mm	25mm
S828-236	Laminated Security Lock 50mm Keyed Alike 2-Pack	25mm
S828-244	Laminated Security Lock 60mm	38mm

**Master Lock.**

## Laminated Steel

- Strong laminated steel bodies for superior strength.
- Hardened steel and boron alloy shackles for superior cut resistance.
- Extra length shackles available to cover all applications.
- Available keyed to differ or keyed alike.
- Lifetime Guarantee.



Part Number	Description	Shackle Opening Height	Shackle Dia.
0003D	40mm Wide Body – Steel Shackle	19mm	7mm
0001D	44mm Wide Body – Steel Shackle	24mm	8mm
0005D	51mm Wide Body – Steel Shackle	25mm	10mm

**Master Lock.**

## Solid Steel Case Padlocks

- High security, heavy case hardened steel body.
- Chrome rust proofing provides longer life.
- Extra length shackles available to cover all applications.
- Keyed alike and Master Keying available.
- Can be integrated into existing key systems.
- Lifetime Guarantee.



Part Number	Description	Shackle Opening Height	Shackle Dia.
7030K	40mm Wide Body – Boron Shackle	27mm	6mm
7035K	40mm Wide Body – Shrouded Boron Shackle	27mm	6mm
7040K	44mm Wide Body – Boron Shackle	30mm	8mm
7045K	44mm Wide Body – Shrouded Boron Shackle	30mm	8mm
7050K	51mm Wide Body – Boron Shackle	37mm	10mm

**Master Lock.**

## Solid Iron Shroud Padlocks – Pro Series

- High security, heavy duty bodies withstand physical attacks.
- Dual ball bearing locking mechanism resists pulling and prying.
- Iron shroud protects shackle from cutting and prying.
- Can be integrated into existing key systems.
- Keyed alike and Master Keying available.
- Lifetime Guarantee.



Part Number	Description	Shackle Opening Height	Shackle Dia.
6321K	54mm Wide Body – Boron Shackle	19mm	8mm
6325K	61mm Wide Body – Boron Shackle	19mm	10mm
6327K	67mm Wide Body – Boron Shackle	19mm	11mm



## Master Lock

### Weather Tough Padlocks – Pro Series

- High security, heavy duty bodies withstand physical attacks.
- Ideal for harsh outdoor conditions and dusty construction sites.
- Keyway cover keeps out dust, dirt and grime.
- Extra length and brass shackles available for increased corrosion resistance.
- Keyed alike and Master Keying available.
- Lifetime Guarantee.



Part Number	Description	Shackle Opening Height	Shackle Dia.
6121K	54mm Wide Body - Boron Shackle	29mm	8mm
6125K	61mm Wide Body - Boron Shackle	35mm	10mm
6127K	67mm Wide Body - Boron Shackle	35mm	11mm

## STANLEY SECURITY24/7

### Padlock & Cable Set

**Padlock** - 40mm laminated steel body. Weather resistant shrouding. 3 dial combination mechanism. User changeable combination. PVC coated hardened shackle.

**Cable** - 1.2m long braided cable. 8mm twisted wire construction. Long life PVC coating which won't scratch valuables.

Part Number: S824-292



## STANLEY SECURITY24/7

### S824-284 - Padlock & Hasp Set

**Padlock** - Shrouded shackle padlock. 50mm solid brass. Brass tumbler mechanism. Added pick resistance. Rubber bumper around padlock.

**Hasp & Staple** - Hardened staple. All concealed fixings. Hinges design for flexible mounting 200mm long.

Part Number: S824-284



## PAINT - ANTI-CORROSIVE PROTECTION

## GALMET

### Duragal

An anti-corrosive silver protection paint and touch-up coating for DuraGal® welds and other iron and steel products giving the appearance of a new DuraGal® coated surface.



Product Code	Description	Size
GGDSA	Duragal Silver Paint	350g Aerosol
GGDS1L	Duragal Silver Paint	1 Litre
GGDS4L	Duragal Silver Paint	4 Litre
GGDS20L	Duragal Silver Paint	20 Litre

## PAINT - COLD GALVANISING

## GALMET

## Devcon

### Cold Galvanizing

An organic zinc-rich coating that provides long term protection to steel against rust and corrosion. This is due to the cathodic (galvanic) action between the steel and the metallic zinc in the coating. The action prevents rust from developing under Cold Galvanizing.



Product Code	Description	Size
GGCGA	Cold Galvanizing Zinc Coating	400g Aerosol
GGCG500M	Cold Galvanizing Zinc Coating	500ml
GGCG1L	Cold Galvanizing Zinc Coating	1 Litre
GGCG4L	Cold Galvanizing Zinc Coating	4 Litre
D12000	Cold Galvanizing Zinc Coating	350gm

## PAINTS - ENAMEL

## Dy-Mark

### Hi-Performance Enamel

- Fast drying, high solids formula
- Resists fading, cracking, chipping and peeling
- Ideal for industrial and DIY applications
- Applications include agricultural equipment, industrial structures, machinery, letterboxes, toys, railings and fences
- Suitable for topcoating Dy-Mark's Metal and Etch Primers

Product Code: Gloss: 232035 + colour code  
Semi-Gloss: 233035 + colour code  
Flat White: 23123511  
Flat Black: 23403501



## GALMET

### Spray Paint

Galmet Spraypaint is a fast-dry, high gloss steel and structural enamel used as a general purpose industrial finishing coat. It is formulated to provide a tough exterior coating for the protection of metal surfaces using air or airless spray equipment. Galmet Spraypaint's easy application properties make it attractive to both experienced and semi-skilled spray painters.



Product Code	Description	Size
GSPBLA350	Fast Dry High Gloss Enamel Spray Paint Black Gloss	350g Aerosol
GSPBSA350	Fast Dry High Gloss Enamel Spray Paint Black Satin	350g Aerosol
GSPWA350	Fast Dry High Gloss Enamel Spray Paint White Gloss	350g Aerosol
GSPSA350	Fast Dry High Gloss Enamel Spray Paint Silver	350g Aerosol
GSPGYA350	Fast Dry High Gloss Enamel Spray Paint Golden Yellow	350g Aerosol
GSPFBA350	Fast Dry High Gloss Enamel Spray Paint Flat Black	350g Aerosol
GSPSRA350	Fast Dry High Gloss Enamel Spray Paint Signal Red	350g Aerosol
GSPBRA350	Fast Dry High Gloss Enamel Spray Paint Bright Red	350g Aerosol
GSPOBA350	Fast Dry High Gloss Enamel Spray Paint Ocean Blue	350g Aerosol
GSPGPA350	Spray Paint Primer Grey	350g Aerosol



# HARDWARE, BUILDING & CONSTRUCTION

## PAINTS - ETCH PRIMER



### Etch Primer

- Provides excellent adhesion to metals that are difficult to bond to
- Protects against corrosion
- Fast dry product
- Suitable for use on aluminium, galvanised iron, new steel and alloys

Product Code: 23503513



## PAINTS - MARKING



### Spray & Mark

- Premium marking out paint
- Designed for inverted use
- Bright colour range
- Features the original one piece "Trigger Cap" for quick and easy application
- Ideal for marking on concrete, bitumen, steel and timber
- Suitable for use with the 2 Wheel Spot Marking Handle and the Long Arm Handle

Product Code: 400135 + colour code



## PAINTS - LINE MARKING



### Line Marking Paint

- A fast drying acrylic paint
- Specially formulated to provide long lasting lines
- Ideal for marking on car parks, factories, warehouses, sporting fields and courts
- Also available in aerosol and bulk format

Product Code: 410150 + colour code



## PAINTS - MARKING HANDLE



### Spot Marking Handle

- Great for marking out jobs
- Ideal for trench digging and landscaping applications
- Suitable for use with Spray & Mark and Landscape Chalk
- Lightweight aluminium construction
- Improve efficiency and make application less fatiguing

Product Code: 40090110



## PAINTS - LINE MARKING MACHINE



### Line Master Line Marking Machine

- Ergonomic design with built-in side line attachment
- Heavy duty steel construction
- Adjustable line width
- Lightweight, removable handle for spot marking
- Includes utility tray and storage for up to 5 cans of Dy-Mark's Line Marking Paint
- Allows for line widths between 60mm and 100mm

Product Code: 41800203



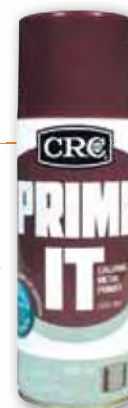
## PAINTS - METAL PRIMER



### Prime It

CRC Prime It is a single component metal primer with a Zinc enriched formula, providing superior adhesion to metals. Prime It will outlast standard primers by stopping corrosion in metals. Prime It can be over-coated with most decorative paint finishes. Zinc complexes provide good protection for up to three years in normal outdoor conditions.

- Compatible with most top-coats
- Sands easily with fine paper
- Red oxide finish stands test of time
- Use for primer/undercoat



Part Number	Description	Size
2091	Prime It - Aerosol	300g

## PAINTS - LONG ARM HANDLE



### Long Arm Handle

- Gives you that extra reach when you need it
- Assists in preventing back strain
- Suitable for use with Spray & Mark and Landscape Chalk
- Improve efficiency and make application less fatiguing
- Lightweight aluminium construction

Product Code: 40080105



### Metal Primers

- Quality primer range for clean and rusty metal surfaces
- Forms a tough barrier against corrosion
- Excellent adhesion properties
- Superior coverage for DIY and industrial use
- Ideal for top coating with Dy-Mark's Hi-Performance Enamel
- Suitable for use on wrought iron railings, fences, gates and other structural steel

Product Code: 231135 + colour code







## Keytite Steel

Keytite Steel Primer is a slow drying, single pack alkyd primer designed to penetrate lightly rusted surfaces. Its anti-corrosive pigments passivate metal surfaces to provide good adhesion prior to the application of a topcoat, as well as combining superior steel wetting and flow characteristics for easy application with a brush or roller. A topcoat of Galmet Rustpaint, Galmet Hammered Metal Finish or Galmet Spraypaint may be applied to the primed steel substrate.



Product Code	Description	Size
<b>GKSGA350</b>	Keytite Steel Primer Aerosol Grey	350g
<b>GKSRA350</b>	Keytite Steel Primer Aerosol Red	350g
<b>GKSG500</b>	Keytite Steel Primer Grey	500g
<b>GKSG1L</b>	Keytite Steel Primer Grey	1 Litre
<b>GKSG4L</b>	Keytite Steel Primer Grey	4 Litre

## PAINTS - MINE MARKING



### Mine Marking

- Specially formulated for above/below ground areas
- Two nozzle options available for upright/inverted spray or horizontal spray application
- Bright, highly visible marks on dark surfaces
- Applications include marking out ore zones in grading control, pit walls and survey grid layouts



Product Code: 380135 + colour code (Horizontal)  
Product Code: 380335 + colour code (Upright/Inverted)

## PAINTS - MINE MARKING NON FLAMMABLE



### Mine Marking Non Flammable

- Non-flammable layout marker
- Formulated for use in underground coal mines and other fire sensitive situations
- Two nozzle options available for upright/inverted spray or horizontal spray application
- Bright, highly visible marks on dark surfaces



Product Code: 380235 + colour code (Horizontal)  
Product Code: 380435 + colour code (Upright/Inverted)

## PAINT - MIXERS



### Tradeline Universal Power Mixer

Premium trade quality with all steel hexagonal shaft.

- 400mm has a 5-10kg capacity and drill specifications of 10mm (3/8") 200-900 rpm
- 600mm has a 10-20kg capacity and drill specifications of 12mm (1/2") 200-900 rpm

Part Number	Description	Size
<b>11296</b>	Tradeline Universal Power Mixer	400mm
<b>11260</b>	Tradeline Universal Power Mixer	600mm

## PAINT PROTECTION



### Little Gem Plastic Protection Sheets

Embossed polythene plastic protection sheet. Paint splatter protection for floors and furniture. The heavy duty sheet is reusable.

Part No.	Description	Size
<b>4896</b>	Little Gem Standard Plastic Protection Sheet	2.6m x 3.6m
<b>3391</b>	Little Gem Heavy Duty Plastic Protection Sheet	2.6m x 3.6m



### Little Gem Cover Quick

Masking and covering in one step. A paper roll edged with masking tape that is perfect for easy masking before painting. Available in a complete dispenser and a replacement roll.

- Roll size is 20m long x 180mm wide.

Part Number	Description	Size
<b>11148</b>	Little Gem Cover Quick Complete	20m x 180mm
<b>11930</b>	Little Gem Cover Quick Replacement Roll	20m x 180mm

## PAINT - RUSTPAINTS



### Rustpaint

Rustpaint is a single pack, high gloss epoxy modified enamel specifically formulated to protect and beautify both new and old surfaces. It exhibits a tough abrasion resistant finish.

Product Code	Description	Size
<b>GRPBLA</b>	Rustpaint Single Pack Epoxy Enamel Black Gloss	350g
<b>GRPSAA</b>	Rustpaint Single Pack Epoxy Enamel Silver	350g
<b>GRPWA</b>	Rustpaint Single Pack Epoxy Enamel White Gloss	350g
<b>GRPGYA</b>	Rustpaint Single Pack Epoxy Enamel Golden Yellow	350g
<b>GRPBFA</b>	Rustpaint Single Pack Epoxy Enamel Black Flat	350g
<b>GRPBRA</b>	Rustpaint Single Pack Epoxy Enamel Bright Red	350g
<b>GRPOBA</b>	Rustpaint Single Pack Epoxy Enamel Ocean Blue	350g

## RUST CONVERTER



### Ironize

Ironize is a fast reacting rust converter and sealer which can be applied directly to rusty surfaces. It reacts with rust to form a black chelate compound which binds to the surface, however to fully protect the metal substrate, Galmet Keytite Steel Primer must be applied followed by Galmet Rustpaint within 3 months of surface preparation with Ironize.

Product Code	Description	Size
<b>GICS500M</b>	Galmet Ironize Rust Converter and Sealer	500ml
<b>GICS1L</b>	Galmet Ironize Rust Converter and Sealer	1 Litre
<b>GICS4L</b>	Galmet Ironize Rust Converter and Sealer	4 Litre



# HARDWARE, BUILDING & CONSTRUCTION

## PAINT - SANDING BLOCKS



### Flexisand

A flexible sanding block that is cheaper than sand paper in the long run. Available in convenient dual grit and a 12 pack counter display.

Part Number	Description	Size
4669	Flexisand Medium/Fine Grit	Med/Fine
9902	Flexisand Medium/Coarse Grit	Med/Coarse



**NORTON**

### Rubber Hand Sanding Block

- Ideal for uniform sanding. Can be used for wet or dry sanding. Uses a 70mm x 230mm sheet which is a 1/4 of a standard 230mm x 280mm sheet. Slotted jaws securely hold the sheet in place. Rubber composite adjusts well to surfaces.

Part Number: 43130



**NORTON**

### Ergonomic Hand Sanding Block

- Constructed of sturdy, high strength, durable material and ergonomically shaped to fit comfortably in your hand. The firm design produces a true flat surface. The embossed rubber face allows for good adhesion of PSA discs while the hook and loop works well with Speed-Grip sheets and discs.

Part Number	Description
03726	For 150mm Speed-Grip Discs only
03727	For 150mm Stick 'n' Sand Discs only



**NORTON**

### Dual Density Hand Sanding Block

- Because of the "grabbing" power of these blocks, no adhesive is required. Simply wrap the paper around the block. The dense side is more aggressive blocking, while the soft side is for colour sanding.

Part Number: 03728

**NORTON**

### Holey Hand Sanding Block

- A rugged, semi rigid, multi purpose sanding block engineered for flat to medium curved surfaces. A tactical hole pattern side provides numerous cutting edges to create a 30% faster cut rate. The plain side provides a firmness and comfortable, easy-to-hold surface.

Part Number: 03729



**NORTON**

### Cork Sanding Blocks

- Makes hand sanding easier.
- Ideal for wet or dry sanding.
- Display shipper / barcoded.

Part Number: AM228044



## PAINTS - SPRAY INK



### Spray Ink

- Specially formulated for stencil applications
- Fast drying and lightfast paint
- Also suitable for general colour coding
- Unique formulation minimises buildup when used on stencils

Product Code: 390135 + colour code



## PAINT - TOOL



### Tradeline 15-in-1 Painters Tool

Soft touch handle with hammer end, nail puller, concave and convex scraper, screwdriver and bottle opener.

Part Number	Description	Size
70000	Tradeline 15-in-1 Painters Tool	Standard

## PAINTS - ZINC



### Coloured Zincs

CRC Coloured Zincs are quick drying, primer-less topcoats, reinforced with Zinc complexes for added corrosion control. They will outlast standard decorative paints by resisting undercutting and blistering from corrosion.

The Zinc content assists adhesion to bare metals.

- Dries to deep rich finish
- Final finish is both scratch and solvent resistant
- Optimum level of zinc complexes give outstanding protection over bare metal
- Do not require undercoat
- Unique resin system bonds strongly to most metals



Part Number	Description	Size
2089	Black Zinc - Aerosol	300g
2098	Yellow Zinc - Aerosol	300g
2093	Copper Zinc - Aerosol	300g
2092	Stainless Steel Plus Zinc - Aerosol	300g





## Bright Zinc

CRC Bright Zinc is formulated to provide superior corrosion protection compared to standard paint systems and dries to the colour of the new galvanising.

### FEATURES:

- Corrosion Protection – Forms a waterproof, scratch resistant barrier
- New Galvanised Look – Bright Zinc resembles a new galvanised finish
- Quick Drying – Bright Zinc is touch dry in 10-20 minutes and fully cured in 24 hours
- Versatile – Bright Zinc requires no undercoat and can be sprayed directly onto bare metal

### TYPICAL USES:

- After-weld touch ups
- Marine applications
- Trailer, fence gate and new galvanising touch ups
- For ultimate protection use CRC ZINC IT as a base coat



Part Number	Description	Size
2087	Bright Zinc - Aerosol	350g
2187	Bright Zinc - Bulk	1L



## Zinc It

CRC Zinc It is a single component Zinc rich compound with the special epoxy binder and contains over 90% of highest purity Zinc in the dried film. It fuses directly to a clean iron or steel surface through electrochemical action and presents a hard, single-time protection against corrosion for many years. It is not a paint. The sacrificial coating actively fights rust and corrosion creepage with a flexible, continuous film. CRC Zinc It actually offers itself as a cathodic protection against corrosion. The zinc becomes the anode from which positive electric current is self-generated and flows to the cathode... or base metal. When applied to iron or steel – even in the presence of moisture – the zinc in CRC Zinc It becomes the perfect anode. Corrosion attacks the anodic (Zinc) covering. CRC Zinc It is ideal for use on: transmission towers, structural steel, trailers, guard rails, welding seams, fencing, off shore oil rigs, coastal and shipborne installations subject to severe salt water and salt spray corrosion.



Part Number	Description	Size
2085	Zinc It - Aerosol	350g
2185	Zinc It - Bulk	1L



## Silver-Gal

- Silver paint designed to match the bright finish of 'Hot Dip' galvanising
- Anti-corrosive
- Ideal for touch ups on steel and iron
- Suitable for industrial and decorative applications

Product Code: 39053510



## Zinc - Gal

- Contains 91% zinc in dry film
- A zinc-rich high performance coating
- Provides true galvanic protection to steel and iron
- Excellent adhesion properties
- Ideal for structural steelwork in industrial environments (tanks, pipes, fences and buildings)
- Available in aerosol and brush-on format

Product Code: 39054013



## PAINT ROLLERS



### Little Gem Trim Completes

390mm handle with 110mm roller sleeve. Available in fabric, mohair, foam, texture and pipe.

Ideal for trim work and awkward places.

Part No.	Description	Size	Part No.	Description	Size
5936	Fabric Complete	110mm	41110	Texture Complete	110mm
31110	Mohair Complete	110mm	4321	Pipe Complete	90mm
4108	Foam Complete	110mm			



### Cage Frames

Plastic handle and threaded to fit Rokset extension pole. Heavy duty model has reinforced end caps and soft touch handle.

Part No.	Description	Size	Part No.	Description	Size
11121	Economy Frame	75mm	11834	Heavy Duty Frame	180mm
3746	Economy Frame	130mm	11842	Heavy Duty Frame	230mm
6904	Economy Frame	180mm	11850	Heavy Duty Frame	270mm
3295	Economy Frame	230mm			
7149	Economy Frame	270mm			



### Roller Kits



Kits include tray, cage frame and roller cover.

Part No.	Description	Size	Part No.	Description	Size
1694	DIY Roller Kit	230mm	4917	Little Gem Kit	230mm
1685	Budget Roller Kit	230mm	7762	Little Gem Kit	270mm



# HARDWARE, BUILDING & CONSTRUCTION

## PAINT - ROLLER COVERS



### Budget Roller Range

Budget covers have a 12mm nap with no end cap. 230mm roller covers are available in singles, twin and 6 packs.

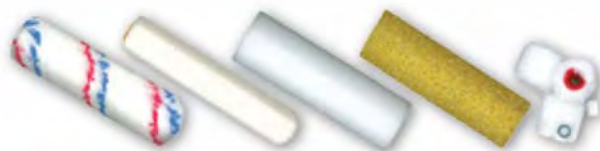
Part No.	Description	Size	Part No.	Description	Size
11103	Budget Cover	75mm	13333	Budget Cover	270mm
5647	Budget Cover	130mm	1957	Budget Cover 2pk	230mm
11156	Budget Cover	180mm	1949	Budget Cover 6pk	230mm
11164	Budget Cover	230mm			



### Extreme Universal Roller Range 10mm Nap

For an extra smooth finish with no splatter, this cover is ideal for use with undercoat, gloss, semi-gloss, plastic, acrylic and vinyl finishes on smooth and semi-smooth surfaces.

Part No.	Description	Size	Part No.	Description	Size
10866	Universal Cover	75mm	4955	Universal Cover	230mm
2479	Universal Cover	130mm	4963	Universal Cover	270mm
4749	Universal Cover	180mm	3068	Universal Cover	360mm



### Little Gem Trim Covers

110mm roller sleeves perfect for trim work. Twin and 10 packs available in fabric, mohair, foam and texture. Pipe roller spares are available in single packs only.

Part No.	Description	Size	Part No.	Description	Size
11199	Fabric Twin Pack	110mm	3908	Fabric 10 Pack	110mm
1124	Mohair Twin Pack	110mm	6060	Mohair 10 Pack	110mm
9814	Foam Twin Pack	110mm	23127	Foam 10 Pack	110mm
1099	Texture Twin Pack	110mm	1093	Texture 10 Pack	110mm
4330	Pipe Spare Single	90mm			

## PAINT ROLLER EXTENSION POLES



### Paint Roller Extension Poles

Standard metal and heavy duty aluminium extension poles in varying fixed and extendable lengths.

Part No.	Description	Size	Part No.	Description	Size
1570	Standard Metal	1.2m	16012	H/D Aluminium	0.6-1.2m
1579	Standard Metal	1.1 - 2m	12240	H/D Aluminium	1.2-2.4m
14070	H/D Aluminium	0.4-0.7m	18360	H/D Aluminium	1.8-3.6m

## PAINT ROLLER TRAYS



### Roller Trays

Available in varying sizes and qualities.

Part No.	Description	Size	Part No.	Description	Size
11012	Std Mini Tray	110mm	7819	Metal Tray	270mm
1706	Std Black Tray	230mm	4154	Premium Tray	360mm
10006	H/D Hooded Tray	270mm			

## PICKS

### Plumb

#### Prospector's Pick

- Forged head
- Polished face, chamfer, and back
- Fibreglass handle with comfortable cushion grip
- PermaBond® construction between head and handle
- Known as the "Rock Hound" hammer
- 450/16

Material No. 11423



#### Pick - Pelican

Ideal for picking or scraping soft or loose surfaces. Used for picking and scraping loose surfaces and moving loose ground materials.

- 2.5mm high quality steel head
- Hardened and tempered point for strength and durability
- Bolted head to handle assembly
- 150mm metal socket for strength and handle protection
- Handled version comes with lacquered, premium Australian hardwood handle to prevent splintering



Product Code	Type	Head Width	Head Length	Overall Length
635267	Head Only	180mm	400mm	N/A
635298	With Handle	180mm	400mm	860mm

## RAKES



#### Landscaper's Rake

Ideal for raking soil, stones and leaves. A heavy duty rake for clearing and raking soil, stones and leaves. The 90° bend at the back edge of the head gives the rake substantial strength for use in heavy or wet soils and is also great for spreading dressings.

- Solid one-piece for added strength
- Hot formed head with strengthened back
- Angled teeth, 30mm spacing at points
- Lacquer-sealed hardwood handle prevents splintering

Product Code	Tine	Width	Depth	Length
636516	14	375mm	80mm	1545mm
636554	16	435mm	80mm	1545mm





### Rake - Landscapers 18 Tine

- Powder coated carbon steel head
- Wide head with stays for support
- Spreading bar for fillings and toppings
- Long timber handle
- Head size - 440mm x 85mm

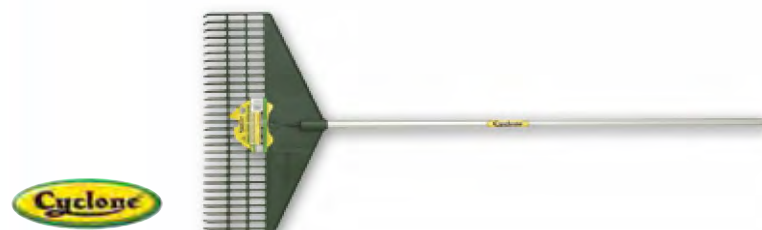
Product Code: SJ-LR1



### Rakes - Leaf Plastic

- Plastic head and tines
- Heavy duty plastic
- Long timber handle

Product Code	Size
SJ-R450	450mm
SJ-R600	600mm



### Super Rake

Ideal for raking litter, leaves, sand and lawn clippings. A huge plastic rake for raking just about everything. Turn it around and you can use the scraper for levelling sand and shifting water from concrete driveways and garage floors. Great for top dressing.

- Huge 580mm head cuts raking time in half
- Heavy duty, UV stabilised polypropylene construction ensures long lasting durability
- Strong but light aluminium handle reduces fatigue

Product Code	Width	Depth	Length
636974	580mm	320mm	1550mm

## SAWS - BOW



### Bow Saws - 3ppi

- Hardpoint blade stays sharp up to 5 times longer than untreated blades
- Teeth designed for fast and free cutting on forward and backward strokes
- Lever tension device for simple blade changing

Product Code	Size
SJ-3621K	21"
SJ-3624Z	24"



## SHOVELS



### Shovel Digging and Shifting/Round Mouth

Ideal for general digging work and shovelling. Suitable for digging, shifting and loading compact materials, including dry soil and sand. **Short handle for close work.**

- 2mm boron and titanium treated Australian steel blade, tough enough for the most rugged jobs
- Lacquer-sealed, premium Australian hardwood handle prevents splintering
- Polished, peaked socket for additional strength and comfortable grip
- Galvanised dee grip for extra strength
- Treaded blade allows for extra foot pressure

Product Code	Size	Blade Width	Blade Depth	Handle Lift	Overall Length
640803	Small	280mm	280mm	600mm	945mm
640858	Medium	285mm	300mm	625mm	960mm



### Multi Purpose Shovel

Ideal for shovelling bark, crushed rock, crushed ice, grain, food, road spills, garbage, stable/farm waste and compost. The Cyclone Multi-Purpose Shovel is made from UV stabilised, industry grade, polypropylene. It is light and hygienic and will never rust, splinter or corrode.

- UV stabilised for longer life
- Single piece polypropylene
- Large capacity per load
- Virtually unbreakable
- Impact proof construction
- High chemical tolerance

Product Code	Blade Width	Blade Depth	Overall Length
639302	350mm	250mm	1100mm



### Shovels - Pincer

- Heavy duty oversized head - 150mm (6")
- Heat treated, high grade 2.0mm carbon steel head
- 3.5mm lightweight PE resin bonded fibreglass shafts
- Hard wearing rubber hand grips
- Solid core runs through the collar and into the shaft for added strength

Product Code: SJ-PPHFG

Also Available in metal handle model - 125mm (5") Head

Product Code: SJ-PPHM



### Shovels - Plumbers

- Heavy duty powder coated 2.0mm carbon steel head
- Reinforced collar for extra strength
- Factory sharpened blade allows for easy digging

Product Code	Style
SJ-SHO/80FG	Plumbers Shovel - Long Fibreglass Handle
SJ-SCPS	Plumbers Shovel - Solid Core Fibreglass Handle



# HARDWARE, BUILDING & CONSTRUCTION



## NEW Shovel Post Hole All Steel

Superior strength handle, suitable for tradesmen for general digging work such as drains, mixing work, digging and clearing holes, fencing and shallow holes.

- 10 year guarantee
- Superior strength steel handle (1.6mm wall thickness)
- Reinforcing collar for shaft-to-blade strength
- 2mm thick steel ribbed blade
- Ergonomically designed with rubber comfort grips

Product Code	Blade Width	Blade Depth	Handle Lift	Overall Length
640124	195mm	275mm	630mm	1475mm



## Shovel Square Mouth Post Hole

Ideal for digging post holes, drains, clearing and mixing work. A good general purpose shovel for digging and clearing deep, narrow holes and pits, fencing and shallow trench digging. **Long handle for extra leverage.**

- 2mm boron and titanium treated Australian steel blade, tough enough for the most rugged jobs
- Lacquer-sealed, premium Australian hardwood handle prevents splintering
- Polished, peaked socket for additional strength and comfortable grip
- Reinforcing ribs provide added blade strength
- Treaded and factory sharpened blade allows for easy digging

Product Code	Blade Width	Blade Depth	Handle Lift	Overall Length
640001	195mm	275mm	725mm	1450mm



## Post Hole Shovel - Wooden Handle

- Used for digging trenches and holes
- Blade forged from chrome alloy steel, ribbed for extra strength
- Tough and wear resistant
- Fitted with tough hardwood handle, oiled for long life and user comfort
- Treaded top for safety
- Correctly heat treated to best suit product application

\* Warning wear safety goggles user and bystander

Part Number	Description	Weight
5SHPH	Post Hole Shovel c/w Long Wooden Handle	2.44kg



## Shovels - Post Hole

- Heavy duty powder coated 2.0mm carbon steel head
- Reinforced collar for extra strength
- Factory sharpened blade allows for easy digging

Product Code	Style
SJ-SHO/75	Post Hole Shovel - Hardwood Ash Handle
SJ-SHO/75FG	Post Hole Shovel - 3.5mm Hollow Fibreglass Handle
SJ-SCPH	Post Hole Shovel - Solid Core Fibreglass Handle



## Shovel Shifting Square Mouth

Ideal for shovelling heavy soils and sand. General purpose shovel for shifting, loading and spreading heavy to light materials. **Long handle for extra leverage.**

- 2mm boron and titanium treated Australian steel blade, tough enough for the most rugged jobs
- Lacquer-sealed, premium Australian hardwood handle prevents splintering
- Polished, peaked socket for additional strength and comfortable grip
- Untreaded blade
- Size Small or "O" specially designed for loading concrete mixers

Product Code	Size	Blade Width	Blade Depth	Handle Lift	Overall Length
642241	Small	225mm	280mm	900mm	1435mm
642388	Medium	265mm	315mm	930mm	1470mm
642470	Large	275mm	330mm	940mm	1475mm



## Shovel - Square Mouth All Metal

- Heavy duty all steel construction
- Extra long 30" for extra reach
- D-handle metal grip
- Head size - 300mm x 255mm

Product Code: SJ-WS350



## Shovels - Square Mouth D-Handle

- Heavy duty powder coated 2.0mm carbon steel head
- Reinforced collar for extra strength
- Factory sharpened blade allows for easy digging

Product Code	Style
SJ-SHO/55	Square Mouth Shovel Small - Hardwood Ash D Handle
SJ-SHO/55FG	Square Mouth Shovel Small - Fibreglass D Handle
SJ-SHO/65	Square Mouth Shovel - Hardwood Ash D Handle
SJ-SHO/65FG	Square Mouth Shovel - Fibreglass D Handle



## Shovels - Square Mouth Long Handle

- Heavy duty powder coated 2.0mm carbon steel head
- Reinforced collar for extra strength
- Factory sharpened blade allows for easy digging

Product Code	Style
SJ-SHO/50	Square Mouth Shovel Small - Long Hardwood Ash Handle
SJ-SHO/50FG	Square Mouth Shovel Small - Long Fibreglass Handle
SJ-SHO/60	Square Mouth Shovel Long Hardwood Ash Handle
SJ-SHO/60FG	Square Mouth Shovel Long Fibreglass Handle



## Shovels - Trenching

- Heavy duty powder coated 2.0mm carbon steel head
- Reinforced collar for extra strength
- Factory sharpened blade allows for easy digging

Product Code	Style
SJ-SHO/90	Trenching Shovel - Hardwood Ash Handle
SJ-SHO/90FG	Trenching Shovel - 3.5mm Hollow Fibreglass Handle
SJ-SCT	Trenching Shovel - Solid Core Fibreglass Handle



## SPRAY GUNS

### KC TOOLS SPECIALITY

#### Mini Spray Gun

- 1.5mm fluid nozzle
- 180 - 240ml / min

Part Number: 30220



### KC TOOLS SPECIALITY

#### Spray Gun

- 2.0mm fluid nozzle
- 180 - 240ml / min

Part Number: 30250



### KC TOOLS SPECIALITY

#### Spray Gun

- 1.5 and 2.0mm fluid nozzles
- 120 - 180ml / min

Part Number: 30203



### KC TOOLS SPECIALITY

#### Engine Cleaning Gun

- Easy to use. Simply fill tank reservoir with cleaning solution and connect air line.
- 12 bar

Part Number: 30260



## SPRAYERS



### Garden Sprayers

Hills Garden Sprayers hold 5 or 7 litres of liquid and are designed to be used with a range of water-based pesticides, herbicides and fertilisers.

- Ergonomic handles for extra comfort and control
- Aluminium lance with adjustable brass nozzle
- Hand-operated on/off tap
- Safety valve prevents over pumping
- UV-Stabilised bottle
- Twist-lock pump handle
- Carry Strap included
- 12 month guarantee



Product No.	Description	Load Rating
BH220007	7L Pressure Sprayer	2.0kg
BH220005	5L Pressure Sprayer	1.8kg



### Knapsack Sprayers

Hills Garden Sprayers hold 12 or 16 litres of liquid and are designed to be used with a range of water-based pesticides, herbicides and fertilisers.

- Comfortable, moulded pump handle
- Ergonomic trigger handle provides easy grip
- Fibreglass lance & extension lance
- Padded straps for enhanced comfort
- Dual, multi-directional nozzles - option to use one nozzle only
- Adjustable nozzles
- UV-stabilised bottle
- 12 month guarantee



Product No.	Description	Load Rating
BH220490	12L Knapsack Sprayer	2.0kg
BH220636	16L Knapsack Sprayer	?kg



### Pressure Sprayers

Hills Small Pressure Sprayers hold 2 or 1 litres of liquid volume, great for indoor and outdoor use featuring an easy to use pistol grip trigger.

- Ergonomic handles for extra comfort and control
- Aluminium lance with adjustable brass nozzle
- Hand-operated on/off tap
- Safety valve prevents over pumping
- UV-Stabilised bottle
- Carry Strap included
- Twist-lock pump handle
- 12 month guarantee



Product No.	Description	Load Rating
BH220056	2L Pressure Sprayer	0.4kg
BH220049	1L Pressure Sprayer	0.3kg



### Trigger Sprayers

The Hills Trigger Sprayers are great for watering indoor plants or for indoor cleaning purposes. Chose from 1 litre or 500ml bottles.

- Ideal for indoor plants and cleaning purposes
- Multi-purpose and versatile
- Trigger handle facilitates easy operation
- Adjustable plastic nozzle - fine or jet setting
- Strong plastic bottle
- 12 month guarantee

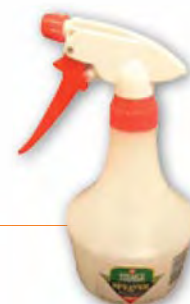


Product No.	Description	Load Rating
BH220070	1L Trigger Sprayer	0.1kg
BH220063	500ml Trigger Sprayer	0.08kg



### Sprayers - Trigger Action

- Quality heavy duty durable plastic
- Easy to use trigger action
- Adjustable nozzle to control liquid flow



Product Code	Size
SJ-P723	0.5 Litre
SJ-P722	1 Litre



# HARDWARE, BUILDING & CONSTRUCTION

## SPRINGS



### Compression & Extension Springs

Century Springs offer the best spring solution available in Australia. Stock includes compression and extension springs, spring steel and stainless steel, plated and unplated. All Century Springs are made to exacting standards.

**Spring Centres:**  
7 different size displays  
available to suit your  
needs.



400-2CENDUL

## STAR DROPPER HAMMER



### Star Dropper Hammer

- Used for driving in star droppers (also called star pickets or fencing droppers)
- Also used to drive in marker pegs, stakes and concreting stakes
- Heavy unit drives droppers very quickly and efficiently
- Solid steel handles and slug are welded together, giving greater strength
- \* Warning wear safety goggles user and bystander

Part Number	Description	Weight
5SDSH	8kg Star Dropper Hammer	8.68kg

## STAR DROPPER REMOVER



### Star Dropper Remover

- Used for removing star droppers (also called star pickets or fencing droppers)
- Also used for removing selected pipes and steel pegs
- Made from high tensile steel for durability and long life
- Gripper bites efficiently into dropper for easy extraction
- Long handle for excellent leverage
- Correctly heat treated to best suit product application
- \* Warning wear safety goggles user and bystander

Part Number	Description	Weight
5SDR	Star Dropper Remover	8.06kg

## TARPAULINS



### Medium Duty Blue Tarps

Polytuf Medium Duty Poly Tarps provide a great value option for short term or light to medium duty applications. They are ideal for ground sheets, wind breaks, sand pit covers and temporary cargo covers.



Part No.	Description
B46	Tarpaulin Blue 1.2m x 1.8m
B57	Tarpaulin Blue 1.5m x 2.1m
B710	Tarpaulin Blue 1.8m x 2.4m
B720	Tarpaulin Blue 2.4m x 3.0m
B732	Tarpaulin Blue 3.0m x 3.7m
B745	Tarpaulin Blue 3.7m x 4.9m
B772	Tarpaulin Blue 3.7m x 6.1m
B750	Tarpaulin Blue 4.9m x 6.1m
B760	Tarpaulin Blue 5.5m x 7.3m
B762	Tarpaulin Blue 6.1m x 9.1m
B764	Tarpaulin Blue 6.1m x 12.2m



### Heavy Duty Green Tarps

Polytuf Heavy Duty Green tarps are designed for medium to heavy duty applications. They are ideal for equipment covers, temporary shelters and medium duty cargo covers.



Part No.	Description
P710	Tarpaulin Green 1.8m x 2.4m
P720	Tarpaulin Green 2.4m x 3.0m
P730	Tarpaulin Green 2.7m x 3.7m
A771	Tarpaulin Green 3.0m x 5.5m
A740	Tarpaulin Green 3.7m x 4.3m
A772	Tarpaulin Green 3.7m x 6.1m
A763	Tarpaulin Green 3.7m x 6.7m
A744	Tarpaulin Green 4.3m x 5.5m
A750	Tarpaulin Green 4.9m x 6.1m
A760	Tarpaulin Green 5.5m x 7.3m
A762	Tarpaulin Green 6.1m x 9.1m
A759	Tarpaulin Green 7.3m x 9.1m



### Extra Heavy Duty Tarps

Polytuf Heavy Duty Silver/Black tarps are the first choice for serious tradespeople. They are ideal for heavy duty or hard wearing applications such as trailer covers, equipment covers, cargo covers, roof repairs and 2nd storey extensions.



Part No.	Description
SB68	Tarpaulin Silver/Black 1.8m x 2.4m
SB810	Tarpaulin Silver/Black 2.4m x 3.0m
SB1012	Tarpaulin Silver/Black 3.0m x 3.7m
SB1216	Tarpaulin Silver/Black 3.7m x 4.9m
SB1220	Tarpaulin Silver/Black 3.7m x 6.1m
SB1420	Tarpaulin Silver/Black 4.3m x 6.1m
SB1620	Tarpaulin Silver/Black 4.9m x 6.1m
SB1822	Tarpaulin Silver/Black 5.5m x 6.7m
SB2020	Tarpaulin Silver/Black 6.1m x 6.1m
SB2024	Tarpaulin Silver/Black 6.1m x 7.3m
SB2030	Tarpaulin Silver/Black 6.1m x 9.1m
SB2430	Tarpaulin Silver/Black 7.3m x 9.1m
SB3030	Tarpaulin Silver/Black 9.1m x 9.1m
SB3040	Tarpaulin Silver/Black 9.1m x 12.2m
SB3050	Tarpaulin Silver/Black 9.1m x 15.2m
SB4050	Tarpaulin Silver/Black 12.2m x 15.2m
SB5050	Tarpaulin Silver/Black 15.2m x 15.2m
SB100100	Tarpaulin Silver/Black 30.5m x 30.5m





### Ultra Heavy Duty D-Ring Tarps

Polytuf Heavy Duty D-Ring tarps are the preferred choice of many campers. The ultra heavy duty material combined with D-ring tie down make them suitable for use with telescopic uprights as well as for high wind applications where a significant amount of tie-down force is applied to the D-rings.

Part No.	Description
SD68	Tarpaulin Silver/Black D-Ring 1.8m x 2.4m
SD810	Tarpaulin Silver/Black D-Ring 2.4m x 3.0m
SD812	Tarpaulin Silver/Black D-Ring 2.4m x 3.7m
SD816	Tarpaulin Silver/Black D-Ring 2.4m x 4.9m
SD1012	Tarpaulin Silver/Black D-Ring 3.0m x 3.7m
SD1212	Tarpaulin Silver/Black D-Ring 3.7m x 3.7m
SD1216	Tarpaulin Silver/Black D-Ring 3.7m x 4.9m
SD1220	Tarpaulin Silver/Black D-Ring 3.7m x 6.1m
SD1224	Tarpaulin Silver/Black D-Ring 3.7m x 7.3m
SD1420	Tarpaulin Silver/Black D-Ring 4.3m x 6.1m
SD1624	Tarpaulin Silver/Black D-Ring 4.9m x 7.3m
SD1824	Tarpaulin Silver/Black D-Ring 5.5m x 7.3m
SD2024	Tarpaulin Silver/Black D-Ring 6.1m x 7.3m
SD2030	Tarpaulin Silver/Black D-Ring 6.1m x 9.1m
SD2430	Tarpaulin Silver/Black D-Ring 7.3 x 9.1m
SD3036	Tarpaulin Silver/Black D-Ring 9.1m x 11.0m

### TROWELS - BRICK



#### Brick Trowel - 305mm Broad Heel

- Taper ground blade
- Soft grip comfort handle
- Hardened and spring tempered carbon steel blade
- High lift for extra knuckle clearance
- Optimised handle angle to reduce wrist strain

Product Code: SJ-10112SF

### TROWELS - PLASTER



#### Plasterers Float - 330mm x 117mm

- Unique radiused corners - no more digging in
- Protective lacquer coating on blade for rust resistance
- Hardened and tempered stainless steel blade
- Cross ground for easy material flow and reduced drag
- Pre-worn edges to eliminate line and ripple marks in the work
- Soft grip comfort handle

Product Code: SJ-13458BISF



Product Code: SJ-MATTFG

### PICKS



Product Code: SJ-1570AL

### GARDEN FORKS



Product Code: SJ-PK

### MATTOCKS



Product Code: SJ-6659BS

### SECATEURS



Product Code: SJ-8210RS

### LOPPERS



Product Code: SJ-8240RS

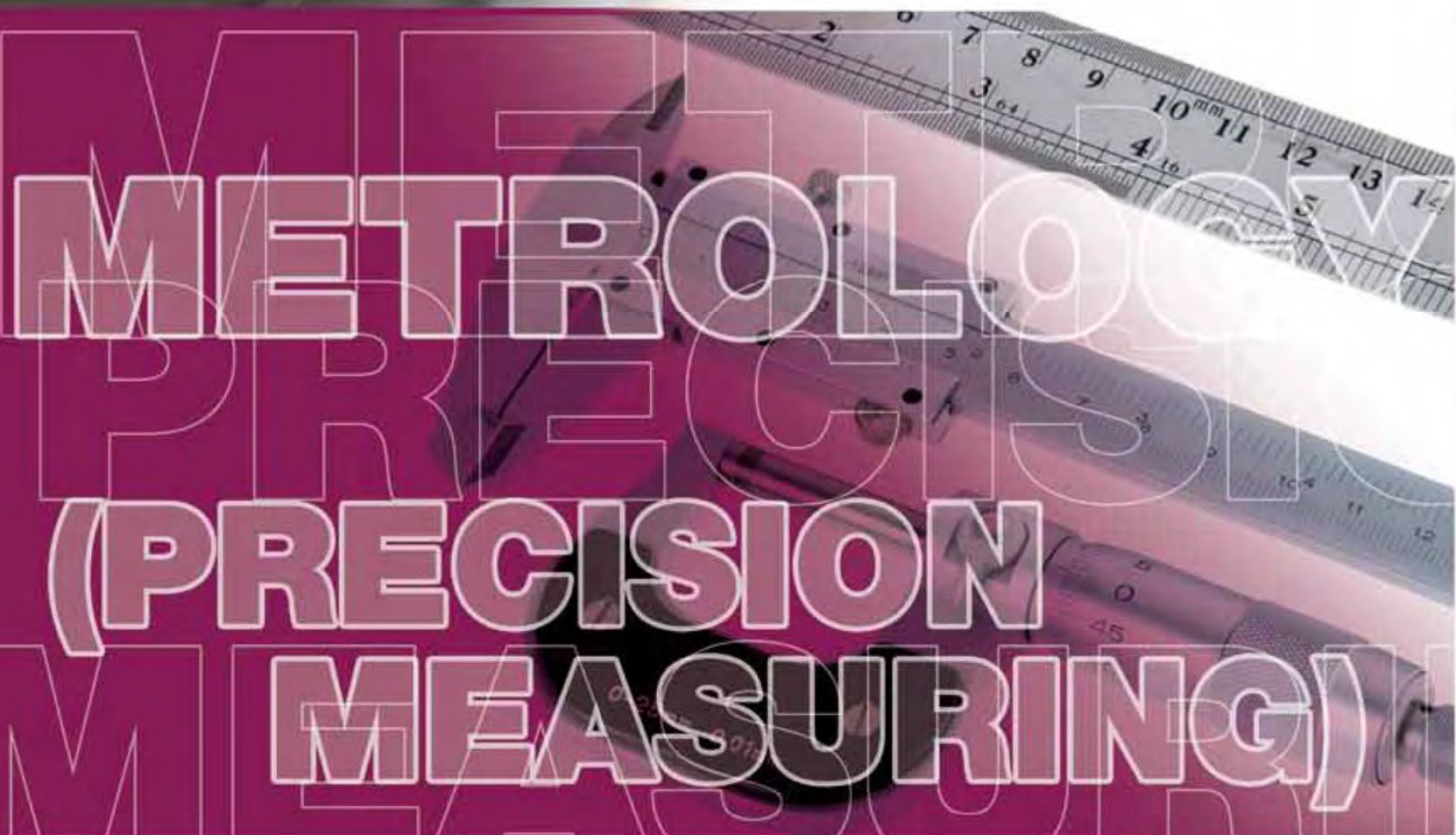
### HEDGE SHEARS

Contact your nearest  
ISG Member  
for more varieties.





# METROLOGY (PRECISION MEASURING)



## CALIPERS



### Calipers - Outside Spring Joint

- Manufactured from polished tool steel
- Bow spring ensures even tension
- Centrally mounted adjustment screw
- \*Nominal size is the distance between the roller and the working ends of the legs



Product Code	Size
MW-52/4	100mm
MW-52/6	150mm

Product Code	Size
MW-52/8	200mm
MW-52/10	250mm



### Inside and Outside Calipers

- Stainless steel with spring joint for precision settings
- Legs pivot on a roller and are tensioned



Inside Calipers		
Part No.	Description	Length
51100	Solid Nut	100mm
51150	Solid Nut	150mm
51200	Solid Nut	200mm
51250	Solid Nut	250mm
51300	Solid Nut	300mm

Outside Calipers		
Part No.	Description	Length
52100	Solid Nut	100mm
52150	Solid Nut	150mm
52200	Solid Nut	200mm
52250	Solid Nut	250mm
52300	Solid Nut	300mm



### Calipers - Inside Spring Joint

- Manufactured from polished tool steel
- Bow spring ensures even tension
- Centrally mounted adjustment screw
- \*Nominal size is the distance between the roller and the working ends of the legs



Product Code	Size
MW-51/4	100mm
MW-51/6	150mm

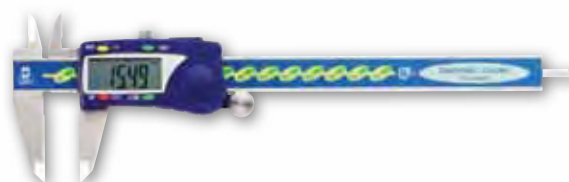
Product Code	Size
MW-51/8	200mm
MW-51/10	250mm

## CALIPERS - DIGITAL



### Calipers - Digitronic

- Water and Coolant resistant IP54
- Standard: DIN:862 Absolute function caliper
- 4 way measurement with data output
- Functions: mm/inch zero set - ABS/INC setting



Product Code	Size
MW-110-15WR	0-150mm/0-6"
MW-110-20WR	0-200mm/0-8"
MW-110-30WR	0-300mm/0-12"



## CALIPERS - VERNIER



### Calipers - Vernier Precision

- Standard: Din:862
- 4 way measurement metric and imperial model
- Made from hardened stainless steel
- Chromed scale and laser etched micro lapped measuring faces

Product Code	Size
<b>MW-110-15I</b>	0-150mm/0-6"
<b>MW-110-20</b>	0-200mm/0-8"
<b>MW-110-30</b>	0-300mm/0-12"

**Starrett**



### Vernier Caliper

- Lock screw
- Hardened stainless steel depth rod
- Sharp black graduations on satin chrome bar

Part Number	Description	Range
<b>125MA-150</b>	Vernier Caliper .02mm Graduation	0-150mm
<b>125MA-200</b>	Vernier Caliper .02mm Graduation	0-200mm
<b>125MA-300</b>	Vernier Caliper .02mm Graduation	0-300mm
<b>125MB-150</b>	Vernier Caliper .05mm Graduation	0-150mm
<b>125MB-200</b>	Vernier Caliper .05mm Graduation	0-200mm
<b>125MB-300</b>	Vernier Caliper .05mm Graduation	0-300mm
<b>125MEA-6/150</b>	Vernier Caliper .02mm and .001in Grad	0-150mm/0-6"
<b>125MEA-8/200</b>	Vernier Caliper .02mm and .001in Grad	0-200mm/0-8"
<b>125MEA-12/300</b>	Vernier Caliper .02mm and .001in Grad	0-300mm/0-12"
<b>125MEB-6/150</b>	Vernier Caliper .05mm and 1/128in Grad	0-150mm/0-6"
<b>125MEB-8/200</b>	Vernier Caliper .05mm and 1/128in Grad	0-200mm/0-8"
<b>125MEB-12/300</b>	Vernier Caliper .05mm and 1/128in Grad	0-300mm/0-12"

**Starrett**



### Vernier Caliper

- Lock Screw
- Hardened stainless steel depth rod
- Sharp black graduations on satin chrome bar

Part Number	Description	Range
<b>1251MA-300</b>	Vernier Caliper .02mm Graduation	0-300mm
<b>1251MA-500</b>	Vernier Caliper .02mm Graduation	0-500mm
<b>1251MA-600</b>	Vernier Caliper .02mm Graduation	0-600mm
<b>1251MA-1000</b>	Vernier Caliper .02mm Graduation	0-1000mm
<b>1251MEA-12/300</b>	Vernier Caliper .02mm & .001in Grad	0-300mm/0-12"
<b>1251MEA-20/500</b>	Vernier Caliper .02mm and .001in Grad	0-500mm/0-20"
<b>1251MEA-24/600</b>	Vernier Caliper .02mm and .001in Grad	0-600mm/0-24"
<b>1251MEA-40/1000</b>	Vernier Caliper .02mm and .001in Grad	0-1000mm/0-40"

**Starrett**



### Electronic Caliper

- Resolution: .0005"/0.01mm
- Inch/millimetre conversion
- Zero at any position
- Automatic shut-off after 5 minutes of non-use
- Large easy to read LCD
- Lock screw

Part Number	Description	Range
<b>799-6/150</b>	Electronic Digital Caliper	0-150mm / 0-6"
<b>799-8/200</b>	Electronic Digital Caliper	0-200mm / 0-8"
<b>799-12/300</b>	Electronic Digital Caliper	0-300mm / 0-12"

**Starrett**



### Coolant Proof Electronic Caliper

- IP67 level of protection against coolant, water, dirt and dust
- Inch/mm conversion
- Data output
- Large easy to read LCD
- Hardened stainless steel
- Zero at any position
- Depth rod
- Fine adjustment
- Manual on/off, plus automatic shut-off after 30 minutes of non-use

Part Number	Description	Range
<b>798-6/150</b>	Coolant Proof Caliper .0005"/0.01mm Resolution	0-150mm
<b>798-8/200</b>	Coolant Proof Caliper .0005"/0.01mm Resolution	0-200mm
<b>798-12/300</b>	Coolant Proof Caliper .0005"/0.01mm Resolution	0-300mm

**Starrett**



### Dial Caliper

- Knife edge jaw
- Fine adjustment roller
- Locking screws
- Depth rod

Part Number	Description	Range
<b>1201M-150</b>	Dial Caliper .01mm Graduation	0-150mm
<b>1201M-200</b>	Dial Caliper .01mm Graduation	0-200mm
<b>1202M-150</b>	Dial Caliper .02mm Graduation	0-150mm
<b>1202M-200</b>	Dial Caliper .02mm Graduation	0-200mm
<b>1202M-300</b>	Dial Caliper .02mm Graduation	0-300mm
<b>1202-6</b>	Dial Caliper .001in Graduation	0-6"
<b>1202-8</b>	Dial Caliper .001in Graduation	0-8"
<b>1202-12</b>	Dial Caliper .001in Graduation	0-12"



# METROLOGY (PRECISION MEASURING)

## DIVIDERS - SPRING



### Dividers - Spring Joint

- Manufactured from polished tool steel
- Points hardened to over 550Hv
- Bow spring ensures even tension
- Centrally mounted adjustment screw
- \*Nominal size is the distance between the roller and the points



Product Code	Size	Product Code	Size
MW-50/4	100mm	MW-50/8	200mm
MW-50/6	150mm	MW-50/10	250mm



### Spring Dividers

- Stainless steel with spring joint for precision settings
- Legs pivot on a roller and are tensioned



Part No.		
50100	Solid Nut	100mm
50150	Solid Nut	150mm
50200	Solid Nut	200mm
50250	Solid Nut	250mm
50300	Solid Nut	300mm

## GAUGES - DIAL BORE



### Dial Bore Gauge

- Supplied with interchangeable carbide tipped anvils
- Chrome plated insulation tube with insulated grip
- Centralised guides for precise location within a bore
- Jewelled bearings for sensitivity and are also furnished with bezel-mounted tolerance hands



Part Number	Graduation	Range
3089M-181-10J	0.01mm	6-10mm
3089M-181-18J	0.01mm	10-18mm
3089M-181-35J	0.01mm	18-35mm
3089M-181-50J	0.01mm	35-50mm
3089M-181-160J	0.01mm	50-160mm
3089M-181-250J	0.01mm	160-250mm
3089M-181-450J	0.01mm	250-450mm
3089Z-131-715J	0.0005"	0.7-1.5"
3089Z-131-1424J	0.0005"	1.4-2.4"
3089Z-131-26J	0.0005"	2-6"

## GAUGES - DEPTH



### Depth Gauge

- Graduation: 0.01mm
- Satin chrome finish that resists rust
- Adjustable measuring rods
- Ring type lock nut



Part Number	Description	
440MZ-75RL	63.5mm Base, 3 Rods, Supplied in a case	0-75mm
440MZ-150RL	63.5mm Base, 6 Rods, Supplied in a case	0-150mm
440MZ-225RL	63.5mm Base, 9 Rods, Supplied in a case	0-225mm
445MBZ-75RL	100mm Base, 3 Rods, Supplied in a case	0-75mm
445MBZ-150RL	100mm Base, 6 Rods, Supplied in a case	0-150mm
445MBZ-225RL	100mm Base, 9 Rods, Supplied in a case	0-225mm



### Electronic Digital Depth Gauge

- Reliable and accurate for measurements to 0.01mm (0.0005")
- Instant inch/mm conversion
- Hardened stainless steel body and slide for long life
- Fine adjustment thumb wheel
- Sharp, easy to read LCD display
- Lock to hold the slide in position



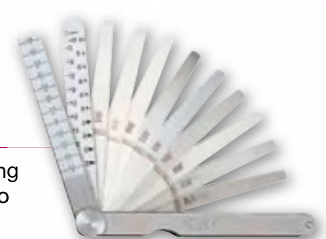
Part Number	Description	Range
3753A-6/150	Electronic Digital Depth Gauge	150mm / 6"
3753A-8/200	Electronic Digital Depth Gauge	200mm / 8"
3753A-12/300	Electronic Digital Depth Gauge	300mm / 12"

## GAUGES - TAPER



### Engineers Taper Wire Thickness Gauge

- The gauge measures 1/2" wide x 4 3/4" long (12.7 x 120mm) and has a locking device to lock any leaf or leaves in position

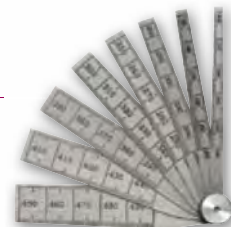


Part Number	Description
245	With Taper Gauge, English Standard Wire Gauge and 9 Inch Reading Thickness Gauge Leaves



### Taper Gauge

- This gauge is for determining hole sizes in dies and all kinds of other work
- Made of tempered steel with a locking device for fixing any leaf in position for use
- Graduation: 0.02mm



Part Number	Range	Length	Leaves
269MA	2-12mm	64mm	10



### Taper Gauge

- Accurately tapered throughout entire length for quick and easy measurement of widths



Part Number	Range	Width	Length
270	0.3-4mm (0.010-0.150")	11mm (7/16")	160mm (6 1/4")



## DIAL - INDICATORS



### Dial Indicators

- Standard: DIN:878
- Shockproof satin chromed body with tungsten carbide measuring tip
- Double dial indicator for measuring mm stroke
- Adjustable scale with stop screw

Product Code	Size
<b>MW-400-02</b>	0-1mm
<b>MW-400-04</b>	0-5mm
<b>MW-400-06</b>	0-10mm



### Dial Indicators

- All dial diameters have a 57mm face except for: (cat. no. 3081-481/5) which has a 43mm face
- Supplied with tolerance hands and bezel lock
- All indicators supplied with lugbacks

Part Number	Graduation	Range	Dial Reading
<b>3025-257J</b>	0.001mm	1mm	0-200
<b>3025-481/5</b>	0.01mm	5mm	0-100
<b>3081-481/5</b>	0.01mm	5mm	0-100
<b>3025-481</b>	0.01mm	10mm	0-100
<b>3025-681</b>	0.01mm	20mm	0-100



### Dial Test Indicators

- Supplied in case with two dovetail attachments and body clamp
- Dial Test Indicators meet or exceed DIN Standard
- Reversible contact point direction for versatility
- Precision, gear driven design with smooth, jewelled movement
- For extreme accuracy we recommend positioning the lever contact so that it is approximately 15° from being horizontal with the work piece

Part Number	Graduation	Range	Dial Reading
<b>3808MA</b>	0.002mm	0.2mm	0-100-0
<b>3809MA</b>	0.01mm	0.8mm	0-40-0
<b>3809A</b>	0.0005"	0.30"	0-15-0



### Electronic Indicator

- Large easy to read LCD Display
- AGD group 2 size
- Reverse travel (± control indicates direction)
- Zero setting at any position
- 9.5mm stem
- Lug-on-centre-back + additional flat back
- Dust cap
- Long battery life

Part Number	Graduation	Range
<b>3600-5</b>	.01mm / .0005"	12.7mm / 1/2"



## LEVELS - MACHINIST'S



### Machinist's Level

- Ground and graduated main vials
- All with cross test vials except the 4" (100mm) model, ensuring simultaneous levelling in both directions
- Features an involute groove along the length of the base making it suitable for pipe work



Part Number	Length
<b>98-4</b>	100mm / 4"
<b>98-6</b>	150mm / 6"
<b>98-8</b>	200mm / 8"
<b>98-12</b>	300mm / 12"
<b>98-18</b>	150mm / 18"

## LEVELS - PRECISION



### Precision Level

- Main vials have seven graduations on each side of the bubble
- Auxiliary level vial shows lateral position and assists in horizontal setting
- Special alloy iron used to obtain freedom from thermal effects
- One division equals 0.02mm/M or (0.0005") of an inch per foot



Part Number	Length
<b>3097Z</b>	200mm

## MAGNETIC BASE



### Dial Gauge Holders

Part No.	Description
<b>DG61003</b>	NOGAFLEX Dial Gauge Holder with articulated arm. 3 Dimensional holder accepts 6mm, 8mm, 3/8", dovetail and bag lug. Fine adjustment on top with universal swivel clamp.
<b>NF1030</b>	NOGAFLEX Test Indicator Holder with articulated arm. 3 Dimensional holder accepts 8mm test & dial indicators & dovetail. Fine adjustment on the base.
<b>PH2040</b>	NOGA Economical Dial Gauge Holder. Single direction fine adjustment at the base. Strong arm lock via a 3 points clamp. Holds 6mm, 8mm, 3/8", dovetail and bag lug.



# METROLOGY (PRECISION MEASURING)



## Magnetic Indicator Stand

- Powerful on/off magnetic base (magnetic force 80kg)
- Fine adjustment feature
- Universal model for indicators with or without "lug" or back plate
- Accepts dial test indicators, digital indicators and normal indicators

Product Code: MW-475-01



## Starrett

### Mini Magnetic Base

- Positive On/Off switch
- Three adjustable pivots controlled by a single knob
- Horizontal and vertical mounting positions
- Will hold any indicator with a 3/8" (9.5mm) stem or standard dovetail mount
- Very fine adjustment thumb screw

Part Number	Description
660	Mini Magnetic Base Indicator Holder



## Starrett

### Magnetic Base

- Magnetic base with upright base post, snug, rod, indicator attachment and snug complete - 6.4mm (1/4") and 9.5mm (3/8") holes
- Fine adjustment thumb screw

Part Number	Description
3657AA	Magnetic Base with attachments A/B/C/D/E/F

## Starrett

### Micrometer

- Carbide measuring face
- Ratchet stop and lock nut
- Balanced frame and thimble design



Part Number	Description	Range
436.1XRL-1	Micrometer .001in Graduation	0-1"
436.1XRL-2	Micrometer .001in Graduation	1-2"
T436.1XRL-1	Micrometer .0001in Graduation	0-1"
T436.1XRL-2	Micrometer .0001in Graduation	1-2"
436.1MXRL-25	Micrometer 0.01mm Graduation	0-25mm
436.1MXRLSZ-50	Micrometer 0.01mm Graduation	25-50mm
V436.1MXRL-25	Micrometer 0.001mm Graduation	0-25mm
V436.1MXRLSZ-50	Micrometer 0.001mm Graduation	25-50mm

## Starrett

### Electronic Digital Micrometer

- On/off button and automatic off after 30 minutes of non-use
- Inch/millimetre conversion (imperial model only)
- Carbide measuring faces
- Ability to zero tool at any position



Part Number	Description	Range
3732XFL-1	Resolution 0.00005in M/E	0-1"
3732MEXFL-25	Resolution 0.001mm Metric Only	0-25mm

## Starrett

### Anvil Micrometer

- Interchangeable anvils
- Satin chrome finish - no glare - resists rust



Part Number	Description	Range
224MAARLZ	Anvil Micrometer 0.01mm Graduation	0-100mm
224MARLZ	Anvil Micrometer 0.01mm Graduation	50-150mm
224MDRLZ	Anvil Micrometer 0.01mm Graduation	300-400mm
224MERLZ	Anvil Micrometer 0.01mm Graduation	400-500mm
224MGRLZ	Anvil Micrometer 0.01mm Graduation	150-300mm
224MJRLZ	Anvil Micrometer 0.01mm Graduation	500-600mm

## Starrett

### Inside Micrometer

- Interchangeable anvils
- Insulated rods
- Hardened and ground anvils



Part Number	Description	Range
124MAZ	Inside Micrometer 0.01mm Graduation	50-200mm
124MBZ	Inside Micrometer 0.01mm Graduation	50-300mm
124MCZ	Inside Micrometer 0.01mm Graduation	200-800mm
124MDZ	Inside Micrometer 0.01mm Graduation	50-800mm

## MICROMETERS



### Micrometer - Outside

- Standard: DIN:863
- Tapered frame for easier access
- Tungsten carbide measuring faces and satin chromed scale
- Constant force ratchet with insulated grip



Product Code	Size
MW-200-01	0-25mm
MW-200-02	25-50mm
MW-200-03	50-75mm
MW-200-04	75-100mm





### Tubular Inside Micrometer

- Interchangeable anvils
- Graduation: 0.01mm



Part Number	Description	Range
823MAZ	With 6 rods and handle	40-200mm
823MBZ	With 8 rods and handle	40-300mm
823MEZ	With 10 rods and handle	100-1000mm



### Precision Ground Engineer's Squares

- Recommended where extreme accuracy is required

Product Code	Size
RFF412	50mm
RFF413	75mm
RFF414	100mm

Product Code	Size mm
RFF416	150mm
RFF419	225mm



## SQUARES - ENGINEERS



### Squares - Engineers

- Standard BS939 - Workshop grade "B"
- Precision ground blade and stock
- Blind riveted construction
- Hardened and tempered blades



Product Code	Size
MW-400/4	100mm
MW-400/6	150mm
MW-400/9	225mm
MW-400/12	300mm



### Engineering Squares

- Manufactured to BS939 - Grade B
- Hardened spring steel blade



Part No.	Blade Length	Description
SSA2	50mm	Length from beam edge to blade end
SSA3	75mm	Length from beam edge to blade end
SSA4	100mm	Length from beam edge to blade end
SSA6	150mm	Length from beam edge to blade end
SSA8	200mm	Length from beam edge to blade end
SSA10	250mm	Length from beam edge to blade end
SSA12	300mm	Length from beam edge to blade end
SSA4G	100mm	Graduated blade
SSA6G	150mm	Graduated blade



# PACKAGING & TAPES



## BALLPOINT PENS

**uni POWER TANK**



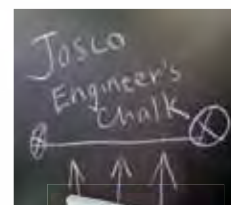
### Heavy-Duty Retractable Ballpoint Pen

A pressurised ink delivery system enables the PowerTank pens to continue writing upside down, in extreme cold (up to minus 20 degrees), on shiny surfaces, wet paper and even underwater.

Ink Colour	Tip	Ball	Product Code
Black	Stainless Steel	1.0mm diameter	SN220MBK
Blue	Stainless Steel	1.0mm diameter	SN220MBL

## CHALK - ENGINEER'S

**Josco**



### Engineer's Chalk

Used in the engineering and allied industries, these economical high quality sticks produce a semi-permanent wax-like mark on steel and other metals and can also be used on stone and masonry.

Part Number	Description
JECHALK1010	80mm x 10mm x 10mm (box 50)
JECHALK1005	80mm x 10mm x 5mm (box 100)

## BLADES - RAZOR

**Sterling**



### Single Edge Blades

- Finest quality blades made in USA
- Precision ground and honed to give a perfect scraping edge
- The blade demanded by glazing and cleaning professionals

Product Code: 30-112 – Box of 100

## KNIVES – FIXED

**Sterling**



### Shark Fixed Trimming Knife

- Ergonomic 'Fish' style knife for superior grip and control
- Quick release 'dial' for fast, easy blade changes
- Strong and light cast aluminium
- Supplied with plastic belt holster

Product Code: 105-2



## KNIVES – POCKET FOLDING

**Sterling**



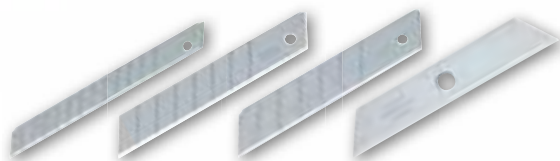
### Quickloc Folding Knife

- Comfortable rubber grip
- Handy belt clip on back
- Secure blade locking
- Ideal for trades and industry

Product Code: 3033

## KNIVES - REPLACEMENT BLADES

**OLFA**

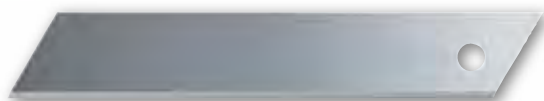


### OLFA Replacement Blades

Superior quality due to the finest quality tool steel and a multi-step production process. Each OLFA blade is made to ensure the best balance of high sharpness and longest blade life.

Part No.	Description	Application	Part No.	Description	Application
1919	AB-10B	Std	9021	HB-5B	Extra H/D
8774	AB-50	Std	3949	SKB-2	Safety
1927	LB-10B	H/D	47110	SKB-2/50B	Safety
5522	LB-50	H/D			

**Sterling**



### 18mm Snap Blades

- Highest quality blade manufactured in Sheffield, England
- 3 stage grinding for superior sharpness and durability
- The most popular Snap-Off blades in industry
- Also available in 50 pack and 9mm and 25mm width

Product Code: 201-4 – Tube of 10

**STANLEY**

**STANLEY**  
**FatMax**



### FatMax® 18mm Blades 5 pack

5 pack. 25% stronger elements divisible by 8 parts.

Part Number: 11.718

**STANLEY**



### 1991 – Regular Duty Knife Blade

Regular Duty utility blade for light sheet materials, paper and cardboard.

Part Number	Description	Length	Thickness
0.11.911	5/Card	51mm	.43mm
11.911A	100/Dispenser	51mm	.43mm

**STANLEY**

### 1992 – Heavy Duty Utility Blade

For general purpose cutting. Precision-honed edge for consistent and extended cutting life. Fits most standard utility knives.

Part Number	Description	Length	Thickness
11.921A	100/Dispenser	62mm	.61mm



**STANLEY**

**STANLEY**  
**FatMax**



### FatMax® Blade Packs

Part Number	Description
11.700	5 Pack
11.700T	10 Pack
11.700A	100 Pack

**Sterling**



### Heavy Duty Blades

- Safety dispenser of 100
- Manufactured in Sheffield, England
- The most popular universal trimming blade
- Also available in dispenser of 10 and pack of 5

Product Code: 921-2D – Dispenser of 100

## KNIVES – RETRACTABLE

**Sterling**



### Autoloading Knife with Rubber Grip

- 5 blade magazine automatically reloads blades
- Front loading with safety button
- Heavy duty all metal construction
- Unique shape for superior grip and control
- 5 BONUS blades in handle

Product Code: 112-1

**Sterling**



### Ultra-Grip Retractable Knife

- Popular Sterling retractable knife
- Ribbed body for improved grip
- Ultra-Lap design above/below blade for superior strength and to prevent injury
- Available in Grey with 3 extra blades

115-2Y / 115-2BY – with 3 extra blades



# PACKAGING & TAPES

**Sterling**



## Fastlock Heavy Duty Retractable Knife

- Bent style for superior grip and control
- Cast zinc construction for super strength
- Comfortable rubber grip
- Comes in handy belt holster

**Product Code: 117-2**

**Sterling**



## Fluro Retractable Knife

- Super value All-Metal construction
- Easy find fluro colours
- Ideal for any cutting applications

**Product Code: 119-2D**

**STANLEY**

**STANLEY FatMax**



## FatMax® Retractable Knife

Designed for repetitive heavy duty use. Push button blade change. Comfortable and safe.

**Part Number: 10.778**

**STANLEY**



## Classic 99 Retractable Utility Knife

Handle length: 152mm. Interlocking nose to hold blade securely. Multi-position blade slide. Blade storage in handle. Includes 3x 11.921 Heavy Duty utility blades

**Part Number: 10.099**

## KNIVES - SAFETY

**OLFA**



## SK-4 OLFA Safety Knife

Spring loaded blade. Automatically retracts when not in use. Eliminates injuries while cutting. Replacement blades: SKB-2, RSKB-2.

Part Number	Description	Application
3946	SK-4	Safety

**OLFA**



## SK-9 OLFA Safety Knife

Safety knife with auto-retracting blade, built in metal pick and gently curved body. Replacement blades: SKB-2, RSKB-2.

Part Number	Description	Application
41908	SK-9	Safety

**Sterling**



## Safety Ultra-Grip Self Retracting Knife

- Automatic blade retracting system
- Suitable for both left and right handed users
- Ribbed body with Suregrip design to prevent slipping
- Safety orange
- Takes range of standard and safety point blade

**Product Code: 115-1YR**

**Sterling**



## SideSlide Safety Cutter

- Auto-retracting system prevents injuries
- Side slide mechanism easily reversible for left handed users
- Ergonomic symmetrical design for easy use and control

**Product Code: 412-1**

**Sterling**



## Tusk II Safety Carton Opener

- Enclosed blade to prevent contact with sharp edges
- Tape slitter on back for opening cartons
- Finger screw for easy blade changes
- For cutting seatbelts, shrink wrap, plastic strapping, etc.

**Product Code: 441-1**

**STANLEY**



## Utility Blade Safety Knife

Spring loaded and auto-retract blade. No tools blade change plus reversible.

**Part Number: 10.785**

**STANLEY**



## Razor Blade Safety Knife

Spring loaded auto-retract blade, no tools blade change. Reversible, accepts standard razor blade.

**Part Number: 10.786**

**STANLEY**



## Spring Back Metal Safety Knife

Auto retracting blade, 3 sided slider button. Supplied with safety blade.

**Part Number: 10.781**

**STANLEY**



## Retractable Hood Safety Knife

Throwaway. 3 sided slider button plus 3 step safety cutting. Box tape splitter.

**Part Number: 10.783**

**STANLEY**



## Pocket Safety Cutter

2 Sided Slider Button. Supplied with safety blade. Portable and easy to carry.

**Part Number: 10.784**



## KNIVES – SAFETY SLITTER

**Sterling**

### Safety Slitter

- Enclosed blade prevents injuries
- Large finger hole for ease of use
- Ideal for opening cartons, slitting film, bubble wrap, tape, etc.

Product Code: 325



## KNIVES - SNAP BLADE

**OLFA**



### 180 Black Standard OLFA cutter

Most popular standard cutter. Metal handle with pocket clip/blade snapper. Unbeatable for economy and quality. Replacement blades: AB, ABB.

Part Number	Description	Application
1732	180 Black	Standard

**OLFA**



### SVR-1 Standard OLFA cutter

Extra thin design with stainless steel blade and handle. With pocket clip/blade snapper. Replacement blades: AB, ABB.

Part Number	Description	Application
1767	SVR-1	Standard

**OLFA**



### 300 Standard OLFA Cutter

A general purpose cutter with a screw locking blade for demanding cutting work. Replacement blades: AB, ABB.

Part Number	Description	Application
1759	300	Standard

**OLFA**



### CL Heavy Duty OLFA Cutter

Utility carton cutter with an adjustable depth guide and built in staple remover. Ideal for packers and shippers. Replacement blades: LB, LBB.

Part Number	Description	Application
1812	CL	Heavy Duty

**OLFA**



### L-1 Heavy Duty OLFA Cutter

OLFA's top selling multipurpose heavy duty cutter. Replacement blades: LB, LBB.

Part Number	Description	Application
1783	L-1	Heavy Duty

**OLFA**



### SL-1 Heavy Duty OLFA Cutter

An award winning cutter with one hand operated tractor blade lock button. Replacement blades: LB, LBB.

Part Number	Description	Application
3703	SL-1	Heavy Duty

**OLFA**



### H-1 Extra Heavy Duty OLFA Cutter

Extra heavy duty cutter with extra thick blade and anti-slip rubber grip. Replacement blades: HB, HBB.

Part Number	Description	Application
8184	H-1	Extra Heavy Duty

**STANLEY**

**FatMax**



### FatMax® Snap-Off Knife

ABS & Bimaterial structure. Broken blade incorporated. Automatic reloading.

Part Number	Size
10.475	9mm
10.486	25mm
10.481	18mm

**Sterling**



### 9mm All Steel Cutter

- All steel body for durability
- Popular style, light and easy to use
- Blade snapper at rear to remove blunt segments

Product Code: 220-1

**Sterling**



### 9mm Auto Lock Cutter

- Refined 9mm autolock cutter for professional use
- Stainless steel sleeve for long life
- Handy pocket clip on back
- Replacement blades available in carbon and stainless steel

Product Code: 330-1

**Sterling**



### 18mm Screw Lock Cutter

- Popular traditional style 18mm cutter
- Ergonomic body fits all hands comfortably
- Refined screw lock mechanism
- With blade snapper + 3 BONUS blades

Product Code: 550-1



# PACKAGING & TAPES

**Sterling**



## 18mm All-Metal Snap Cutters

- Metal body and stainless sleeve for ultimate strength
- Comfortable rubber grip
- Strong screw lock or positive autolock styles available

**Product Code: Screwlock 590-1 and Autolock 690-1**

**Sterling**

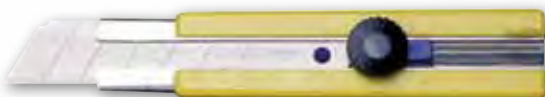


## 18mm Auto Lock Cutter

- Heavy duty
- Metal sleeve
- Convenient positive autolock

**Product Code: 902-1**

**Sterling**



## 25mm X-Wide Screw Lock Cutter

- Extra large extra heavy duty 25mm wide cutter
- Soft grip back prevents slipping
- Secure screw lock
- Replacement blades available

**Product Code: 700-1**

## KNIVES – UTILITY

**KINCROME**



## Folding Lock Back Utility Knife

- Heavy duty
- Quick blade change mechanism
- Complete with belt pouch
- Increased cutting power
- Includes SK5 blades

**Part Number: K060011 (left), K060012 (right)**

## PAINT MARKERS

**Dy-Mark**

## Dy-Mark Paint Markers

- High performance paint markers
- Xylene free, fast dry formula
- Replaceable, heavy duty nibs
- Bold, easy to read marks
- Available in Black, Red, White and Yellow

**Product Code: P10 – medium bullet tip**

**Product Code: P20 – reversible bullet/chisel tip**

**Product Code: P30 – broad chisel tip**

**120710 + colour code**

**120720 + colour code**

**120730 + colour code**



**uniPAINT MARKER**



## Paint Marker - Fine Bullet

Uni Paint markers feature permanent, opaque, oil based colour and will write on virtually any surface.

Ink Colour	Nib	Line Width	Product Code
Black	Bullet	0.8 - 1.2mm	PX21BK
Blue	Bullet	0.8 - 1.2mm	PX21BL
Gold	Bullet	0.8 - 1.2mm	PX21GD
Pink	Bullet	0.8 - 1.2mm	PX21P
Red	Bullet	0.8 - 1.2mm	PX21R
Silver	Bullet	0.8 - 1.2mm	PX21S
White	Bullet	0.8 - 1.2mm	PX21WH
Yellow	Bullet	0.8 - 1.2mm	PX21Y

**uniPAINT MARKER**



## Paint Marker - Medium Bullet

Uni Paint markers feature permanent, opaque, oil based colour and will write on virtually any surface.

Ink Colour	Nib	Line Width	Product Code
Black	Bullet	2.2 - 2.8mm	PX20BK
Blue	Bullet	2.2 - 2.8mm	PX20BL
Gold	Bullet	2.2 - 2.8mm	PX20GD
Green	Bullet	2.2 - 2.8mm	PX20GN
Orange	Bullet	2.2 - 2.8mm	PX20OR
Pink	Bullet	2.2 - 2.8mm	PX20P
Red	Bullet	2.2 - 2.8mm	PX20R
Silver	Bullet	2.2 - 2.8mm	PX20S
White	Bullet	2.2 - 2.8mm	PX20WH
Yellow	Bullet	2.2 - 2.8mm	PX20Y

**uniPAINT MARKER**



## Paint Marker - Broad Chisel

Uni Paint markers feature permanent, opaque, oil based colour and will write on virtually any surface.

Ink Colour	Nib	Line Width	Product Code
Black	Chisel	4.0 - 8.5mm	PX30BBK
Blue	Chisel	4.0 - 8.5mm	PX30BBL
Red	Chisel	4.0 - 8.5mm	PX30BR
White	Chisel	4.0 - 8.5mm	PX30BWH
Yellow	Chisel	4.0 - 8.5mm	PX30BY



## PACKAGING - PERMANENT MARKERS



### Dy-Mark Duo Permanent Marker

- Xylene free, fast dry formula
- Reversible bullet/chisel tip
- Suitable for marking on wood, plastics, metals and cardboard

Product Code: 120910 + colour code



### Dy-Mark D10 Industrial Marker

- Permanent marker suitable for surfaces that need a long lasting mark
- Fast dry, smear resistant ink
- Reversible bullet/chisel tip
- Suitable for marking on wood, plastics, metals and cardboard
- Ideal for the mining, manufacturing and metal fabrication industries

Product Code: 12081001



### FatMax® Xtreme™ Permanent Markers

Available in fine and chisel tip. Durable Chisel Tip – writes fine and wide lines. Quick drying water resistant ink.

Part Number	Description	Type
47.312	Fine Tip - 2 Pack	Fine Tip
47.314	Chisel Tip - 2 Pack	Chisel Tip



### Permanent Marker - No.520 Bullet Tip

- Alcohol based
- Xylene free
- Fast drying
- Waterproof

Ink Colour	Nib	Line Width	Product Code
Black	Bullet Shaped	1.0 - 3.0mm	520BK
Blue	Bullet Shaped	1.0 - 3.0mm	520BL
Red	Bullet Shaped	1.0 - 3.0mm	520R



### Permanent Markers - No.580 Chisel Tip

- Alcohol based
- Xylene free
- Fast drying
- Waterproof

Ink Colour	Nib	Line Width	Product Code
Black	Chisel Shaped	1.0 - 5.0mm	580BK
Blue	Chisel Shaped	1.0 - 5.0mm	580BL
Red	Chisel Shaped	1.0 - 5.0mm	580R



### Super Ink Permanent Marker

Newly developed pigment ink marker for writing on most surfaces. Ideal for Laundry, Garden, Glass, Plastic, Metal, Paper etc.

- Waterproof
- Fadeproof

Ink Colour	Nib	Line Width	Product Code
Black	Bullet Shaped	0.9mm	PNA125BK

## TAPE - ADHESIVE APPLICATOR



### Scotch® ATG 700 Adhesive Transfer Tape Applicator

- Use with Scotch® ATG Tape 12mm or 18mm wide rolls.
- Covered gears minimizes applicator jams.
- Transparent cover shows remaining tape.
- Holds up to 55m of Scotch® ATG Tapes.
- Touch of the finger triggers quick, controlled application of tape.
- No mess or clean-up, saves time and effort.
- Applies adhesive transfer tape while simultaneously removing and rewinding the liner.

Part Number: 0392605



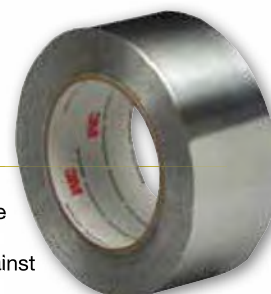
## TAPE - ALUMINIUM FOIL



### Aluminium Foil Tape

- 425 Aluminium Foil Tape 25mm x 55m
- 75 micron backing dead-soft aluminium foil tape with a pressure sensitive acrylic adhesive.
- Excellent heat and light reflection to protect against high temperatures and U.V. degradation.
- Works as a barrier against moisture, dust, flame and chemicals

Part Number	Description
70006385465	425 Aluminium Foil Tape 25mm x 55m
70006385374	425 Aluminium Foil Tape 50mm x 55m

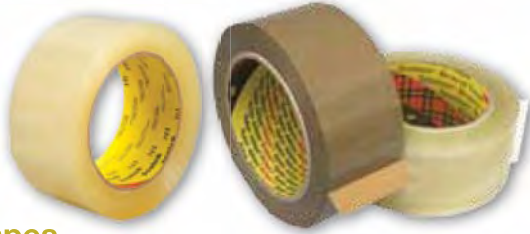




# PACKAGING & TAPES

## TAPE - BOX SEALING

**3M**



### Box Sealing Tapes

- Scotch® Box Sealing Tapes deliver convenience and dependability every time you use them.
- They're built tough to resist score line breaking and centre seam splitting even when boxes are handled roughly.
- Tape dispenses quickly and easily to save you time.
- You can trust 3M to deliver the best tapes available, from trusted brands like Scotch®, available in a range of sizes, both transparent and brown to suit your needs.

Part No.	Description
KT700000369	370 Scotch® Film Box Sealing Tape TRANS 48mm x 75m
KT7000002274	370 Scotch® Film Box Sealing Tape BROWN 48mm x 75m
0405555	371 Scotch® Industrial Box Sealing Tape BROWN 48mm x 75m
0405472	371 Scotch® Industrial Box Sealing Tape TRANS 48mm x 75m
KT7000002340	372 Scotch® Performance Box Sealing Tape BROWN 48mm x 75m
KT7000002423	372 Scotch® Performance Box Sealing Tape TRANS 48mm x 75m
KT7000002894	373 Scotch® High Performance Box Sealing Tape TRANS 48mm X 1000m
KT7000002860	373 Scotch® High Performance Box Sealing Tape TRANS 48mm x 75m
KT7000002878	373 Scotch® High Performance Box Sealing Tape BROWN 48mm x 75m
KT7000002936	375 Scotch® Superior Performance Box Sealing Tape BROWN 48mm x 75m
KT7000002928	375 Scotch® Superior Performance Box Sealing Tape TRANS 48mm x 75m
AT010424482	309 Scotch® Acrylic Adhesive Box Sealing Tape TRANS 48mm x 75m
AT010424490	309 Scotch® Acrylic Adhesive Box Sealing Tape BROWN 48mm x 75m
AT010583014	311 Scotch® Cold Temperature Box Sealing Tape TRANS 48mm x 100m
0402370	313 Scotch® Premium Grade Cold Temperature Box Sealing Tape TRANS 48mm x 75m
0407791	3500 Scotch® Export Quality Polyester Box Sealing Tape TRANS 48mm x 75m
0407783	3500 Scotch® Export Quality Polyester Box Sealing Tape BROWN 48mm x 75m

## TAPE - CLOTH - ALL PURPOSE

**NORTON**

### All Purpose Cloth Tape

Cloth Tape is a general purpose cloth tape that can be used for a wide variety of tasks around the garage, workshop and home. Uses include waterproofing, dust proofing, duct sealing and packaging. High strength and aggressive adhesive makes this an excellent repair tape for many different materials.



Part Number	Colour	Width mm	Length m
AT356880	Black	50	15
AT356881	White	50	15
AT356882	Silver	50	15
AT356883	Red	50	15
AT356884	Green	50	15
AT356885	Yellow	50	15
AT356886	Blue	50	15
AT356887	Tan	50	15

## TAPE - DISPENSER

**3M**



### TI 1756 Scotch® Box Sealing Tape Dispenser

- Convenient, efficient and easy to use for a controlled application of your tape and to improve the speed of your application.
- Efficiency at your fingertips.
- Make the most of your box sealing tapes with a hand-held dispenser designed for easy handling, use with a variety of tapes and widths.

Product Code: 0140269

## TAPE - DUAL FASTENING

**3M**



### Clear Dual Lock

- Clear, polypropylene reclosable fastener with acrylic-based PSA with 250 stems per square inch with clear acrylic tape and clear polyethylene film liner.
- 230 mil engaged thickness.
- 3M™ Dual Lock™ Reclosable Fasteners have been used extensively in transportation, electronics, business equipment, machinery, medical and sign and display markets.
- When the mushroom-shaped stems interlock, tensile strength is high enough to replace mechanical fasteners in many applications, yet you can readily open and close Dual Lock fasteners hundreds of times.
- High temperature and solvent resistant.
- Clear, polypropylene reclosable fastener with a clear VHB™ Tape pressure sensitive 250 stems per square inch

Part Number	Description
70070428381	SJ3560 CLEAR DUAL LOCK 25mm x 45.7m 2/CTN

## TAPES - DUCT

**3M**

### Performance Plus Cloth Duct Tape

- Black 48mm x 54.8m
- 8979 provides clean removal with little or no sticky adhesive residue for up to 6 months from most opaque surfaces.
- Sunlight/UV and water resistant. Lasts 1 year without degrading.
- Tape construction consists of high tensile cloth and aggressive adhesive.
- Designed for permanent and temporary applications.
- Good for permanent and temporary applications, indoors and out.
- Sunlight/UV and water resistance allows for clean removal from most opaque surfaces.
- Meets UL723.
- Adhesive material natural and synthetic rubber
- Backing material polyethylene film over cloth scrim
- Tensile strength lb/in (N/100 mm) 36 (643)
- Thickness 12.6 Milli-inch (Mil)

Product Code: 70006356037





## TAPE - ELECTRICAL

**NORTON**

### Electrical Tapes

- PVC general purpose electrical tape.
- Strong and flexible.
- Outstanding adhesion.



Part No.	Cat. No.	Colour	Width mm	Length m
AT233005	504B	Black	18	20
AT233013	504B	White	18	20
AT233021	504B	Red	18	20
AT233064	504B	Blue	18	20
AT233072	504B	Yellow/Green	18	20

## TAPE - FILAMENT

**3M**

### Filament Tapes

- High performance.
- Polyester backing reinforced with continuous glass yarn.
- Typical 380 lb/inch width tensile strength with high shear adhesive for low unit cost heavy duty closure of hard-to-adhere or high recycled fiberboard.



Part Number	Description
70006138062	8981 Scotch® High Performance Glass Filament Tape TRANS 24mm x 55m
0349274	8981 Scotch® High Performance Glass Filament Tape TRANS 18mm x 55m
70006120086	897 Scotch® General Purpose Filament Tape TRANS 25mm x 55m

## TAPE - GAFFA

**3M**

### 3M™ Cloth Gaffa Tape

- General purpose, waterproof, cloth tape with easy tear and unwind.
- Ideal for general repairs, sealing, bundling and binding applications.



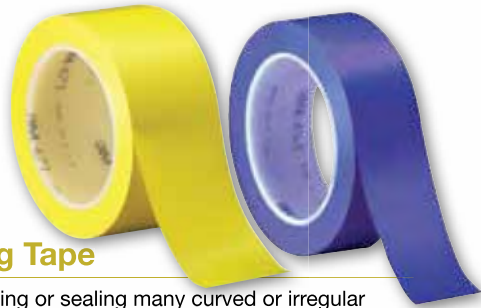
Part Number	Description
AT010565813	1910C 3M™ Cloth Gaffa Tape BLACK 48mm x 10m
AT010565839	1910C 3M™ Cloth Gaffa Tape BLACK 48mm x 50m

## TAPE - LINE MARKING

**3M**

### PVC Lanemarking Tape

- Ideal for masking, wrapping or sealing many curved or irregular surfaces, excellent for many lane and safety marking applications, ideal for color coding, abrasion protection, decoration and splicing applications.
- Adhesive Material - Rubber Resin
- Backing Material - Pigmented vinyl plastic



Part Number	Description
AT019196057	471 PVC Lanemarking Tape Yellow 12mm x 33m
70016040472	471 PVC Lanemarking Tape Blue 6.3mm x 33m
70016033733	471 PVC Lanemarking Tape Blue 12.7mm x 33m

## TAPE - MASKING

**NORTON**

### General Purpose Masking Tape

- Light strength paper tape for general purpose applications like wrapping, bundling, sealing, temporary holding and craft work.
- Can be used for non-critical paint masking; remove within 24 hours.



Part No.	Cat. No.	Colour	Width mm	Length m
AT193399	244	Cream	18	50
AT193402	244	Cream	24	50
AT193410	244	Cream	36	50
AT193453	244	Cream	48	50

**3M**

### Scotch® Masking Tape

- Superior performance for critical paint masking, produces clean line paint edges up to 121°C.
- Natural coloured crepe paper with a rubber adhesive, with excellent conformability and handling properties makes 2308 an excellent 'all rounder'.
- Suitable for paint masking, bundling and sealing.



Part Number	Description
70006281391	2308 Scotch® Masking Tape 48mm x 50m
0410019	2308 Scotch® Masking Tape 36mm x 50m
0410001	2308 Scotch® Masking Tape 24mm x 50m
70006281367	2308 Scotch® Masking Tape 18mm x 50m

**3M**

### Masking Tape

- Natural 0.135mm crepe paper with a rubber adhesive suitable for non critical masking, bundling and holding applications.
- Tape features good adhesion and removability, with a beige coloured crepe paper with a rubber adhesive.



Part Number	Description
70006297280	2214 Masking Tape 18mm x 50m 24 RLS/CTN
70006297298	2214 Masking Tape 24mm x 50m 24 RLS/CTN
70006297306	2214 Masking Tape 36mm x 50m 24 RLS/CTN
70006297314	2214 Masking Tape 48mm x 50m 24 RLS/CTN

## TAPE - PACKAGING

**NORTON**

### Polypropylene Packaging Tape

- For packaging, wrapping and bundling tasks.



Part No.	Cat. No.	Colour	Width mm	Length m
AT384658	N50	Brown	48	75
AT384666	N50	Clear	48	75



# PACKAGING & TAPES

## TAPE - SEALING & JOINING

**NORTON**



### PVC Sealing and Joining Tape

- For most general purpose joining, holding and non-critical applications.
- Moisture resistant.

Part No.	Cat. No.	Colour	Width mm	Length m
AT298026	515	Silver	48	30

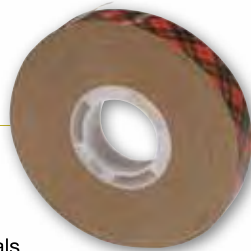
## TAPE - TRANSFER

**3M**

### 924 Scotch® General Purpose

- 12.5mm x 32.9m
- 0.05mm, 400 acrylic adhesive.
- General purpose adhesive transfer tape used with 3M™ Scotch® ATG 700 Adhesive Applicator.
- Bond similar and dissimilar materials such as metals, glass, wood, papers, paints, and many plastics.
- Thickness: 0.05mm
- Maximum operating temperature: 82°C
- Plasticizer resistance: Low
- Solvent resistance: Medium
- UV resistance: High

Part Number: 0392589

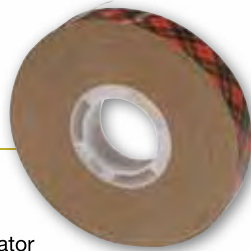


**3M**

### 926 Scotch® High Performance

- 12mm x 16.4m
- 0.13mm, 350 acrylic adhesive.
- High performance adhesive transfer tape.
- Used with 3M™ Scotch® ATG 700 Adhesive Applicator
- Ideal for applications requiring high bond strength, high shear strength and high temperature performance.

Part Number: 0258814



## TAPE - WEATHERPROOFING

**NORTON**

### Flashtac Aluminium Tape

- Versatile bituminous self-adhesive backed aluminium tape for sealing, flashing and weatherproof repairs.
- Provides lasting protection against all types of weather conditions.
- Bituminous adhesive sticks to most surfaces.
- Flashtac has excellent conformability.
- Aluminium can be painted.



Part No.	Cat. No.	Colour	Width mm	Length m
AT190144	414-S	Silver	48	10
AT190136	414-S	Silver	72	10
AT190128	414-S	Silver	96	10
AT190101	414-S	Silver	144	10
AT010014	414-S	Silver	216	10
AT216623	414-S	Silver	288	10

**For all your  
STRAPPING,  
BUCKLES,  
& TOOLS  
WRAPPING FILM,  
BUBBLE WRAP  
& TOOLS  
contact your  
ISG member**







## ADHESIVES - AEROSOL



### Industrial Aerosol Adhesives



- 3M Industrial aerosol adhesives offer bonding power at the touch of a finger.
- Our job-matched formulations offer premium performance to paper, plastic, foam, metal and more.
- Many 3M industrial aerosol adhesives feature an adjustable spray nozzle to control the spray pattern and minimise overspray.
- Ideal markets - Furniture/upholstery, clothing, graphic arts, POS display manufacturing, commercial vehicle.

Part Number	Description
<b>CS040671094</b>	Hi-Tack Spray Adhesive 515g
<b>62499649259</b>	80 Rubber & Vinyl Spray Adhesive 539g
<b>AB010560394</b>	73 Photomount™ Spray Adhesive 276g
<b>0395590</b>	75 Repositionable Spray Adhesive 276g
<b>62494249212</b>	90 Hi-Strength Spray Adhesive 471g
<b>AS010574049</b>	Super 77™ Spray Adhesive 467g
<b>CS040669726</b>	74 Foam Fast Adhesive Spray 489g

## ADHESIVES - EPOXY & ACRYLIC



### Scotch-Weld™ Epoxy and Acrylic Adhesives

- Load-bearing adhesives have high cohesive strength to bond high strength materials and replace mechanical fasteners.
- Ideal for bonding metal, wood, rubber, ceramic, composites, engineering grade plastics, glass and more.



Part Number	Description
<b>0412098</b>	DP810 Scotch-Weld™ Low Odour Acrylic Adhesive 50mL
<b>0411264</b>	DP8005 Scotch-Weld™ Structural Plastic Adhesive 35mL
<b>0254664</b>	DP110 Scotch-Weld™ Adhesive 50mL

## ADHESIVE - GLAZING



### Sikaflex®-265

Sikaflex®-265 is a 1-component elastic high-performance direct glazing adhesive with gap-filling capabilities based on humidity curing polyurethane technology. Sikaflex®-265 is manufactured in accordance with ISO 9001 / 14001 quality assurance system and the responsible care program.

#### Areas of Application:

Sikaflex®-265 is designed for direct glazing, general bonding and sealing applications. Good tooling properties and the enhanced weathering resistance allows use for exposed joints.

This product is suitable for professional experienced users only. Test with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

Part Number	Colour	Size
<b>FLX22S0202</b>	Black	600 ml

## ADHESIVE - GUN



### Sika® Adhesive Gun

- 37 cm barrel gun to suit 600ml sausages
- Dispenses 600ml sausages or 300ml cartridges
- Lightweight 50mm diameter aluminium barrel
- 12:1 gearing mechanism provides high mechanical advantage, easily dispensing hard or difficult sealants, caulks or adhesives
- Effortless trigger action enhances operator efficiency and allows for smooth full strokes
- Balanced design and profiled handgrip provide for comfortable use by all hand sizes



**Product Code: GUN-S37**



# ADHESIVES, SEALANTS & FILLERS

## ADHESIVES - HOT MELT



### Scotch-Weld™ Hot Melt Adhesives

- 3M Scotch-Weld™ hot melt adhesives are solid resins that become fluid when heated and quickly wet the bonding surface.
- They cool, harden and reach bond strength in seconds, allowing you to move assemblies immediately to keep production flowing.
- Helps eliminate clamps, fixturing and drying, saving time, energy and space.

Part Number	Description
<b>XT006238353</b>	1762 Scotch-Weld™ Hotmelt Adhesive 25kg
<b>AS010580913</b>	1762 Scotch-Weld™ Hotmelt Adhesive 5kg
<b>0286229</b>	3762 TC-Q Scotch-Weld™ Hotmelt Adhesive 5kg
<b>62372091322</b>	3762 LM-Q Scotch-Weld™ Hotmelt Adhesive 5kg
<b>62376491320</b>	3764 TC-Q Scotch-Weld™ Hotmelt Adhesive 5kg
<b>0286211</b>	3738 TC-Q Scotch-Weld™ Hotmelt Adhesive 5kg
<b>0323672</b>	3792 LM-Q Scotch-Weld™ Hotmelt Adhesive 5kg



### 3M™ Scotch-Weld™ Nitrile High Performance Rubber and Gasket Adhesive 847

- Develops strong flexible bonds very rapidly to a wide variety of substrates, including many plastics and rubbers, gasketing materials and leather.
- Has exceptional resistance to most fuels and oil.
- Heat and solvent reactivatable. Curable with heat.
- Application method - Flow, brush
- Colour - Brown
- Bonding range - Up to 15 minutes
- No Volatile Organic Compounds (VOCs)
- Size: 946ml

Part Number: 0346155



### 3M™ Scotch-Weld™ Nitrile High Performance Plastic Adhesive 1099

- Excellent for bonding most vinyl extrusions and sheeting. Also bonds many fabrics.
- Fast drying and heat curable Nitrile adhesive
- Air dried bonds have high strength, resist weathering, water, oil and fuel.
- Application method - Brush, flow
- Bonding range - Up to 40 minutes
- Colour - Light tan

Part Number: 0346189



## ADHESIVES - HOT MELT - APPLICATORS



### 3M Hot Melt Applicators

- A range of applicators which provide a fast, practical way to meter, mix and apply 3M™ Scotch-Weld™ adhesives. At 3M we specifically develop applicators for the most efficient use of our products, so you can be sure the applicator will get the job done right, the first time.
- AE II = Low Volume
- LTQ = Low Melt, Medium Volume
- TCQ = Medium Volume

Part Number	Description
<b>AS010563752</b>	Scotch-Weld™ AE II Hot Melt Glue Gun Applicator
<b>0384602</b>	Scotch-Weld™ LT-Q Hot Melt Applicator
<b>0384610</b>	Scotch-Weld™ TCQ Hot-Melt Applicator

## ADHESIVES - INSTANT



### Scotch-Weld™ Instant Adhesives CA40

- A high viscosity, instant adhesive for rubbers and elastomers.
- Good adhesion to most cured rubbers, aluminium, flexible vinyl and plastics.
- Very high strength
- Colour - Yellow

Part Number: 62380303305



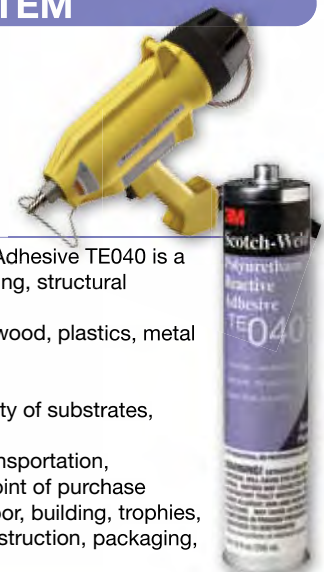
## ADHESIVES - PUR SYSTEM



### 3M™ Scotch-Weld™ Polyurethane Reactive (PUR) Easy 250 Adhesive System

- 3M™ Scotch-Weld™ Polyurethane Reactive Adhesive TE040 is a one-component, 100% solids, moisture curing, structural adhesive for bonding various substrates.
- Wide range of adhesives for bonding most wood, plastics, metal and glass
- Dispensed using PUR Easy 250 Applicator.
- Fast set time, strong flexible bonds for variety of substrates, 100% solids.
- For woodworking, furniture, automotive, transportation, aerospace, general industrial, upholstery, point of purchase display, sample boards, military, window, door, building, trophies, novelties, audio components, cabinets, construction, packaging, electronics and product assembly.

Part Number	Description
<b>62389852385</b>	TE040 Scotch-Weld™ Poly Reactive Adhesive Off White
<b>62986598308</b>	Scotch-Weld™ PUR Easy 250 Cartridge Applicator
<b>62387652381</b>	Scotch-Weld™ TE030 PUR Adhesive 295.7mL



## ADHESIVES - INDUSTRIAL



### Scotch-Weld™ Industrial Plastic Adhesive

- A clear, general purpose adhesive that dries rapidly.
- Has excellent resistance to plasticisers, water, detergent, and soap solutions.
- Can be used to bond many ceramics, glass, leather, cloth and vinyls to themselves and a wide variety of substrates.
- Application method - Flow
- Bonding range - Up to 10 minutes
- 4475 Scotch-Weld™ Industrial Plastic Adhesive 150ml

Part Number: 0159509



## ADHESIVE - SEALANTS - MARINE



### Sikaflex®-295 UV

Sikaflex®-295 UV is a one-component polyurethane adhesive of paste-like consistency that cures on exposure to atmospheric moisture to form a durable elastomer.

Sikaflex®-295 UV is manufactured in accordance with the ISO 9001/14001 quality assurance system and meets the regulations set out by the International Maritime Organisation (IMO).

**Areas of application:** Sikaflex®-295 UV has been specially developed for the marine industry, where it is used to bond and seal plastic glazing materials in boats and ships. Because of its excellent UV-resistance this product can also be used to seal joints in areas of severe exposure. Seek advice from our Technical Service before using Sikaflex®- 295 UV on thermoformed plastics.

**Suitable substrates include:**

- Aluminum (bright or anodized)
- GRP (polyester resin)
- Stainless steel - Timber
- 2-C coatings
- Plastic glazing materials (PC, PMMA)

**Benefits:**

- One-component formulation
- Fast cure time
- Short cut-off string
- Approved for the OEM market
- Resistant to ageing and weathering
- Suitable for organic glasses

Part Number	Colour	Size
FLX17C0105A	White	300 ml
FLX17C0102A	Black	300 ml

## CONCRETE REPAIR



### Epoxy Coating

Supatuff Heavy Duty Epoxy Coating (HD) is a high solids, high build, epoxy-based coating which provides excellent chemical and abrasion resistance to steel, concrete, timber and other surfaces. This product can also be used to prepare easy-clean floor surfaces for a wide range of industrial and commercial applications. It can be applied at low temperatures (minimum 5°C) and also over slightly damp concrete surfaces to produce a very hard wearing, colourful surface suitable for heavy foot traffic and rubber-tired vehicles. The exceptional resistance to a wide variety of chemical spillage and fumes makes Supatuff Heavy Duty Epoxy Coating (HD) ideal for use in heavy industrial or marine environments.

Part Number	Description	Size
E992827	Supatuff Heavy Duty (HD) Epoxy Coating - Neutral	16 Litre
E992850	Supatuff Heavy Duty (HD) Epoxy Coating - Neutral	8 Litre
E951377	Heavy Duty Epoxy Backing Grout 5137	10kg
E951372	High Early Strength Epoxy Backing Grout (5137HES)	10kg



### Mortar Binder



General Purpose Epoxy Mortar Binder (133) is a multipurpose epoxy binder suitable for a wide variety of applications. It is a solvent free epoxy mortar or concrete binder designed for applications demanding high structural integrity with a proven history of success.

Part Number	Description	Size
E901332	General Purpose Epoxy Mortar Binder 133	4 Litre
E901333	General Purpose Epoxy Mortar Binder 133	1 Litre
E901334	General Purpose Epoxy Mortar Binder 133	20 Litre
E901344	133 AR Acid Resistant Mortar Binder	20 Litre



### Non Sag Epoxy

A solventless, non-sag epoxy mortar binder for bonding new to old concrete and making concrete repairs. EpiRez 633 is suitable for application to overhead, vertical or inclined surfaces which can be applied to damp or wet surfaces.

Part Number	Description	Size
E991609	Rapid Strength Instant Grout	15kg
E906332	Non Sag Epoxy Mortar Binder 633	4 Litre
E906333	Non Sag Epoxy Mortar Binder 633	20 Litre
E906334	Non Sag Epoxy Mortar Binder 633	1 Litre
E991675	Episet Structural Adhesive Gun Grade 8242	600ml
E991605	Highway Patch Rapid Set Mortar Repair	15kg



### Epoxy Mastic Primer



A high build epoxy primer specially formulated to provide good adhesion and protection to poorly prepared steel surfaces. It provides an anti-corrosion protective barrier to structural steel surfaces subject to ultra-violet weathering, industrial pollution and precipitation. EpiRez Epoxy Mastic Metal Primer may be coated with various EpiRez topcoats.

Part Number	Description	Size
E902154	Epoxy Mastic Metal Primer 215	1 Litre
E991102	Clean Up Solvent	4 Litre
E993002	Epoxy Thinner No.3	4 Litre

## EPOXY - ALUMINIUM & STEEL REPAIR



### Devcon

This product is an aluminium filled epoxy putty for dependable, non-rusting repairs to aluminium equipment and castings. It may be machined, drilled or tapped.



Part Number	Description	Size
D10610	Devcon Aluminium Putty F	500g
DS-220	Plastic Welder Dev-tube	25ml
D19770	Fasmetal 10, Aluminium Filled Bonding and Patching	184g



# ADHESIVES, SEALANTS & FILLERS



## Plastic Steel

This product is a steel-filled putty epoxy for routine maintenance, repairs, tooling, and production applications. Plastic Steel Putty does not require special tools, heat or pressure, and once set can be drilled, tapped, machined and painted.

Part Number	Description	Size
D10110	Plastic Steel Putty A	500g
D10120	Plastic Steel Putty A	1.5kg
D10210	Plastic Steel Liquid B	500g
D10240	Plastic Steel 5 Minute Putty	500g
D10250	Plastic Steel 5 Minute Putty	250g
DS-5	Devcon Plastic Steel Epoxy 2 Tubes	57g

## EPOXY - STAINLESS STEEL REPAIR



## Stainless Steel Putty

A stainless steel filled epoxy putty for patching, repairing and rebuilding stainless steel processing equipment. This product may be used where hygiene and corrosion resistance is important.

Part Number	Description	Size
D10270	Stainless Steel Putty	450g

## EPOXY - TITANIUM REPAIR



## Titanium Putty

The technically advanced epoxy formulation of Titanium Putty makes this product the high performer of metal filled epoxies. It is engineered for making critical repairs to machinery and precision parts.

Part Number	Description	Size
D10760	Titanium Putty Precision Repair Epoxy	450g

## EPOXY - WET SURFACE REPAIR



## Wet Surface Putty

This is an outstanding epoxy that will cure and bond in wet conditions and even under water at temperatures as low as 4°C. It is non-shrinking and non-rusting with exceptional tensile and compressive strength making it ideal for the marine industry. Wet Surface Repair Putty is ideal to use where it is not possible to get parts and equipment completely dry.

Part Number	Description	Size
D11800	Wet Surface Repair Putty	500g

## EPOXY - WEAR RESISTANT



## Wear Guard

This product is a high performance epoxy compound containing micro-high-alumina ceramic beads for wear and abrasion protection of equipment conveying fine particles. It can be trowelled to form a smooth surface and can be applied to vertical or overhead surfaces.

Part Number	Description	Size
D11410	Wear Resistant Putty WR2	500g
D11405	Wear Guard Fine Load	4kg
D11400	Wear Guard Fine Load	10kg
D11464	Wear Guard High Impact	4kg
D11460	Wear Guard High Impact	10kg
D11450	Combo Wear Fast Cure (FC)	4kg

## EPOXY - CARBIDE-PUMP REPAIR



## Carbide Putty

This is an extremely tough epoxy compound filled with silicon carbide granules up to 2mm in diameter. Carbide Putty is capable of withstanding impact and abrasion from slurry to pulverized mineral particles of 2mm.

Part Number	Description	Size
D10050	Carbide Putty	1.5kg

## EPOXY - CERAMIC REPAIR



## Ceramic Repair

Ceramic-reinforced composite protective epoxy coating providing a protective barrier against wear, abrasion, corrosion, erosion and chemical attack on processing equipment such as pumps, hoppers and tanks.

Part Number	Description	Size
D11760	Brushable Ceramic Red	1kg
D11765	Brushable Ceramic Blue	1kg
D11705	Devcon Ceramic Repair Putty	500g
D11700	Devcon Ceramic Repair Putty	1.5kg

## CLEANER - SURFACE



## Surface Cleaner

The Cleaner Blend 300 is a safe multipurpose, non-trichloroethane degreaser for use on heavy grease and oil deposits on metal.

Part Number	Description	Size
D19515	Devcon Surface Cleaner	1 Litre



## LOCTITE ADHESIVES, SEALANTS & LUBRICANTS

**LOCTITE**

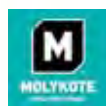


### LOCTITE ADHESIVES

As an adhesive innovator, Henkel offers a range of quality liquids, pastes, aerosols, putties and gels, each specifically designed to meet any number of industrial and automotive applications. From bonding auto trim, to sealing weatherstripping, to repairing broken grilles, there's a Loctite® adhesive or sealant for all of your repair needs.

Part Number	Description	Product Code	Pack Sizes
<b>40124-25LOC</b>	Loctite - 401 Instant Adhesive	25ML 401	3g, 25ml, 100ml, 500ml
<b>40633-25LOC</b>	Loctite - 406 Instant Adhesive	25ML 406	25ml, 100ml, 500ml
<b>45404LOC</b>	Loctite - 454 Instant Adhesive	3G 454	3g, 20g, 200g
<b>22220LOC</b>	Loctite - 222 Super Screw Lock	10ML 222	10ml, 50ml, 250ml
<b>21320LOC</b>	Loctite - 243 Super Nut Lock	10ML 243	10ml, 50ml, 250ml
<b>26220LOC</b>	Loctite - 262 Super Stud Lock	10ML 262	10ml, 50ml, 250ml
<b>29020LOC</b>	Loctite - 290 Threadlocker	10ML 290	10ml, 50ml, 250ml
<b>25344LOC</b>	Loctite - 542 Hydraulic Sealant	10ML 542	10 ml, 50ml
<b>56747ALOC</b>	Loctite - 567 Master Pipe Sealant	50ML 567	6ml, 50ml, 250ml
<b>19259LOC</b>	Loctite - 577 H/P Pipe Sealant	50ML 577	50ml, 250ml
<b>51531ALOC</b>	Loctite - 515 Gasket Eliminator	50ML 515	6ml, 50ml, 300ml Cartridge
<b>17820LOC</b>	Loctite - 518 Master Gasket	6ML 518	25ml, 50ml, 300ml Cartridge
<b>25555ALOC</b>	Loctite - 510 Gasket Eliminator	50ML 510	50ml, 250ml Tube
<b>30013LOC</b>	Loctite - 609 Super Retaining Compound	10ML 609	10ml, 50ml, 250ml
<b>21314LOC</b>	Loctite - 641 Super Bearing Mount	10ML 641	10ml, 50ml, 250ml
<b>66010ALOC</b>	Loctite - 660 Quickmetal	6ML 660	6ml, 50ml
<b>28182ALOC</b>	Loctite - 771 Nickel Antisieze	28G 771	12 (28g), 10 (454g)
<b>21356LOC</b>	Loctite - 7471 Primer T	125G 7471	125g Aerosol, 2 litre
<b>32468LOC</b>	Loctite - E20HP Structural Adhesive	50ML E-20HP	5+5 Gallon Pails, 50ml, 400ml
<b>32487LOC</b>	Loctite - E30CL Structural Adhesive	50ML E-30CL	5+5 Gallon Pails, 50ml, 400ml

All Loctite products listed above are also available in other pack sizes.



**DOW CORNING**



### SILASTIC SEALANTS & MOLYKOTE LUBRICANTS FROM DOW CORNING

Part Number	Description	Product Code	Colour
<b>139ML732BLACK</b>	Silicone - Silastic 732 RTV Adhesive/Sealant	3138364	Clear, White, Black, Aluminium
<b>310G747BLACK</b>	Silicone - Silastic 747 RTV Adhesive/Sealant	2800535	Clear, White, Black
<b>310G1080BLACK</b>	Silicone - Adhesive	1708953	Clear, White, Black
<b>300ML736</b>	Silicone - Sealant 736 RTV - Heat Resistant	2086433	Red

Molykote® high-performance lubricants from Dow Corning help reduce friction and wear, extend lubrication time and reduce maintenance and replacement costs in applications that would defeat conventional oils and greases. Formulated to withstand the rigors of heavy loads, dirty, dusty or chemically harsh environments, temperature and speed extremes, Molykote lubricants are also ideal for normal service lubrication.

<b>100G111</b>	Molykote Valve/O Ring Compound
<b>5KG111</b>	Molykote Valve/O Ring Compound

All Silicone product items listed above are also available in other colours.



# ADHESIVES, SEALANTS & FILLERS

## PRIMER - GLASS



### Sika® Primer 206 G+P

Sika® Primer-206 G+P is a black, moisture-curing liquid primer specifically formulated for the treatment of bond faces and direct glazing work prior to application of the Sika® polyurethane direct glazing adhesives. Sika® Primer-206 G+P is manufactured in accordance with the ISO 9001/14001 quality assurance system and the responsible care program.

#### Areas of Application:

Sika® Primer-206 G+P is used to give improved adhesion on glass and ceramic-coated glass in adhesive bonding applications. Sika® Primer-206 G+P can also be used on other substrates such as plastics and some metals. This product is suitable for experienced professional users only. Test with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

Part Number	Colour	Size
PRI-206G+P-250	Black	250 ml



### Sikaflex®-221

Sikaflex®-221 is a high-quality multi-purpose non-sag 1-C polyurethane sealant that cures on exposure to atmospheric humidity to form a durable elastomer. Sikaflex®-221 is manufactured in accordance with ISO 9001 / 14001, quality assurance system and with the responsible care program.

#### Areas of Application:

Sikaflex®-221 bonds well to a wide variety of substrates and is suitable for making permanent elastic seals of high adhesive strength. Suitable substrate materials are metals, metal primers and paint coatings (2-C systems), ceramic materials and plastics.

Seek manufacturer's advice before using on transparent and pigmented materials that are prone to stress cracking.

This product is suitable for experienced professional users only. Test with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

Part Number	Colour	Size
FLX10C0102	Black	310 ml
FLX10C0104	Grey	310 ml
FLX10C0105	White	310 ml
FLX10S0202	Black	600 ml
FLX10S0205	White	600 ml

## SEALANTS - AUTOMOTIVE



### Sikaflex®-212FC Thixotropic

Sikaflex®-212 FC is a 1-c sealant of paste-like consistency. The product cures on exposure to atmospheric humidity to form a durable elastomer with a Shore A hardness (at 23°C) of approximately 40.

Sikaflex®-212 FC is manufactured in accordance with ISO 9001 / 14001 quality assurance system and with the responsible care program.

#### Areas of Application:

Sikaflex®-212 FC is a universal sealant which is suitable for most sealing applications in industrial commercial vehicle building. The product possesses excellent sealant properties and bonds well to all the materials commonly used in the commercial vehicle industry, e.g. metals, plastics, wood and glass. Sikaflex®-212 FC bonds to itself, and in its fully cured state can be lightly sanded and over-painted.

Part Number	Colour	Size
FLX24C0102	Black	310 ml
FLX24C0105	White	310 ml



### Sikaflex®-227

Sikaflex®-227 is a one-component polyurethane sealant designed for car body construction, curing on exposure to atmospheric moisture to form a durable elastomer. Sikaflex®-227 is manufactured in accordance with the ISO 9001/14001 quality assurance system.

#### Areas of application:

Sikaflex®-227 is suitable for sealing, seam sealing, simple bonding as well as for vibration reduction and sound deadening measures in crash body repair and car body construction. Suitable substrate materials are metal primers and paint coatings (two-part systems), metals, painted plastics and plastics. Seek manufacturer's advice before using on transparent and pigmented materials that are prone to stress cracking.

- OEM approved quality
- Fast overpaintable
- Resistant to ageing
- Low odour
- Can be sanded
- Bonds well to a wide variety of substrates
- Short cut-off string
- Overhead work possible
- Fast curing
- Silicone free

Part Number	Colour	Size
FLX25C0102	Black	310 ml



## SEALANTS - CONSTRUCTION



### Sikaflex®-11FC Construction Adhesive/Sealant

Sikaflex®-11FC is a fast curing one-component polyurethane sealant/adhesive with permanent elasticity.

#### Uses:

As an elastic adhesive for:

- Assembling metal framed buildings.
- Cover plates and coverings.
- Light-weight construction materials.
- Acoustic ceiling tiles.
- Wood, metal or plastic window and door frames.
- Floor mouldings and door sills.

#### As an elastic joint sealant for:

- Sealing joints in concrete, epoxy, stone and quarry tiled floors.
- Sealing joints in roofing and guttering etc.
- Flexible draught proofing.
- Containers, water tanks and silos.
- Excellent pick resistance for applications in shop fronts, prisons, schools, public amenities and buildings.
- Bolted lap joints.
- Sealing penetrations in walls or floors for ducts, piping, etc.
- Sanitary purposes.

Part Number	Colour	Size
<b>FLX02C0102</b>	Black	310 ml
<b>FLX02C0104</b>	Grey	310 ml
<b>FLX02C0105</b>	White	310 ml
<b>FLX02S0204</b>	Black	600 ml

## SEALANTS - MULTIPURPOSE



### Sikaflex®-PRO Construction Sealant

Sikaflex®-PRO is a one component, thixotropic, polyurethane based joint sealant. It cures under the influence of atmospheric moisture to form an elastomeric material with adhesive properties, in some cases without the need for priming of the substrate.

#### As an elastic joint sealant for:

- Expansion joints in buildings and civil structures above and below ground.
- Construction joints.
- Joints in precast concrete elements.
- External walling and cladding joints.
- Infill panel joints.
- Curtain walling.
- Sanitary installations.
- Sealing around window and door frames.
- Flexible draught proofing.
- Sealing penetrations in walls or floors for ducts, piping etc.
- Retaining walls.
- Sealing joints in water retaining structures (water reservoirs)

Part Number	Colour	Size
<b>PROC0102</b>	Black	310 ml
<b>PROC0104</b>	Grey	310 ml
<b>PROC0105</b>	White	310 ml
<b>PROS0204</b>	Grey	600 ml

## URETHANE COMPOUNDS



### Flexane

This product is a liquid version of Flexane 80 Putty. It is a castable, non-shrinking urethane compound for making rugged flexible moulds, forming dies, cast parts, non-scratching holding fixtures and abrasion noise resistant linings. It makes precision moulds that faithfully reproduce detail.

Part Number	Description	Size
<b>D15990</b>	Flexane Accelerator	360ml
<b>D15940</b>	Flex Add, Customize Shore A Hardness	250ml
<b>D15980</b>	Flexane Primer FL10 - Metal	120ml
<b>D15985</b>	Flexane Primer FL20 - Rubber	120ml
<b>D15820</b>	Flexane 80 Putty	450g
<b>D15800</b>	Flexane 80 Liquid	450g
<b>D15810</b>	Flexane 80 Liquid	4.5kg
<b>D15250</b>	Flexane 94 Liquid	450g
<b>D15260</b>	Flexane 94 Liquid	4.5kg
<b>D15350</b>	Flexane Brushable	450g



# JANITORIAL & CLEANING



## AIR FRESHENER



### Tork Pure Air Gentle Aura

- Neutralises rather than just mask odours for better sanitation and hygiene. Also available in Moroccan Sunset.
- Pack Size: 248ml

Product Code: 2170112



## BIN - WASTE



**PALL MALL**

### X Cart

With an extra large, tough nylon bag supported by a collapsible X, and running on four rubber smooth-flow wheels, the X Cart is ideal for collecting desk-to-desk garbage bags or soiled bed linen in a motel or hotel.

Part Number	Description
BSCGARCT	X Cart

## BIN LINERS



### Regal Bin Liners

- General purpose bin liners



Part No.	Description
HDB18	18 litre Bin Liner - 20 rolls x 50
HDB28	28 litre Bin Liner - 20 rolls x 50
HDB36	36 litre Bin Liner - 20 rolls x 50
HDB72	72 litre Bin Liner - 10 packs x 50
LDB72	72 litre Bin Liner - 5 packs x 50
LDB82	82 litre Bin Liner - 5 packs x 50
HDB120	120 litre Bin Liner - 4 packs x 50
HDB240	240 litre Bin Liner - 4 packs x 50



## BINS - DUMPING WASTE

**ACTISAFE** WORKPLACE ERGONOMICS

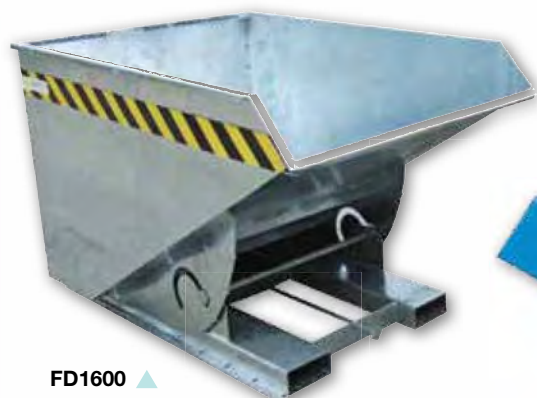
### Actiskip - Waste Dump Bins

A wide range of waste handling products are available to suit every situation. Displayed here are examples of Front Dumping Forklift Mounted Waste Bins and Bottom Empty Forklift Mounted Waste Bins.

Finish options: mild steel; powder coated mild steel; and galvanised stainless steel.



FD352 in action, the operator does not leave the seat.



FD1600 ▲



◀ FD350

BD50/100  
Bottom Empty Forklift  
Mounted Waste Bin  
▼



▲ FD352



Model	Product Description	Size (mm)	Capacity (kg)	Capacity (m3)	Weight (kg)
<b>FD350</b>	H/D Front Dumping Forklift Mounted Waste Bin	1060 x 1190 x 1020 H	500	0.5	170
<b>FD352</b>	H/D Front Dumping Forklift Mounted Waste Bin	1080 x 1300 x 1000 H	500	0.75	210
<b>FD360</b>	H/D Front Dumping Forklift Mounted Waste Bin	700 x 1700 x 1000 H	500	0.5	180
<b>FD600</b>	H/D Front Dumping Forklift Mounted Waste Bin	850 x 1700 x 1000 H	500	0.75	180
<b>FD900</b>	H/D Front Dumping Forklift Mounted Waste Bin	1000 x 1700 x 1000 H	500	1.0	185
<b>FD1100</b>	H/D Front Dumping Forklift Mounted Waste Bin	1100 x 1700 x 1000 H	500	1.2	190
<b>FD1600</b>	H/D Front Dumping Forklift Mounted Waste Bin	1300 x 1700 x 1000 H	500	1.5	200
<b>FD2000</b>	H/D Front Dumping Forklift Mounted Waste Bin	1350 x 1700 x 1000 H	500	2.0	205
<b>BD50</b>	H/D Bottom Empty Forklift Mounted Waste Bin	1350 x 1000 x 710 H	500	0.6	140
<b>BD100</b>	H/D Bottom Empty Forklift Mounted Waste Bin	1350 x 1000 x 1200 H	500	1.2	195



# JANITORIAL & CLEANING

## BROOMS - HOUSEHOLD



### Econosweep Broom

Sturdy indoor broom with 30cm head densely filled with PVC fill for quick and easy sweeping. Comes with 1.35m steel handle for comfortable handling.

Part Number: 711311



### Jiffy Indoor Broom & Handle

Lightweight easy to use broom for all those indoor clean-ups (25cm board).

Part Number: SAB 2505



## BROOMS - INDUSTRIAL



### Commando Broom

Varnished wooden back densely filled with a soft coco and poly mix make these brooms ideal for sweeping of smooth and dusty surfaces. Fit 25mm push-in handle (not included).

Part Number	Size
602314	35cm
602318	45cm
602324	60cm
602330	75cm
602336	90cm



### Medium Stiff Broom Head

Suitable for smooth to rough areas, such as sweeping tiles, pavers, smooth concrete, bitumen, etc. Can be used in wet or dry conditions, and is great for sweeping fine to medium material - dust, sand, or building materials. Reversible head - doubles life. PET/Polypropylene bristles.

350mm - Part Number: SAB 57180

450mm - Part Number: SAB 57182

600mm - Part Number: SAB 57184



### Bassine Broom Head

Suitable for rough surfaces, for use in factories, work shops and rough concrete. Can be used in wet or dry conditions, and is also useful for oily and greasy areas such as mechanics workshops for sweeping fine to medium material - dust, sand, or building materials. Reversible head - doubles life. Natural bassine bristles.

350mm - Part Number: SAB 57186

450mm - Part Number: SAB 57188

600mm - Part Number: SAB 57190



### Extra Stiff Broom Head

Suitable for rough outdoor surfaces, and uneven areas. Can be used in wet or dry conditions, and is perfect for sweeping up heavy building rubbish, hard sand and dust, blue metal, gravel & glass. Reversible head - doubles life. Heavy duty hard PET/Polypropylene bristles.

350mm - Part Number: SAB 57193

450mm - Part Number: SAB 57194

600mm - Part Number: SAB 57195



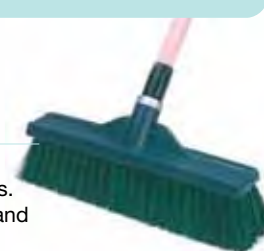
## BROOMS - OUTDOOR



### Garden Master Broom

Heavy duty outdoor broom ideal for all surfaces including pavers, driveways, gutters and large areas. Features tough plastic back filled with stiff poly fill and 1.35m x 25mm wooden handle.

Part Number: 716045



### Angle Broom & Handle

Angled fill for quicker sweep in tight corners. Fill made from 80% recycled plastic. Upright style provides a more ergonomic way to sweep.

Part Number: SAB 57120



## BRUSHES - BOOT CLEANER



### Boot Cleaner

Increase on the job safety and save floor coverings. Heavy duty steel frame with stepping plate provides good stability and allows applying extra pressure to the sides for removing stubborn deposits between the upper and sole. Base size 300 x 490mm.

Part Number: 2000002585



## BRUSHES - HEARTH BRUSH



### Hearth Brush

Wooden back with cinder resistant java fill.

Part Number: 711010



### Workshop Hand Broom

Solid large brush for heavy duty use particularly in workshops and large areas. Soft rubber lip to prevent slippage and easier rubbish collection.

Part Number: SAB 24004







### Coco Fibre Bannister Brush

Brush ideal for sweeping hot coals. Bristle can withstand extremely hot conditions. Lacquered.

**Part Number: SAB 2602**



## BRUSHES - PARTS CLEANING



### Wooden Handled Parts Brush

Long lasting nylon bristles, impervious to general cleaning so vents. Extra fine bristles access the smallest of areas e.g. bearings, O-ring grooves etc.

**Product Code: 70474**



### Parts Washing Brush

Durable, cone shaped nylon bristles help penetrate grease and won't deform. Solid nylon handle

**Product Code: 70720**



### Parts Cleaning Brush

- Handy size, strong and durable
- Compatible with general cleaning solvents
- 260mm x 25mm round parts cleaning brush

**Part Number: 301004**



## BRUSHES - TRUCK CLEANING



### Truck & Caravan Wash Brush Repl Head

Super soft flagged bristles for scratch free cleaning. Fits Sabco Truck & Caravan Wash Brush.

**Part Number: SAB 24011**



### Truck & Caravan Wash Brush

Features a unique telescopic water flow handle that extends to 2.3m in length. Super soft flagged bristles for scratch free cleaning. Comes complete with a snap on hose connector. Fits all standard garden/hose fittings.

**Part Number: SAB 24010**



## CLEANERS - HIGH PRESSURE



### 1300w Electrical Pressure Washer

#### Characteristics

- Aluminium pump
- Flow Rate: 6L/min
- Max Pressure: 1450psi
- Working Pressure: 950psi
- 5m hose
- Variable fan lance
- Draws from bucket (after priming)

**Product Code: SPW112**



### 1400w Pressure Washer

#### Characteristics

- Aluminium pump
- Flow Rate: 6.16L/min
- Max Pressure: 1600psi
- Working Pressure: 1015psi
- 5m hose
- Variable fan lance
- Draws from bucket (after priming)

**Product Code: SPW141**



### 1700w Pressure Washer

#### Characteristics

- Aluminium pump
- Flow Rate: 6.16L/min
- Max Pressure: 1885psi
- Working Pressure: 1450psi
- 5m hose
- Turbo and variable fan lance
- Draws from bucket (after priming)

**Product Code: SPW383**



### 1800w Pressure Washer

#### Characteristics

- Aluminium pump
- Flow Rate: 7L/min
- Max Pressure: 2200psi
- Working Pressure: 2060psi
- 8m hose
- Detergent/fan lance
- Draws from bucket (after priming)

**Product Code: SPW490**



**COMPREHENSIVE RANGE OF ACCESSORIES AVAILABLE**



# JANITORIAL & CLEANING



## 2hp Domestic Petrol Pressure Washer

### Characteristics

- Engine: 2hp
- Flow: 5.7L/min
- Fuel: 2 stroke, 50:1
- Max Pressure: 1300psi
- Working Pressure: 1050psi
- 6m hose
- Stainless steel lance, interchangeable nozzles

Product Code: SPW1300P



## 2.4hp Pressure Washer

### Characteristics

- Engine: 2.4hp OHV Scorpion
- Flow: 7.7l/min
- Max Pressure: 2500psi
- Working Pressure: 1300psi
- Speed: 3600rpm
- 6m hose
- Stainless steel lance, interchangeable nozzles

Product Code: SPW1500P



## 5.5hp Pressure Washer

### Characteristics

- Engine: 5.5hp OHV Torini
- Flow: 7.7l/min
- Max pressure: 2500psi
- Working Pressure: 2200psi
- 6m hose
- Stainless steel lance with interchangeable nozzles

Product Code: SPW2500P



## 6.5hp Pressure Washer

### Characteristics

- Engine: 6.5hp OHV Torini
- Flow: 9.5l/min
- Max pressure: 3600psi
- Working Pressure: 3200psi
- 8m hose
- Stainless steel lance with interchangeable nozzles

Product Code: SPW3600P



## 15hp Pressure Washer

### Characteristics

- Engine: 15hp OHV Torini
- Flow: 18.2l/min
- Max pressure: 4400psi
- Working Pressure: 4000psi
- 8m hose
- Stainless steel lance, interchangeable nozzles
- Heavy duty powder coated folding frame

Product Code: SPW4500P



COMPREHENSIVE RANGE OF ACCESSORIES AVAILABLE



## HD 5/12 C plus Cold Water Electric

- 1740 PSI, 8.3 L/min
- 240 Volt 10 Amp
- Brass pump head
- 10 metre wire braided HP hose
- Ergonomic on/off pistol with 550mm spray lance
- Triple nozzle 0°, 25°, 40° plus detergent

Product Code: 1.514-105.0



## HD 6/15 C Cold Water Electric

- 2175 PSI, 9.3 L/min
- 240 Volt 15 Amp
- Brass pump head
- 10 metre wire braided HP hose
- Ergonomic on/off pistol with 850mm spray lance
- Triple nozzle 0°, 25°, 40° plus detergent

Product Code: 1.150-619.0



## G 4000 OH Cold Water Petrol Driven

- 4000 PSI, 13.5 L/min
- 13 HP Honda GX 390
- Brass pump head
- 15 metres wire braided HP hose
- On/off pistol with stainless steel spray lance
- Snap in nozzles 0°, 15°, 25°, 40°, 65° and detergent

Product Code: 1.194-801.0



## HD 801 B Cold Water Petrol Driven

- 2320 PSI, 10.8 L/min
- 5.5 HP Honda GX 160
- Brass pump head
- 10 metre wire braided HP hose
- On/Off pistol with 550mm spray lance
- Triple nozzle 0°, 25°, 40° and detergent

Product Code: 1.187-101.0







### HDS 551 C Eco Hot/Cold Water Electric

- 2030 PSI, 9.2 L/min
- 240 Volt, 15 Amp
- Brass pump head
- Stainless steel heating coil (3 years warranty)
- 10 metre wire braided HP hose
- On/Off pistol with 550mm spray lance
- Power nozzles 15° and detergent

**Product Code: 1.169-603.0**



### HDS 7/12 4 M Hot/Cold Water Electric

- 1740 PSI, 11.7 L/min
- 240 Volt, 15 Amp
- Brass pump head
- Stainless steel heating coil (3 years warranty)
- 10 metre long life wire braided HP hose
- Ergonomic On/Off pistol with 1050mm spray lance
- Power nozzle 15°, high pressure detergent facility
- Triple nozzle 0°, 25°, 40° plus detergent

**Product Code: 1.077-404.0**



### Budget Pressure Cleaner

Budget, compact Honda petrol – driven pressure cleaner – 2,500 psi @ 9 litres volume per minute.

Trolley mounted and comes complete with gun/lance.

**Part Number: BE2509**



### Light Industrial Cleaner

Single phase, cold water light industrial pressure washer.

Fitted with auto shut down.

The Thunderwash produces 2,100 psi at 8 litres per minute.

The unit comes standard with 8m braided hp hose, a turbo lance and a vario lance.

**Part Number: THUNDERWASH**



### Light Industrial 240V Cleaner

Light industrial hot/cold 240v pressure cleaner. Produces up to 90°c hot water @ 1,600 psi.

The DS1610 has auto stop and is supplied with 1100mm twin lance and 8m h.p hose.

**Part Number: DS1610**



### Heavy Duty Mobile Cleaner

Heavy – duty, mobile industrial pressure washer fitted with a roll-over cage, 13 H.P Honda GX engine; 2:1 reduction gear box and Hawk pump.

**Part Number: HH3017H**



### 18" Large Area Surface Cleaner

18" Plastic whirlaway with wheels for large area surface cleaning.

Greaseable hub for longer life.

**Part Number: BE1800WAW**





# JANITORIAL & CLEANING

## CLEANERS & DEGREASERS



### Air Duster 350g

- Great for use in workshops, the car and around the house
- Reaches tight spots that you just can't reach
- 70 PSI - consistent pressure over the full life of the can
- Dissolves grease, oil and dirt
- Quick drying formula
- Non-conductive, non-corrosive
- Leaves no residue

Product Code: 11083



### All Purpose Cleaner & Degreaser 400g

- Remove grease, oil, dirt and grime
- Citrus foaming action leaves a clean citrus smell
- Professional strength formula

Product Code: 11064



### Contact Cleaner 290g

- Dissolves grease, oil and dirt
- Quick drying formula
- Non-conductive, non-corrosive
- Leaves no residue

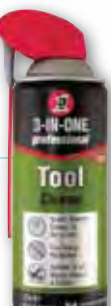
Product Code: 11080



### Tool Cleaner 300g

- Enhances tool performance
- Cleans and removes grease, oil, dirt and dust
- Dries fast and leaves no messy residue
- Ideal for use on both commercial and residential tools

Product Code: 11071



### Citra-Force

A water soluble, industrial strength cleaner and degreaser. Approved to clean harness and fall prevention equipment.



Part Number	Description	Size
CF\PP-0400	Citra-Force Cleaner and Degreaser	400g Aerosol
CF\SP-0750	Citra-Force Cleaner and Degreaser	750ml Spray
CF\0001	Citra-Force Cleaner and Degreaser	1 Litre Bottle
CF\0005	Citra-Force Cleaner and Degreaser	5 Litre Bottle
CF\0020	Citra-Force Cleaner and Degreaser	20 Litre Drum

## CLEANERS & DEGREASERS - CONCENTRATED



### Concentrated Cleaner

#### Features & Benefits:

- Non-toxic and biodegradable
- Non-abrasive and non-flammable
- Mild 9.3-9.5 pH
- Sassafras scent
- Exempt from OHSA & EPA special handling requirements

#### Product Applications:

- Building and grounds maintenance
- Janitorial cleaning: floors, walls, counters, doors, concrete, tile, stainless steel, etc.
- Surface paint prep
- Manufacturing and dip tanks
- Clean and deodorize grease filters and traps
- AQIS approval category 3 General Cleaner Type C

946ml	3.78L	20L	208L	1041L
SG13033	SG13005	SG13004	SG13034	SG13275



## CLEANERS & DEGREASERS - EXTREME



### Extreme

#### Features & Benefits:

- Aircraft cleaning, leading edges, blow-by belly oil, wax remover, engine cleaning
- Meets Boeing spec D6-17487 rev. and Pratt & Whitney PWA 36604 rev. C & D.
- Metals, plastics, high-tech alloys and parts washing.
- Contains NO reagents that will oxidise finishes, cause rust or degrade elastic materials.
- Protects the life of hoses, seals, gaskets, paint finishes & other hard surfaces.
- Heavy Duty Cleaning and degreasing
- Where Oil/Water separators are used
- General purpose cleaner: glass, aluminium, steel, concrete etc.
- \* AQIS approved. Category 1 General Type A
- Non-toxic, non-hazardous, non-abrasive, non-flammable, biodegradable, quick break, rinses residue free, no added colour or scent, low foaming and pH 10.9 ± 0.8
- Safe for the user, safe to store and transport, safe for the environment

#### Dilution Recommendations \*

Heavy Cleaning & Degreasing: 1:1 / All Purpose Cleaning and Degreasing: 1:15  
Light Cleaning and Degreasing: 1:50 / Glass, Mirror, Chrome, Plexiglass: 1:127

946ml	3.78L	20L	208L	1041L
SG13412	SG13406	SG13405	SG13455	SG13475



## CLEANERS & DEGREASERS - FOOD GRADE



### Crystal Concentrated Cleaner

#### Features & Benefits:

- Non-toxic and biodegradable
- Industrial formulation
- No colour and no added scent
- Non-flammable

#### Product Applications:

- Equipment and machinery degreasing
- Food processing and handling facilities
- Janitorial cleaning: floors, walls, counters, doors, concrete, tile, stainless steel, etc.
- Clean grease filters and traps
- Compressed gas industry approved
- AQIS approval Category 1 General Cleaning Type A

710ml	3.78L	20L	208L	1041L
SG19024	SG19128	SG19001	SG19054	SG19275





## CLEANERS & DEGREASERS - GENERAL



### Spray & Wipe Hard Surface Cleaner

- Antibacterial formula
- Zesty Lemon fragrance
- Suitable on most washable surfaces including walls, porcelain, stainless steel chrome, laminated surfaces and white goods

Part Number	Description	Size
HGSW750	Spray & Wipe Trigger Pack	750mL
HGSW5	Spray & Wipe	5L
HGSW20	Spray & Wipe	20L

## CLEANERS & DEGREASERS - GLASS



### Windex Glass Cleaner

Part Number	Description	Size
SCJ618305	Windex Trigger	750ml
SCJ618306	Windex Trigger	500ml
SCJ105238	Windex Glass	5L

## CLEANERS & DEGREASERS - GRAFFITI



### Solvit Citrus Clean Specialty Cleaner ie. Graffiti, Glues, Chewing Gum

- 100% natural citrus base
- Dissolves sealants and adhesives
- Removes graffiti, ideal paint cleaner
- Melts chewing gum, removes tar

Part Number	Size
260C	500ml
260N	4 litre

## CLEANERS & DEGREASERS - OUTDOOR



### Tuff Auto & Outdoor Cleaner/Degreaser Citrus & Eucalyptus Based

- Non-flammable
- Quick break
- **NEW** formulation with the added penetrating power of eucalyptus oils and citrus
- Ideal for cleaning/degreasing grease, oil, fats, soots, industrial grime
- Concentrated formulation, dilute with water to suit the job



Part Number	Size
930C	500ml
930N	4 litre Concentrate
930T	20 litre Concentrate

## CLEANERS & DEGREASERS - PARTS WASH



### Parts Wash

#### Features & Benefits:

- Highly concentrated
- Safe for the user
- Safe for the environment
- Dilute 25% to 75% water
- Non-toxic
- Non-hazardous and biodegradable
- Non-flammable and no use by date
- Safe to use and store
- Multi-use, unique features

#### Product Applications:

- Can be used in conventional parts washers or rotational washers
- Ideal for oil/water separators and low foaming

25L
<b>SG13484</b>

## CLEANERS & DEGREASERS - TRUCK



### Truck Wash

#### Features & Benefits:

- 1 part to 30 parts of water
- 20L of concentrate makes 600L of product
- Non-toxic, non-flammable
- Non-hazardous and biodegradable
- Highly concentrated
- Big savings
- Safe for the user
- Safe for the environment
- Multi-use - trucks, buses and trains
- Unique features and low foaming

#### Product Applications:

- Truck, bus and train - heavy transport
- Quick break - ideal for oil/water separators
- Automatic dilution systems available

20L	208L
<b>SG13480</b>	<b>SG13482</b>



# JANITORIAL & CLEANING



## TW20 Truck Wash Vehicle Detergent Cleaner

- pH neutral
- Safe on all paint finishes
- Quick break, biodegradable
- Easily removes road grime, oil and soot



Part Number	Description	Size
ATTW5	TW20 Truck Wash	5L
ATTW20	TW20 Truck Wash	20L
ATTW200	TW20 Truck Wash	200L
ATTW1000	TW20 Truck Wash	1000L

## CLOTH WIPES



### Blue Wipe Cloths

- Micro-Fabric for polishing, dusting, drying and waxing.
- Absorbs 8 times it's own weight in water.
- Collects dirt and dust without scattering it.
- Will not scratch.
- Washable and re-usable.



Part Number	Size
AM372366	406mm x 406mm

## CLEANERS & DEGREASERS - VEHICLE



### Flash Wash Premium Vehicle Wash

- Highly concentrated
- No oxidising surfactants or phosphates
- Contains rust inhibitors and soluble wax hand wash or foam on application



Part Number	Size
501N	4 litre Concentrate
501T	20 litre Concentrate

## DUST PAN SETS



### Lobby Dust Pan Set

- Colour coded in Red, Blue, Green, Yellow and Black
- Custom moulded to give the largest pan capacity – less unload trips saves time.



Part Number	Description
BLOBD262SET	Lobby Dust Pans Set: Red, Blue, Green, Yellow and Black

## CLEANING - GUN



### Multi-Purpose Cleaning Gun

Enables quick and efficient Cooling System flushing. Suits most radiator and heater hoses. Also suitable for engine and floor wash applications. Converts to Vacuum / Air Blow Gun

Product Code: 70801



### Industrial Lobby Dustpan Set

Sturdy and durable lobby set is ideal for commercial use. Made from polypropylene for extra long life. Quality brush with thick aluminium handle that won't rust

Part Number: SAB 76089



## CLOTH TOWEL



### Pro Wipes Cloth Roll 30cm x 45Mt

High absorbency industrial wipes. Ideal for most cleaning surfaces. No chemical binder, enhances absorption rate and capacity. Durable, reusable & economical - a longer life will provide you with genuine savings. Simply rinse in water after use.

Part Number	Size
SABC 9170B	Blue
SABC 9170Y	Yellow
SABC 9170G	Green
SABC 9170R	Red



### Long Handled Dustpan Set

Long handled dustpan set is designed for effective ergonomic cleaning

Part Number: SAB 23027







### Workshop Dustpan Set

Solid large brush and dustpan for heavy duty use particularly in workshops and large areas. Soft rubber lip to prevent slippage and easier rubbish collection.

**Part Number: SAB 24026**



## HAND CLEANER



### Lightning Scrubber Heavy Duty Hand Cleaner with Pumice

- Australia's #1 bulk workshop hand cleaner
- Contains pumice
- Added skin conditioners
- Ideal for heavy grease, diesel, sump oil, paint, tar, etc.



Part Number	Size
390C	500gm
390I	4kg
390J	20kg
390BB	NEW 20kg Bag in Box Refill



### Lightning Jell Hand Cleaner with Lanoline and Citrus Oils Use with or without Water

- Ideal to use without water
- Contains citrus oils
- Contains skin conditioners
- Dissolves all general workshop/industrial soils



Part Number	Size
052C	500gm
052I	3.5kg
052J	19kg



### Lightning Orange Pumice Hand Cleaner

- Contains NO harsh petroleum solvents
- Utilises pure citrus oils
- Contains fine Italian pumice
- Contains skin conditioners
- Formulated to be used in pump pack



Part Number	Size
899C	500ml
899I	4 litre pump pack
899J	20 litre pump pack



### Lightning Fresh Hand Cleaner with Pumice, Eucalyptus Based

- NEW pure eucalyptus base, no harsh petroleum solvents
- Contains fine Italian pumice
- Contains skin conditioners
- Dissolves paints, grease/oil, adhesives and deodorises skin



Part Number	Size
820C	500ml
820F	2 litre pump pack
820J	20 litre pump pack



### Protecta Pink Heavy Duty Industrial Hand Cleaner

- Fast working
- Waterless
- Contains lanolin to help prevent dry skin
- Removes grease, oil, metal dust, carbon black, printer's ink and most industrial soils



Part Number	Description	Size
IHPP500R	Protecta Pink Squeeze Pack	500mL
IHPP500D	Protecta Pink Pump Pack	500mL
IHPP4	Protecta Pink	4L
IHPP20	Protecta Pink	20kg



### Protecta Grit Extra Heavy Duty Industrial Hand Cleaner

- Contains pumice
- Waterless
- Contains lanolin
- Removes ingrained soils, grease, oil, metal dust, carbon black and coal dust



Part Number	Description	Size
IHPG500	Protecta Grit Squeeze Pack	500mL
IHPG4	Protecta Grit	4L
IHPG20	Protecta Grit	20kg



### Citra Scrub Citrus Based Industrial Hand Cleaner

- Contains enviro scrubbers
- Waterless
- Speedily removes ingrained soils, grease, oil, dirt, and mud
- Contains lanolin



Part Number	Description	Size
IHCS500	Citra Scrub Squeeze Pack	500mL
IHCS4	Citra Scrub	4L
IHCS20	Citra Scrub	20kg



# JANITORIAL & CLEANING



## Eliminator Specialty Hand Cleaner

- Contains pumice
- Contains moisturiser to prevent dry skin
- Removes 2Pack, acrylic and enamel paints, polyester and epoxy resins, marine anti-fouling, urethanes, sealants and adhesives



Part Number	Description	Size
IHPE500	Eliminator Squeeze Pack	500mL
IHPE4	Eliminator Pump Pack	4L



## Heavy Duty Hand Gel

### Features & Benefits:

- Highly effective - will remove all types of material off the skin surface including dried paint and ink
- Added protection - the formula includes lanolin for skin restoration
- Added power - contains pumice grit for extra agitation but not so much that drains become blocked!
- Safe for the user - non-toxic, non-hazardous and biodegradable
- Safe to use and store - non-flammable and no 'Use by Date'
- Multi-use - can be used with OR without rinsing water
- Convenient - the 4L and 10L pump pack is ideal for a work area or carried in a vehicle
- Pumps control cross contamination
- AQIS approval Category 9 Liquid Hand Soap Type B
- Made in Australia



200ml	3.78L	10L
SG42675	SG42128	SG42610



## CITRUS 250ml Liquid

- Remove the toughest stains
- Leaves hands smelling fresh
- Moisturisers and protects skin
- Trust Solvol to get the job done

Product Code: 71025



## CITRUS 500ml Liquid

- Remove the toughest stains
- Leaves hands smelling fresh
- Moisturisers and protects skin
- Trust Solvol to get the job done

Product Code: 71050



## CITRUS 4.5 Ltr Liquid

- Remove the toughest stains
- Leaves hands smelling fresh
- Moisturisers and protects skin
- Trust Solvol to get the job done

Product Code: 71026



## Original 250g (Twin Pack)

- Removes the toughest stains
- When other soaps can't get you clean, trust Solvol to get the job done

Product Code: 71029



## 100g Bulk Bar Box (100 loose Bars)

- Removes the toughest stains
- When other soaps can't get you clean, trust Solvol to get the job done

Product Code: 71128



## Regal Pink Lotion Hand Soap

- A rich and mild perfumed lotion soap. Gentle and effective on your skin.
- Pack Size: 5 Litre

Product Code: RSOAP-5L



## HAND SOAP DISPENSER



## Debton Bulk Fill Dispenser

- Lotion soap dispenser - bulk fill. Wall mounted, push button dispensing. 1800ml capacity for bulk fill lotion soap products

Product Code: 2010



## HAND CLEANER TOWELS



## Scrubs

A patented dual-textured towel that locks in dirt and does not transfer soils back onto hands. The citrus based formula works together with the absorbent non-scratching abrasive towel to leave hands clean.



Part Number	Description	Size
S90130	Graffiti and Spray Paint Remover Towels	30 Pack
S42272	Scrubs Hand Cleaner Towels	72 Pack
S42230	Scrubs Hand Cleaner Towels	30 Pack

## INSECT REPELLANT



## Raid Fly & Insect Spray

Part No.	Description	Size
SCJ852059	Raid Multi-Purpose Insect Killer - Odourless	350g





## LAUNDRY POWDER



### Euca Laundry Powder Concentrate

- A true pure concentrate, NO fillers
- No synthetic perfumes
- Ideal for top and front loading machines
- Ideal for grey water use / 100% soluble
- Superior clean on work, sports and domestic clothes



Part Number	Size
<b>160N</b>	4kg
<b>106V</b>	10kg

## MATTING



### Air Grid Anti-fatigue Mat

#### CHARACTERISTICS

- Ultra comfortable and hard wearing
- Suction caps on underside assist floor adhesion
- Drainage holes send liquids underneath mat
- Optional yellow safety border and terracotta (grease proof)
- 600 x 900, 900 x 1200mm, Custom sizes available

#### TYPICAL APPLICATIONS

- Demanding work areas wet or dry

Size mm	600x900 Black	900x1200 Black	600x900 Yellow Border	900x1200 Yellow Border
Product Code	<b>AG23BLK</b>	<b>AG34BLK</b>	<b>AG24YEL</b>	<b>AG34YEL</b>



### Brush Rib

- Raised profile wipes moisture and dirt off shoes
- Easy to clean – just vacuum or hose down
- Hard wearing heavy gauge polypropylene
- Vinyl backing and edging resists cracking
- Mats edged four sides keeps the mat flat.

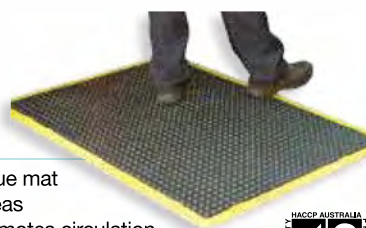


Part Number	Description	Size
<b>MB3660</b>	Brush Rib Mats – Grey. 8mm thickness.	1.5m x 0.9m
<b>MB4872</b>	Brush Rib Mats – Grey. 8mm thickness.	1.8m x 1.2m



### Bubble Mat

- The ideal behind-the-counter anti-fatigue mat for long-standing limited movement areas
- Bubble surface like standing on air, promotes circulation, reduces fatigue
- Easy-see yellow bevelled edges for safety.



Part Number	Description	Size
<b>MX2436BK</b>	Black and yellow borders. 14mm thickness.	0.6m x 0.9m
<b>MX3648BK</b>	Black and yellow borders. 14mm thickness.	0.9m x 1.2m



### Cushion Foot – Black

- Ramps available in matching black or easy-see yellow (illustrated) to prevent tripping – can be attached to any or all sides;
- Built-in connectors on two adjacent sides allow any size mat to be assembled.
- Resilient rubber for anti-fatigue qualities;
- All purpose mats with excellent drainage for wet areas via large drainage holes;
- Multinib back ensures comfort while enhancing drainage and cleanliness.
- Nitrile content ensures resistance to oils, fats and greases, cutting oils and lubricants.

Part Number	Description	Size
<b>MC3636BK</b>	Cushion Foot Black. 15mm thick, all purpose matting	0.9m x 0.9m



### Comfort-Zone – Black & Blue

- Rubber anti-fatigue mat with excellent drainage
- Superior stand-alone workstation mat
- Moulded-in wide, ribbed ramps for safety
- Top quality, high nitrile content mat for general use.

Part Number	Description	Size
<b>MZ3660BK</b>	Comfort-Zone Black. 17mm thick, grease-resistant	1.5m x 0.9m
<b>MZ3660BU</b>	Comfort-Zone Blue. 17mm thick, grease-proof	1.5m x 0.9m



### Diamond Foot Anti-fatigue Mat

#### CHARACTERISTICS

- Slip resistant and hard wearing surface
- Resilient sponge base enhances comfort
- Yellow safety border option
- Heavy duty use
- 600x900, 900x1500mm, Custom sizes available

#### TYPICAL APPLICATIONS

- Dry areas such as warehouses and work stations

Size mm	600x900 Yellow Border	900x1500 Yellow Border
Product Code	<b>DF23YEL</b>	<b>DF35YEL</b>



# JANITORIAL & CLEANING



## Ergo Tred Anti-fatigue Mat

### CHARACTERISTICS

- Dome surface improves circulation and gives maximum comfort
- Relieves strain of constant standing
- Optional yellow safety edge
- 600 x 900, 900 x 1200mm size, Custom sizes available

### TYPICAL APPLICATIONS

- Workstations, counters, check-outs and at machinery

Size mm	600x900 Black	900x1200 Black	900x600 Yellow Border	900x1200 Yellow Border
Product Code	ASBLK	ETMBLK	ASYEL	ETMYEL



## Maxi Grip Safety Mat

### CHARACTERISTICS

- Raised grippers provide traction in slippery areas
- Nitrile rubber resists effects from grease and oil
- Low profile – only 3mm thick
- 900x1500 or 900x3000mm

### TYPICAL APPLICATIONS

- Wet slippery areas such as ramps, kitchens, grocery stores, supermarkets and florists

Size mm	900x1500	900x3000
Product Code	UG35	UG310



## Ribbed Entrance Mat

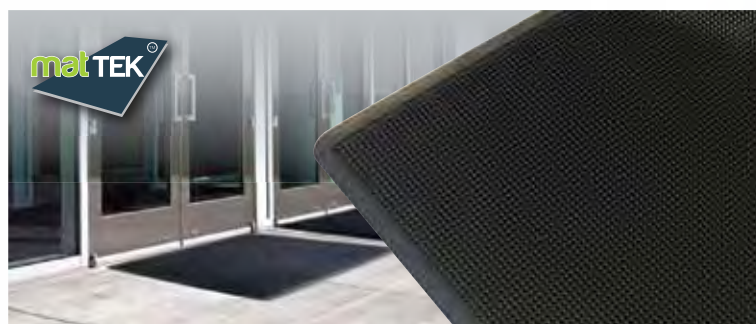
### CHARACTERISTICS

- PVC Backed Polypropylene
- Coarse fibres scrape shoes clean
- Medium traffic use
- 600x900, 900x1500 or 1200x1800mm

### TYPICAL APPLICATIONS

- Indoor or outdoor entrance

Size mm	600x900	900x1500	1200x1800
Product Code	RM23	RM35	RM46



## Rubber Brush Entrance Mat

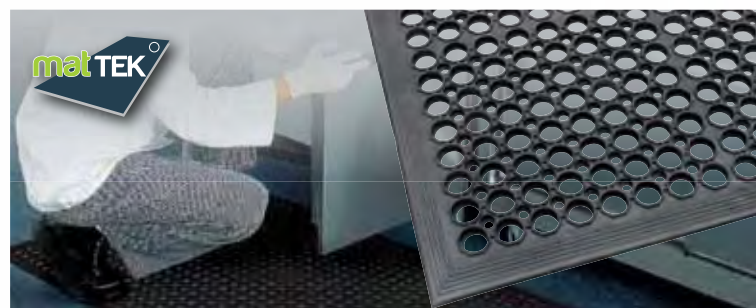
### CHARACTERISTICS

- Hundreds of rubber studs dislodge debris from shoes
- Easy to clean
- Heavy duty
- 610x810, 710x1070 or 910x1830mm

### TYPICAL APPLICATIONS

- Indoor or outdoor entrance

Size mm	610x810	710x1070	910x1830
Product Code	RBB	RBL	RBM



## Safety Cushion Safety Mat

### CHARACTERISTICS

- Comfortable and non-slip
- Bevelled edges for safety
- Optional terracotta (grease resistant)
- 600x900 or 900x1500mm

### TYPICAL APPLICATIONS

- Wet areas such as kitchens, bars
- Dry areas such as factories and behind counters

Size mm	600x900 Blk	90x1500 Blk	900x1500-Grease Resistant
Product Code	CLS	CLN	CLR



## Non-Conductive Insulating Mat

- Vinyl matting insulates against electrical shock
- Dielectric Rating 30,000 volts
- Proof tested 20,000 volts
- Recommended useage 17,000 volts
- Meets Aust. Standard AS2978-1995



Part Number	Description	Size
MSR310BK	Corrugated Switch Board. 6.5mm thickness	0.9m x 22.8m
MSR31CBK	Corrugated Switch Board. 6.5mm thickness	Off roll x 0.9m



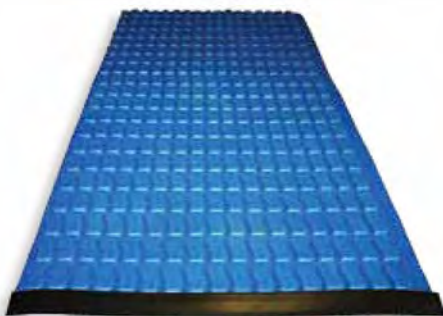


### Safewalk

- Economy mat for industrial use
- Individual workstation size
- Large drainage holes get liquid spills away fast
- Low profile moulded-in ramps on all four sides for safety.



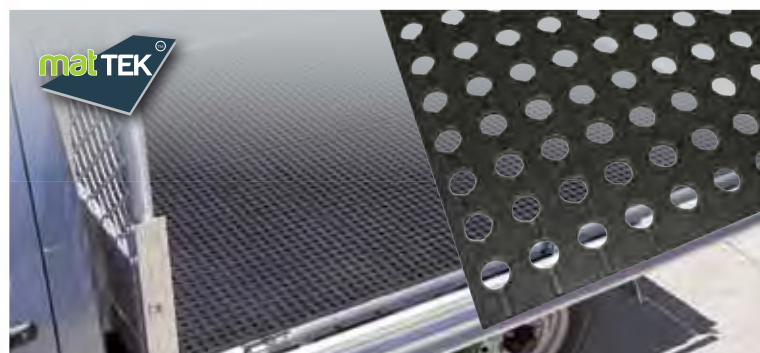
Part Number	Description	Size
<b>MG3660BK</b>	Safewalk – Black. 12mm thickness.	1.5m x 0.9m



### S-Mat

Specially designed for wet areas, perfect for aquatic centres, around swim pools, in showers, in front of baths, on boat decks. Slip resistant, light-weight and easy to lift and clean, yet tough and wear resistant. Can be made to any size or shape.

Part Number	Description	Size
<b>PMSM67</b>	S-Mat. Blue or Black.	Length x 0.73m



### Utility Matting

#### CHARACTERISTICS

- Non-slip matting
- Drainage holes
- Can be trimmed easily to desired shape or size
- 1800mm wide, sold per metre

#### TYPICAL APPLICATIONS

- Ute trays or van backs

Size mm	1800mm (10m)
Product Code	<b>UM1800R</b>



### Utility Safety Matting – UM900

#### CHARACTERISTICS

- Comfortable and non-slip
- Drainage holes
- Suction caps underneath assist in floor adhesion
- 900mm wide, sold per metre

#### TYPICAL APPLICATIONS

- Wet areas such as kitchens, bars, boats
- Dry areas such as factories

Size mm	900mm (10m)
Product Code	<b>UM900R</b>



### Welding Mat

- Repels sparks and hot metal shards
- Excellent anti-fatigue mat thanks to the thick rubber foam base
- Textured rubber top surface improves traction in wet or dry conditions.
- 10mm thick with bevelled edges.



Part Number	Description	Size
<b>MSP375BK</b>	Welding Mat. Black. 10mm thickness	0.9m x 22.8m
<b>MSP37CBK</b>	Welding Mat. Black. 10mm thickness	Length x 0.9m



### Welding Mat

#### CHARACTERISTICS

- Special rubber compound resists welding flux and grinding sparks of 1300 - 1500°C for less than 3 seconds
- Anti-slip, anti-fatigue and grease/oil resistant
- Available in modular form - ends or centres
- 700x800mm

#### TYPICAL APPLICATIONS

- Welding bays or engineering workshops

Size mm	700x800 Centre	700x800 End
Product Code	<b>WMC</b>	<b>WME</b>



# JANITORIAL & CLEANING

## MOP - BUCKET



### 11Ltr Window / Squeeze Mop Bucket

11lt capacity. Lightweight, chemical resistant window bucket. Comfortable non-slip hand grip for extra carrying comfort. Ideal for use with squeeze mops and window washers.

**Part Number: SAB 72061**



### Ultimate Pro Mop Bucket 16 Ltr

- OH&S Safest Bucket
- Wider opening - easier to wring out contractor mop heads
- Ergonomic, Ambidextrous Design, Lightweight
- Strategically placed casters for extra stability
- Agitators - for better dislodging of dirt particles
- Available in: Blue/Green/Red/Yellow/White

**Part Number: SAB 74050**



### Wide Mouth Mop Bucket 16Ltr

Unique wide mouth design which allows for ease of use with larger mops. Castors for easy movement. Spike design on non-slip pads for resistance. Not affected by cleaning chemicals. Rust resistant



Part Number	Colour
SAB 37023	Blue
SAB 31003	Green
SAB 37026	Red
SAB 37024	Yellow
SAB 37027	White



### 16Ltr Wringer Mop Bucket

16lt capacity wringer mop bucket, features a unique wide mouth design which allows for ease of use with large mops. Castors for easy movement. Spike design on non-slip pads for resistance. Not affected by cleaning chemicals. Rust resistant

**Part Number: SAB 37020**



## MOP - HEAD



### Premium Contractor Mop Head 400g

Premium textile blend. Features H/D plastic ferrule. Ideal for commercial cleaning. Includes adaptor to suit 25mm wooden or metal handles.



Part Number	Colour
34050B	Blue
34050Y	Yellow
34050G	Green
34050R	Red
34050W	White



### Cotton Contractor Mop Head

100% cotton mop head. Long lasting. Industrial strength yarn is ideal for commercial cleaning. Features H/D plastic ferrule. Adaptor for 25mm wooden and metal handles

**Part Number: SAB 363P - 450g**

**Part Number: SAB 366P - 600g**



## MOP - SQUEEZE



### Mega Squeeze Mop

Extra heavy duty squeeze mop for big jobs. Super wide 300mm head covers surfaces quickly and is extra absorbent. Tough sponge takes care of large spills, stains, dirt, dust and grime. Refill available

**Part Number: SAB 31042**



### Mega Squeeze Mop Refill

Squeeze mop refill to suit Mega Mop SAB 31042

**Part Number: SAB 3202**





## PAPER TOWEL



### TruSoft 80m Roll Towel Recycled

- Size: 18cm x 80m
- Soft and absorbent roll towel. Environmentally friendly.

**Product Code: TRT80**



### Regal Compact Hand Towel

- 20.5cm x 24.5cm
- Pack Size: 120 sheets
- Pre cut sheet hand towels for reduced wastage. A hygienic and fresh towel presented everytime.

**Product Code: R20120A**



### Regal Interleaved Hand Towel

- Pre cut sheet hand towels for reduced wastage. A hygienic and fresh towel presented everytime.

Part No.	Description	Size
<b>R16150HT</b>	Regal Ultraslim Recycled 16 packs x 150 Sheet	23cm x 23.5cm
<b>R16150A</b>	Regal Ultraslim 16 packs x 150 sheet	23cm x 23.5cm



### Regal Interleaved Hand Towel

- Pre cut sheet hand towels for reduced wastage. A hygienic and fresh towel presented everytime.

Part No.	Description	Size
<b>R24100A</b>	Regal I/leaved Towel Large 24 packs x 100 sheet	23cm x 36.5cm
<b>RS0024</b>	Regal I/leaved Towel Small 24 packs x 100 sheet	18.4cm x 36.5cm



### Regal Slim Hand Towel

- Pre cut sheet hand towels for reduced wastage. A hygienic and fresh towel presented everytime.

Part No.	Description	Size
<b>R164000</b>	Regal Slimline Towel 16 packs x 250 sheet	23cm x 24cm
<b>KRG162</b>	Regal Gold Slimline towel 16 packs x 200 sheet	23cm x 24cm



## PARTS WASHERS



### Washer - 90LT

- Bottom storage shelf
- Metal flexible hose
- Removable parts tray
- Replaceable filter
- Submersible pump
- Piano hinged lid with metal stay
- Ideal for cleaning automotive parts
- L: 700 x W: 500 x H: 890mm

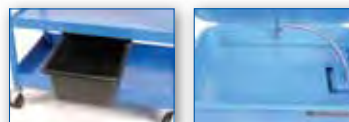
**Part Number: K13080**



### Parts Washer - 75LT Mobile

- Metal flexible hose
- Removable parts tray
- Replaceable filter
- Submersible pump
- Piano hinged lid with metal stay
- Heavy duty castors (2 lockable)
- Storage shelf
- Parts drain shelf and drain tub
- Ideal for cleaning automotive parts
- L: 715 x W: 480 x H: 890mm

**Part Number: K13082**



### Parts Washer 90 Litre

- 240v/50Hz/0.5A
- Suitable for cleaning of all parts
- Safety drop down lid
- Tank: 760(L) x 530(W) x 260(H)mm
- 240V pump output of 220 ltr p/hour
- Strong steel fabricated design
- Size: 780(L) x 540(W) x 900(D)mm
- Nett weight: 28kg

**Also available as 180 Litre**

Part Number	Description
<b>1003</b>	Parts Washer 90 Litre
<b>1004</b>	Parts Washer 180 Litre





# JANITORIAL & CLEANING

## SCOURERS



### Scourer/Sponges Pk10 150 x 100mm

Standard Grade Green for general use  
HACCP approved.

**Part Number: SAB 41183**

Medium Grade Maroon for general use  
HACCP approved.

**Part Number: SAB 41185**

Soft Grade White for general use  
HACCP approved.

**Part Number: SAB 41184**



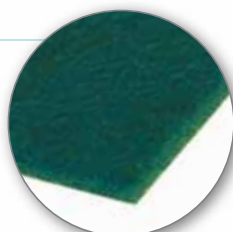
### Scourer Pads Pk10 150 x 100mm

Standard Grade Green for general use  
HACCP approved.

**Part Number: SAB 41165**

Soft Grade White for general use  
HACCP approved.

**Part Number: SAB 41171**



## SQUEEGEES



### Squeegee

Lightweight Aluminium construction.  
Non-marking rubber blade.  
Suit 25mm handle (not included). Available in 45cm, 60cm and 90cm.



Part Number	Size
2000002587	45cm
2000002589	60cm
2000002591	90cm



### Water Wand Standard and Heavy Duty Floor Squeegees

**Standard:** Soft, twin foam rubber blades conform to uneven surfaces leaving floors dry.

**Heavy-duty:** Galvanised steel construction with twin foam rubber blades. Moss rubber has two wiping edges. Features a splashguard built onto channel and reinforced socket.



Part Number	Description	Size
UNFSMW18	Water Wand Standard Floor Squeegee	45cm
UNFSMW22	Water Wand Standard Floor Squeegee	55cm
UNFSHM22	Water Wand Heavy Duty Floor Squeegee	55cm
UNFSHM30	Water Wand Heavy Duty Floor Squeegee	75cm

## TISSUES



### Regal Gold - 2 Ply Facial Tissues

- This product comes in 2 pack sizes - 100s and 200s
- Soft and gentle facial tissue.

Part No.	Description	Size
FT100/2	Regal Facial Tissues 2ply 48 boxes x 100 sheet	19cm x 20cm
FT200/2	Regal Facial Tissues 2ply 32 boxes x 200 sheet	19cm x 20cm

## TOILET BRUSHES & SETS



### Easy Clean Toilet Set

Non-absorbent, long lasting bristles that will not mildew.

**Part Number: SAB 26004**



### Easy Clean Toilet Brush

Non-absorbent, long lasting bristles that will not mildew.

**Part Number: SAB 26011**



### Toilet Tidy and Rim Brush Set

Unique extra rim brush to clean where other brushes can't. Rounded head for maximum cleaning.

**Part Number: SAB 2380**



### Rim Brush

Unique extra rim brush to clean where other brushes can't. Rounded head for maximum cleaning.

**Part Number: SAB 2381**





## TOILET PAPER



### Regal Toilet Roll - 2 Ply

- 250 sheet toilet roll
- Size: 100 x 100mm
- 12 x 4 pack.
- Smaller roll size ideal for motels and high rise holiday lettings.

**Product Code: K2V250-4**



### Tru Soft Toilet Roll - 2 Ply Recycled

- 400 sheet toilet roll recycled
- Size: 100 x 100mm
- 12 x 4 pack.
- Good quality toilet tissue for the budget conscious. Environmentally friendly.

**Product Code: 400/2PK**



### Tru Soft Toilet Roll - 1 Ply Recycled

- 850 sheet toilet roll, recycled
- Size: 100 x 100mm
- 12 x 4 pack.
- Economical product with extra capacity suitable for high traffic areas. Ideal for airports, shopping centres, sporting arenas etc. Environmentally friendly.

**Product Code: K1R850-4**



### Tru Soft Toilet Roll - 2 Ply Recycled Individually Wrapped

- 400 sheet toilet roll recycled, individually wrapped
- Size: 100 x 100mm
- Good quality toilet tissue for the budget conscious. Environmentally friendly.

**Product Code: 400/2R**



### Regal Toilet Rolls - 2 Ply Individually Wrapped

Part No.	Description	Size
K2V400	<b>Regal Toilet Roll - 400 Sheet</b> - Premium quality and value for money	100 x 100mm
KRG400-2	<b>Regal Gold Toilet Roll - 400 Sheet</b> luxurious bathroom tissue suitable for upmarket establishments. Unique embossed design creates added softness with extra strength.	100 x 110mm
K2V700	<b>Regal Toilet Roll - 700 Sheet.</b> Ideal for high usage areas. Improves capacity thereby reducing labour costs when refilling dispensers.	100 x 100mm



### Tru Soft Toilet Roll - 1 Ply Recycled

- 1000 sheet toilet roll recycled, individually wrapped
- Size: 100 x 100mm
- 12 x 4 pack.
- Economical product with extra capacity suitable for high traffic areas. Ideal for airports, shopping centres, sporting arenas etc. Environmentally friendly.

**Product Code: K1R1000-4**



### Tru Soft Jumbo Roll - 1 Ply

- Economical product with extra capacity suitable for high traffic areas. Ideal for airports, shopping centres, sporting arenas etc. Reduces pilferage in comparison with standard toilet rolls. Environmentally friendly.



Part No.	Description	Size
JR650/1R	Tru Soft Jumbo Roll - 1 Ply 6 rolls x 650 metres	9cm x 650m
JR400/2R	Tru Soft Jumbo Roll - 2 Ply 6 rolls x 400 metres	9cm x 400m



### Regal Interleaved Toilet Tissue Recycled

- Single sheet dispensing improves hygiene and eliminates roll wastage. Environmentally friendly.



Part No.	Description	Size
IT240/2	Regal I/leaved 2 Ply Tissue 36 Packs x 240 Sheet	10cm x 21cm
IT400/1	Regal I/leaved 1 Ply Tissue 45 Packs x 400 Sheet	10cm x 21cm



# JANITORIAL & CLEANING

## VACUUM CLEANERS



### 15 Litre Vacuum

- 1500 watt two stage fan
- 30 litres / sec of suction
- 5 metre auto rewind cord powerful and quiet
- Lightweight and very portable

Product Code: VMVF1515HJ



### 16L Commercial Budget Vac

The Yes Play is a budget priced dry, commercial 16 litre vacuum.

The Yes Play is very quiet at 65 DBA and has a standard Kerrick's Unique SANI FILTER cloth filter system.

Part Number: VHYES PLAY



### 20 Litre Vacuum

- 1500 watt motor
- 20 litre tank
- Synchronise function
- Additional power socket
- Syncro with your power tools
- Features Hepa filter
- Powerful 2 stage fan
- Stainless Steel tank

Product Code: VMVK1520SIW



### 20 Litre Vacuum

- 1250 watt motor
- 20 litre stainless steel tank
- 1.8m hose length on board tool storage
- Accessories included

Product Code: VMVQ1220SS



### NT 27/1

#### Commercial Vacuum Cleaner

- Wet and dry
- 1380 watt 240 volt 10 Amp
- 27 litre waste tank
- On casters for ease of movement
- Plastic container with accessory holder

Product Code: 1.428-503.0



### 30L H Class Vac

30 litre, single motor "H" class hazardous materials dry vacuum cleaner with triple filtration to 0.3 micron suitable for asbestos, etc.

Part Number: VH515 PULSAR



### NT 35/1 Eco Aus

#### Industrial Vacuum Cleaner

- Wet and dry vacuum
- 1380 watt, 240 volt, 10 Amp
- Auto filter clean
- Easy change flat filter system
- 35 litre waste tank

Product Code: 1.184-802.0



### 50L General

#### Purpose Vac

The 503 koala is designed for power tool connection, so it can be used as dust, extractor and a general purpose vac! Waste tank is 50 litre Hi-impact PHD.

Paper waste collection bags or pre-filter bags available.

Part Number: VH503KTC





**HITACHI**  
 Inspire the Next

### 18V Wet & Dry Vacuum 'Naked'

- Wet and dry suction
- 29 minute run time with 18 Volt 3.0Ah Li-ion battery
- Large capacity translucent dust case with max liquid line indicated
- 3 nozzles standard

**Part Number: R18DL(H4)**



### 10 Litre Wet/Dry Car Vacuum Portable Kit

- The lightweight and powerful 1000 watt motor makes this utility vac perfect for the home, car or garage.
- 240 volt
- Wet / dry vacuum takes care of quick clean up and spills.
- Convenient on-board storage of tools and hose.

**Product Code: VMVJ1010P**



### 18 Litre Wet/Dry Vacuum 1200W

(With 35mm accessory system)

- Compact sized vac comes with a powerful 1250 watt motor.
- The 4m power cord and 1.5m secure fit hose offers a large cleaning coverage range.
- Easy roll casters.
- Tough Polypropylene tank.
- Top handle design - easy to carry.
- Large on/off switch. Built in accessory storage.
- Includes 7 accessories - secure fit hose, 3 extension wands, 2-in-1 floor brush/squeegee, dust filler, foam sleeve filter.

**Product Code: VMVJ1218P**

**HITACHI**  
 Inspire the Next

### 24L Wet & Dry Vacuum Cleaner

- Connects directly to power tools for cleaner work
- Power tool power connection placed straight into the extractor allowing the power to turn on and off when the tool is in use
- Powerful 1,200W motor
- Lightweight and durable, making the extractor easy to transport around the worksite

**Part Number: WDE1200**



### 29L Wet/Dry Multi Purpose Vac

The Lava is a multi – purpose “four – in – one” wet and dry vacuum, upholstery extractor, carpet extractor. Waste tank is 29 litre capacity, chemical tank is 6.2 litre, with a powerful 1200 watt vac motor.

**Part Number: VE210L**



### 30 Litre Wet/Dry Vacuum 1500W

- Function switch for synchronized start when external tool is turned on
- Built-in outlet socket for power tool connection
- Durable stainless steel tank
- Includes accessories

**Product Code: VMVQ1530SWDC**

**metabo**

### 1200W Wet & Dry Dust Extractor

- Vacuum; 171 hPa (mbar)
- Container volume: 32L
- Integrated power socket with automatic start
- Includes: 2.5mt x Ø35mm hose, 2 pipes, crevice, floor and universal nozzle, dust bag

**Part Number: ASA 1202**




# JANITORIAL & CLEANING



## 50L Wet/Dry Industrial Vac

Very popular, robust 50 litre wet/dry industrial vacuum, fitted with a powerful 1400 watt twin fan by-pass motor.

Full 38mm accessory kit included.

**Part Number: VH503PL**



## 60 Litre Wet/Dry Vacuum 1600W with Stainless Steel Tank

- 1600 watt motor
- Two stage fan
- Function switch for synchronised start when external too is turned on
- Built-in outlet socket for power tool connection
- 60 litre stainless steel tank

**Product Code: VMVK1660SWDC**



## 1200W Wet & Dry Dust Extractor

- Vacuum: 248 hPa (mbar)
- Container Volume: 50L
- Integrated power socket with automatic start
- Auto filter cleaning mode; filters vibrate and self clean
- Auto Trailing: Switch off; vac runs for 10 secs extra to clear hose and nozzle
- Includes: 3.5mt x Ø35mm hose, 2 pipes, crevice and universal nozzle, dust bag

**Part Number: ASR 2050**



## 72L Wet/Dry Industrial Vac

For those tough jobs, the Roky 423 is a twin motor, 72 litre wet/dry vacuum.

A tip-trolley allows easy emptying and the cloth filter is 24 micron.

Paper waste collection bags or pre-filter bags available

**Part Number: VH423R**



## 50 Litre Wet/Dry Vacuum 1600W with Stainless Steel Tank

- 1600 watt motor two stage fan
- Function switch for synchronised start when external tool is turned on.
- Built-in outlet socket for power tool connection.
- Durable stainless steel tank.
- Includes accessories.

**Product Code: VMVK1650SWDC**





# ELECTRICAL & ACCESSORIES

## AIR CURTAINS

hydor



### HAC Air Curtains

Acting as an invisible door, air curtains are perfect for separating air conditioned zones /non air conditioned zones, smoking areas /non smoking areas as well as preventing the entrance of dust, fumes, odours and flying insects.

- Adjustable air deflection vents
- Centrifugal fans provide high air velocity and quiet operation
- Heating/Cooling retention efficiency of 70-90% helps lower air conditioning costs

Part Number	Description
<b>HAC1212-RC</b>	1200mm - Air Curtain
<b>HAC1215-RC</b>	1500mm - Air Curtain
<b>HAC1209-RC</b>	900mm - Air Curtain

FANQUIP

### Heavy Duty Food Rated Air Curtain

Australian manufacturers AQIS approved air curtain. Suitable for all food, mining and commercial applications. Exceeds AQIS requirements for doorways up to 6m high.

- Full galvanised and powder coated construction
- 3 width options
- Available in single or three phase
- IP56 hoseproof rated
- Options available are
  - Full stainless construction
  - Aluminium construction
  - Custom sizes
  - Vertical mounting



Model No.	Width (mm)	Motor KW	Air Volume l/s	Voltage
<b>13-15091/3</b>	900	1.10	850	240
<b>13-15121/3</b>	1200	1.50	1620	240
<b>13-15151/3</b>	1500	3.00	2200	240

## BATTERIES - HIGH VOLTAGE

PowerCell



### High Voltage Specialist Cells

GP are the specialists in specialized batteries, and world leaders in providing a dynamic range of high voltage cells for niche markets.

Part Number	Description
<b>GP23AC1</b>	High Voltage Alkaline 12V 38mAh GP 23A card of 1
<b>GP27AC1</b>	High Voltage Alkaline 12V 18mAh GP 27A card of 1
<b>CR2025C1</b>	3V 160mAh Lithium Coin CR2025 card of 1 - 20.0 x2
<b>CR2032C1</b>	3V 220mAh Lithium Coin CR2032 card of 1 - 20.0 x3

## BATTERIES - RECHARGEABLE

PowerCell

GP ReCyko+



### GP ReCyko+

- New Generation rechargeable batteries
- Green generation technology

Part Number	Description
<b>210AAHCB-C2</b>	1.2V 2000mAh NiMH AA ReCyko+ ready to use CARD 2
<b>210AAHCB-C4</b>	1.2V 2000mAh NiMH AA ReCyko+ ready to use CARD 4
<b>85AAAHCB-C2</b>	1.2V 800mAh NiMH AAA ReCyko+ ready to use CARD 2
<b>85AAAHCB-C4</b>	1.2V 800mAh NiMH AAA ReCyko+ ready to use CARD 4



# ELECTRICAL & ACCESSORIES

## BATTERIES - ULTRA ALKALINE - BULK



### Ultra Alkaline Cells - Bulk

- New Generation of alkaline power
- Better performance than standard alkaline batteries

Part Number	Description
PC13AU	D Size Bulk Ultra Alkaline
PC14AU	C Size Bulk Ultra Alkaline
PC15AU	AA Size Bulk Ultra Alkaline
PC24AU	AAA Size Bulk Ultra Alkaline
PC1604AU	9V Bulk Ultra Alkaline



### Heavy Duty 10000 Battery Charger

Output 6/12 volt 10amp continuous (Hi), 5 amp continuous (Lo). Hi/Lo charge switch. Charge indication ammeter. Suitable for charging typically small to medium automotive lead-acid batteries overnight (approx. 30 to 160 amp hour). 24 month warranty.

Part Number	Description
BC54	Heavy Duty 10000 Battery Charger 6/12V, 10A



### Compact 2500 Battery Charger

Output 12 volt 2.5amp continuous. Simple 3 LED charge status indication. Suitable for charging typically small automotive lead-acid batteries (approx 10 to 60 amp hour) overnight. 24 month warranty.

Part Number	Description
BC581	Compact 2500 Battery Charger 12V, 2.5A

## BATTERIES - ULTRA ALKALINE - CARDED



### Ultra Alkaline Cells - Carded

- New Generation of alkaline power
- Better performance than standard alkaline batteries

Part Number	Description
PC13AUC2	D Size Blister x 2 Ultra Alkaline
PC14AUC2	C Size Blister x 2 Ultra Alkaline
PC15AUC2	AA Size Blister x 2 Ultra Alkaline
PC15AUC4	AA Size Blister x 4 Ultra Alkaline
PC15AURT16	AA Size Retail Pack Ultra Alkaline - 16 Pieces
PC24AUC2	AAA Size Blister x 2 Ultra Alkaline
PC24AURT16	AAA Size Retail Pack Ultra Alkaline - 16 Pieces
PC1604AU-c1	9V Blister x 1 Ultra Alkaline

## BATTERY CHARGERS



### Battery Chargers

AWE's selection of battery chargers have been designed and manufactured in Italy for the Australian market. AWE's battery chargers come in a range to suit small engines, motorcycles, cars, forklifts, 4WD's and truck applications. Be it a large or small, you can be assured that AWE will have a battery charger to suit your requirements.

**ART22:** Medium lead acid batteries. Suitable for, cars, light trucks, 4WD's, forklifts, boats, tractors, workshops.

**P25:** Medium lead acid batteries. Professional use, cars, trucks, repair shops, industrial use.

Specifications		ART 22	P25
Supply Voltage	Volt	240	240
Output Voltage	Volt	12-24	6-12-24
Output Current	Amp	15	22
Conventional Current	Amp	10	17
Charge Settings	-	4	6
Absorbed Power	Watt	260	620
Maximum Amp Hr	AH	120	170
Size (L x W x H)	mm	215 x 230 x 295	250 x 245 x 435
Weight	kg	8.6	12.2



### Heavy Duty Automatic Battery Charger

Output 12 volt 7A continuous. 24 volt 10 amp continuous. Automatic voltage limiting circuitry. Cuts off automatically when fully charged. Suitable for charging typically small to medium 12 volt and small 24 volt automotive and sealed lead-acid batteries (approx. 40 to 160 amp hour for 12 and 24 volt). 24 month warranty.

Part Number	Description
BC48	Heavy Duty Auto Cut Off Battery Charger





**AWE**  
**AUSLINK**  
WELDING & ENGINEERING SUPPLIES

AWE's Battery Chargers / Starters were designed and manufactured in Italy for the Australian market. Built for the workshop, farm or fleet user who require the capability of starting and charging in the one unit. They are equipped with slow and fast charge rates, thermal overload protection and built in fuse protection). The SC540 and SC640 also feature a charge current timer for ease of use. All are made for lead acid batteries starting and charging.

**Rapid 460:** Suitable for cars, vans, small tractors, boats up to 70hp (Diesel)

**SC340:** Suitable for cars, vans, small tractors, boats up to 50hp (Diesel)

**SC540:** Suitable for cars, vans, small tractors, boats, trucks up to 80hp (Diesel)

**SC640:** Suitable for cars, vans, small tractors, boats trucks up to 90hp (Diesel)

Specifications		RAPID 460	SC340	SC540	SC640
Supply Voltage	Volt	240	240	240	240
Output Voltage	Volt	12-24	12-24	12-24	12-24
Charge Current	Amp	30	45	60	75
Conventional Current	Amp	22	30	40	50
Charge Settings	-	6 + Boost	4 + Boost	6 + Boost	6 + Boost
Starting Current	Acc	430	280	480	550
Absorbed Power	Watt	950	800	1200	1400
Maximum Amp Hr	AH	260	250	350	400
Size (L x W x H)	mm	245 x 250 x 435	260 x 415 x 745	320 x 487 x 745	320 x 487 x 745
Weight	kg	20	18	28	30

**AWE (Auslink)** is pleased to announce that we can now arrange equipment finance or leasing. The finance or leasing period can be up to 5 years and is only applicable on AWE equipment



**ROSS**

### Automatic Battery Charger

- Automatic chargers, suitable for cars motor cycles and leisure vehicles with lead-acid batteries

Model	RBC220	RBC400	RBC520
Input Voltage	240V 15A	240V 15A	240V 15A
Max Charge Current Amps	20	30	50
Max Start Current Amps	120	180	300
Rated Output Voltage DC	12 & 24	12 & 24	12 & 24
Charge Rate Settings	3	3	6
Amp Hours Recommended	30 - 400	30 - 400	30 - 800
Standard Accessories	Charging leads with Crocodile clips		
Packed Dimensions (cm)	32.5x31x51.5	32.5x31x51.5	40.5x31.5x61.5
Weight (kg)	11.5	14.5	25



### Autotronic 25 Battery Charger

- 240 volt - 15 amp, 12 and 24 volt automatic electronic control of charging current.
- Charges and monitors.
- Stops and restarts automatically as required.
- With engine boost facility to assist with starting part charged batteries.
- Ideal for those infrequently used batteries such as boats, carts, agricultural, deep cycle and maintenance batteries.
- Weight - 6.1kg.

**Part Number: TWAUTOTRONIC25**



### Leader Battery Chargers

- Charge, boost and jump start settings.
- Suitable for cars, light trucks and vans.

Product Code	Charge Current	Start Current
<b>TWLEADER220</b>	30 amp	180 amp
<b>TWLEADER400</b>	45 amp	300 amp



### Dynamic Battery Chargers

- Charge, boost and jump start settings.
- Suitable for large trucks and tractors.

Product Code	Charge Current	Start Current
<b>TWDYNAMIC520</b>	75 amp	400 amp
<b>TWDYNAMIC620</b>	90 amp	570 amp





# ELECTRICAL & ACCESSORIES

## CABLE SHEARS



1000 V



### Insulated Cable Shears

- For cutting copper and aluminium cables, single and multiple wire
- Each Knipex insulated tool has been tested individually with AC 10,000 volts
- Precision ground, hardened blades
- Clean and smooth cut without crushing and deformation

Part Number	Head	Handles	Length
95 16 165	Burnished Head	Insulated	165mm



1000 V



### Insulated Cable Shears with twin cutting edge

- For cutting copper and aluminium cables, single and multiple wire
- Each Knipex insulated tool has been tested individually with AC 10,000 volts
- Precision ground, hardened blades
- Clean and smooth cut without crushing and deformation

Part Number	Head	Handles	Length
95 16 200	Chrome Plated	Insulated	200mm

## CABLE TIES, TOOLS & ACCESSORIES



### Wall Plug Bases for Cable Ties - Nylon PA 6.6

- B = Leg length, D = Cable tie width <

Part Number		Type	ø Hole mm	Dimensions B & D mm	Total Pack Qty
Natural	Black				
0860 0703 002*	0860 0703 101	Standard	8	37 x 9.5	100



### Mounting Bases- Two Way With Adhesive

- B = Leg length, D = Cable tie width <

Part Number		Cable Tie width mm	Dimensions mm					Total Pack Qty
Natural	Black		A	B	D	F	H	
0860 0942 101	0860 0942 201*	> 3.6	19	19	4.1	4	5	100
0860 0942 102	0860 0942 202*	> 4.8	27	27	4.8	6	6.5	100



### Tools For Cable Ties - Stainless Steel

- To suit width 4.6 to 7.9 mm

Part Number: 0827 0305 407



### Tools For Cable Ties - Nylon PA 6.6

- To suit width 2.2 to 4.8mm
- To suit width 4.8 to 7.8mm

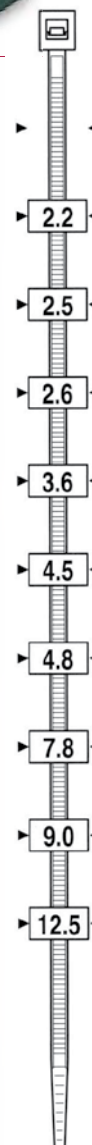
Part Number: 0860 1000 001 Part Number: 0860 1000 004

## CABLE TIES



### Cable Ties - Nylon PA 6.6

Part Number		Band Width & Length mm	Max Bundle ø mm	Tensile Strength min. in kgs	Total Pack Qty
Natural	Black				
0860 0110 101	0860 0210 101	2.2 x 75	15	6	100
0860 0110 201	0860 0210 201	2.5 x 98	21	8	100
0860 0110 301	0860 0210 301	2.6 x 135	32	8	100
0860 0110 302	0860 0210 302	2.6 x 160	40	8	100
0860 0110 303	0860 0210 303	2.6 x 200	52	8	100
0860 0110 401	0860 0210 401	3.6 x 140	35	13	100
0860 0110 402	0860 0210 402	3.6 x 200	50	13	100
0860 0110 403	0860 0210 403	3.6 x 290	80	13	100
0860 0110 404	0860 0210 404	3.6 x 370	103	13	100
0860 0110 501	0860 0210 501	4.5 x 120	24	20	100
0860 0110 502	0860 0210 502	4.5 x 160	40	20	100
0860 0110 601	0860 0210 601	4.8 x 178	45	22	100
0860 0110 602	0860 0210 602	4.8 x 200	50	22	100
0860 0110 603	0860 0210 603	4.8 x 250	68	22	100
0860 0110 604	0860 0210 604	4.8 x 290	79	22	100
0860 0110 605	0860 0210 605	4.8 x 360	103	22	100
0860 0110 606	0860 0210 606	4.8 x 390	106	22	100
0860 0110 607	0860 0210 607	4.8 x 430	115	22	100
0860 0110 701	0860 0210 701	7.8 x 120	25	55	100
0860 0110 702	0860 0210 702	7.8 x 180	45	55	100
0860 0110 703	0860 0210 703	7.8 x 240	63	55	100
0860 0110 704	0860 0210 704	7.8 x 300	80	55	100
0860 0110 705	0860 0210 705	7.8 x 365	100	55	100
0860 0110 706	0860 0210 706	7.8 x 450	130	55	100
0860 0110 707	0860 0210 707	7.8 x 540	158	55	100
0860 0110 708	0860 0210 708	7.8 x 750	200	55	100
0860 0110 801	0860 0210 801	9.0 x 780	233	77	100
0860 0110 901	0860 0210 901	12.6 x 225	47	110	50
0860 0110 902	0860 0210 902	12.6 x 500	143	110	50
0860 0110 903	0860 0210 903	12.6 x 720	213	110	50
0860 0110 904	0860 0210 904	12.6 x 850	255	110	50
0860 0110 905	0860 0210 905	12.6 x 1000	302	110	50

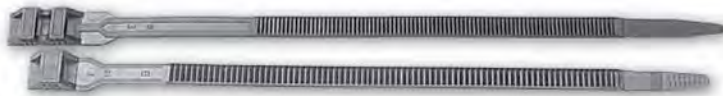


### Cable Ties Ball Lock - Stainless Steel



Part Number	Band Width & Length mm	Max Bundle ø mm	Tensile Strength min. in kgs	Total Pack Qty
0827 0346 201	4.6 x 201	15	6	100
0827 0346 266	4.6 x 266	16	7	100
0827 0346 362	4.6 x 362	17	8	100
0827 0346 521	4.6 x 521	18	9	100
0827 0346 838	4.6 x 838	19	10	100
0827 0379 201	7.9 x 201	20	11	100
0827 0379 266	7.9 x 266	21	12	100
0827 0379 362	7.9 x 362	22	13	100
0827 0379 521	7.9 x 521	23	14	100
0827 0379 838	7.9 x 838	24	15	100
0827 0379 067	7.9 x 1067	25	16	100



**NORMA**


### Heavy Duty Cable Ties - Single & Twin Head

Part Number	Band Width & Length mm	Head Type	Min Bundle ø mm	Max Bundle ø mm	Tensile Strength min. in kgs	Total Pack Qty
0860 0506 115	6 x 115	Single	5	25	25	100
0860 0506 180	6 x 180	Single	9	45	25	100
0860 0506 290	6 x 290	Single	20	78	25	100
0860 0506 360	6 x 360	Single	20	100	25	100
0860 0509 132	9 x 132	Single	8	27	36.7	100
0860 0509 180	9 x 180	Single	10	40	36.7	100
0860 0509 265	9 x 265	Double	26	60	51	100
0860 0509 300	9 x 300	Double	26	80	51	100
0860 0509 360	9 x 360	Double	26	93	51	100
0860 0509 510	9 x 510	Double	70	140	54	100
0860 0509 760	9 x 760	Double	70	220	54	100

**NORMA**


### Cable Ties Releasable - Nylon PA 6.6

Part Number		Band Width & Length mm	Max Bundle ø mm	Tensile Strength min. in kgs	Total Pack Qty
Natural	Black				
0860 0411 001	0860 0421 001	7.5 x 200	50	22	100
0860 0411 002	0860 0421 002	7.5 x 250	65	22	100
0860 0411 003	0860 0421 003	7.5 x 350	100	22	100


**TRIDON**

### Cable Ties Packs

- Nylon cable ties are manufactured from virgin nylon 6/6 and have a UL94V-2 flammable rating
- Black cable ties are U.V. stabilised to resist material breakdown and increase service life

Part Number	Description	Width	Length	Qty	Total Pack Qty
CTP07	Assorted Colours	3mm	100mm	300	500
		3mm	150mm	200	
CTP08	Assorted Colours	3mm	100mm	300	500
		3mm	200mm	200	
CTP21	Natural	3mm	100mm	300	300
CTP23	Natural	3mm	200mm	200	200
CTP22	Black	3mm	100mm	300	300
CTP24	Black	3mm	200mm	200	200

**TRIDON**

### Cable Ties Combo Packs

- 1000 popular sizes of cable ties in one handy pack
- Nylon cable ties are manufactured from virgin nylon 6/6 and have a UL94V-2 flammable rating



Part Number: CTCP10					
Width	Length	Total Pack Qty	Width	Length	Total Pack Qty
3mm	100mm	2 packs of 100	5mm	200mm	4 packs of 100
4mm	150mm	2 packs of 100	5mm	300mm	2 packs of 100

Part Number: CTCP1000							
Width	Length	Colour	Qty	Width	Length	Colour	Qty
3mm	100mm	Black	100	3mm	100mm	Natural	100
4mm	200mm	Black	100	4mm	200mm	Natural	100
4mm	300mm	Black	100	Various	Various	Various	500

### COOLERS (VENTILATION)

**AIRA**


### Aira Airacel Evaporative Cooler

The Aira Airacel evaporative cooler is a high efficiency Celpad evaporative cooler finish in heavy duty marine grade aluminium with low water content ABS non-corrosive water reservoir. cooling air quantities from 2120 L/S to 22800 L/S

Product Code: AIRACEL

### VENTILATOR - ROOF - FACTORY

**hydor**

### JVW JetVent Air Mover

Suspended from the roof, the JetVent Air Mover is a safe, economical and unobtrusive ventilation solution suitable for large indoor areas.

- Low profile design
- Economical to run
- Easy to install
- Galvanised steel housing



Part Number	Description
JVW6E	JetVent Warehouse Fan Single-phase
JVW6D	JetVent Warehouse Fan Three-phase



# ELECTRICAL & ACCESSORIES

## COOLERS

hydor

### CCE Compact Coolers

These portable Compact Coolers provide fast, immediate relief from hot and humid conditions.

- Powerful directional air flow
- Efficient, low-noise impeller
- Motor IP55 rated – suitable for adverse environments

Part Number	Description
CCE404	Compact Cooler - Standard
CCE564	Compact Cooler - Large

## DRYERS - HAND

hydor

### HHD Hand Dryers

Available in white or stainless steel, our range of automatic hand dryers provides a cost effective and hygienic means of non-touch drying of hands. Suitable for public amenities, food prep areas, hospitals and schools.

- Durable rolled sheet steel casing with epoxy paint finish
- High performance induction motor,
- IP44 protection with built-in thermal cut-out protection

Part Number	Description
HHD2500RW	Hand Dryer - Auto Beam - White
HHD2500RB	Hand Dryer - Auto Beam - Brushed Stainless Steel

## DUST BLOWER FANS

FANQUIP

### Radial Dust Blower Fan

Heavy industrial duty blower fan, used in all applications of materials and is rugged, has full steel construction and high pressure capabilities.

- IP55 rated
- Open wheel configuration to handle most materials
- Available in single phase and three phase
- Used for drying, cooling, conveying and exhausting

Model No.	Size (mm)	Motor KW	Air Volume l/s	Voltage
6-46-10-A2	100	0.75	340	240
6-46-20-A2	200	1.5	570	240
6-46-30-A2	300	3.0	1400	415
6-40-40-A2	400	4.0	1530	415

## DUST COLLECTORS

FANQUIP

### Dust Collector

Class leading dust collection units with heavy robust full steel powder coated construction. High capacity collection. Will collect and contain most materials.

- IP55 rated
- Mounted on castors
- Quick release bags
- Washable bags

Model No.	Motor KW	No. Bags	Air Volume l/s	Voltage
15-10481	0.75	1	330	240
15-13481	1.5	2	575	240
15-15481	2.2	4	912	240
15-16483	3.0	4	1256	415
15-17483	5.5	4	1576	415

## EXTENSION LEADS

ARLEC  
a World of Innovation

### Caravan Leads

Plug and socket rating 240 volt 15 amp with wide blade earth terminals (Note: not suitable for use with standard domestic power points). 15 Amp (1.5mm sq.) flex. For caravans, boats, welders and all high power applications. High visibility orange colour cable with clear plug and socket.

Part Number	Description	Size
CEL10	Caravan Extension Lead	10m
CEL15	Caravan Extension Lead	15m
CEL20	Caravan Extension Lead	20m

ARLEC  
a World of Innovation

### Extra Heavy Duty Leads

With neon safety light in socket. Clear 240 volt 10 amp plug and socket for safety inspection. Cable rating 15 amp. High visibility red extra heavy duty PVC sheath. Suitable for trade and construction sites. **Packaged:** Wrap around card

Part Number	Description	Size
REL10	Extra Heavy Duty Extension Lead	10m
REL15	Extra Heavy Duty Extension Lead	15m
REL20	Extra Heavy Duty Extension Lead	20m
REL30	Extra Heavy Duty Extension Lead	30m





### Twin Socket Extension Cord Reel

Reel has built in twin 240V 10A sockets with ON/OFF switch. Cable rating 10 amp with clear 240V 10A plug for safety inspection. High visibility red extra heavy duty PVC sheath. Suitable for trade and construction sites.

**Packaged:** Wrap around card



Part Number	Description	Size
ELR2	Twin Socket Extension Cord Reel	15m

## FANS - AXIAL



### CPE Square Plate Axial Fans

These square plate axial fans are a high quality product suitable for a wide range of industrial and agricultural applications.

- Available 7 sizes; 310 to 630mm
- Galvanised steel construction with high quality polyester epoxy finish
- Speed-controllable using electronic, auto-transformer or inverter controllers
- Can be mounted at any angle
- Weatherproof IP55 Motor



Part Number	Description
CPE0314F	315mm Square Plate Axial Fan
CPE0404F	400mm Square Plate Axial Fan
CPE0504F	500mm Square Plate Axial Fan

## FANS - CENTRIFUGAL



### HIT In-Line Centrifugal Fans

The Hydor HIT range of all-metal in-line centrifugal fans provide the ideal solution for high performance requirements in domestic and commercial ventilation applications.

- Three-speed motor as standard
- Fans can be mounted at any angle
- Quality robust construction with steel casing



Part Number	Description
HIT100	100mm Centrifugal Fans
HIT125	125mm Centrifugal Fans
HIT150	150mm Centrifugal Fans
HIT200	200mm Centrifugal Fans
HIT250B	250mm Centrifugal Fans
HIT315B	315mm Centrifugal Fans



### High Volume Centrifugal Fan

Heavy duty backward inclined Centrifugal Fan for application in all areas of air movement, exhausting, blowing, fume extraction, cooling, venting and steam extraction. Used in every field of operation, mining, industry, food, petro chemical, construction, HVAC.

- Available in stainless steel, Aluminium, hot dip galvanised
- Hazardous location option available
- High efficiency
- Custom mountings and configuration available



Model No.	Size (mm)	Motor KW	Air Volume l/s	Static Pressure pa
T4-72-30-A2	300	1.5	875/ 475	706/ 1127
T4-72-30-A4	300	1.1	440/ 236	176/ 284
T4-72-35-A2	350	2.2	1400/ 755	960/ 1530
T4-72-35-A4	350	1.1	700/ 378	235/ 382
T4-72-40-A2	400	5.5	2070/ 1122	1264/ 2000
T4-72-40-A4	400	1.1	1030/ 561	314/ 500
T4-72-45-A2	450	7.5	2822/ 1605	1600/ 2500
T4-72-45-A4	450	1.1	1500/ 800	390/ 640
T4-72-50-A2	500	1.5	4060/ 2200	1970/ 3140
T4-72-50-A4	500	2.2	2030/ 1100	490/ 784
T4-72-60-A4	600	4	5500/ 1900	706/ 1130
T4-72-60-A6	600	1.5	2320/ 1261	314/ 490

## FANS - EXHAUST - HEADER BOX



### HDC Header Box Ceiling Fan

The Hydor HDC range of quality, ceiling mounted, header box fans, has been designed to clear rooms of steam and reduce the build-up of unpleasant odours.

- Removable clip-in grille makes cleaning easy
- Easy to install design
- 6 minute run-on timer version available



Part Number	Description
HDC150	150mm outlet - Header Box Exhaust Fan
HDC100A	100mm outlet - Header Box Exhaust Fan

## FANS - EXHAUST - PORTABLE



### HPA Portable Blower

These fans offer excellent air flow and pressure capabilities, and are designed specifically to provide temporary or permanent ventilation for a wide variety of commercial and industrial applications.

- High performance axial-flow impeller design
- Durable rolled sheet steel casing with epoxy paint finish
- High performance induction motor, IP44 protection with built-in thermal cut-out protection



Part Number	Description
HPA300	Portable Air Blower



# ELECTRICAL & ACCESSORIES

## FANMASTER

### Compact Air Blaster

This innovative multi-purpose fan is excellent for dust and fume extraction, or can be used to supply fresh air to confined spaces. Available in HI-VIS yellow for added safety, the Compact Air Blaster is economical, affordable and is the perfect entry level air extractor and blower without the large cost. Flexible Ducting is also available and sold separately.



Part Number	Description
CAB200	200mm Compact Air Blaster 240V
CAB300	300mm Compact Air Blaster 240V
CAB450	450mm Compact Air Blaster 240V

## FANS - EXHAUST - ROOF

### hydor

### AE Roof Exhaust Fans

The axial roof units are designed to improve air quality by exhausting hot and stagnant air in a wide range of industrial applications.

- Available in 7 sizes; 310 to 630 mm
- Choice of 240V single-phase or 415 three-phase motors
- Speed-controllable using electronic or auto-transformer controllers



Part No.	Description	Part No.	Description
AE314D	300mm, Roof Fan	AE314V	300mm, Roof Fan
AE354D	350mm, Roof Fan	AE354V	350mm, Roof Fan
AE504D	500mm, Roof Fan	AE504V	500mm, Roof Fan
AE636D	630mm, Roof Fan	AE636V	600mm, Roof Fan

(Downflow discharge)

(Vertical discharge)

## FANS - EXHAUST - WALL

## FANMASTER

### Industrial Wall Exhaust Fan

The Industrial Wall Exhaust Louvered Fan is a efficient and effective wall exhaust fans suitable for industrial, commercial or domestic applications. The Industrial Wall Exhaust Fan can be used to extract heat, air or dust, or to ventilate a factory or garage. The Industrial Wall Exhaust Fan comes ready to be installed and hard-wired in.



Part Number	Description
IWEL300	300mm Wall Exhaust Louvered Fan 240V
IWEL350	350mm Wall Exhaust Louvered Fan 240V
IWEL400	400mm Wall Exhaust Louvered Fan 240V

### hydor

### HIW Window/Panel Fans

The HIW window/panel exhaust fans have been designed to efficiently clear rooms of steam and reduce the build up of unpleasant odours.

- Efficient fan design provides quiet smooth operation
- Easy and safe one person indoor installation
- Fitted with standard 240V plug and lead



Part Number	Description
HIW150	150mm Window / Wall Fan
HIW200	200mm Window / Wall Fan

## FANS - EXHAUST - WALL PLATE

### hydor

### HE Fan Range

A modern high quality range of industrial and agricultural propeller fans designed to pass large volumes of air with minimum use of energy.

- Available in sizes from 450 to 760 mm
- Quality robust construction incorporating stainless steel impeller
- Very efficient fan with low energy consumption



Part No.	Description
HE450/4/1	450mm, Plate Mounted High Efficiency Fan with Guards
HE500/4/1	500mm, Plate Mounted High Efficiency Fan with Guards
HE630/6/1	630mm, Plate Mounted High Efficiency Fan with Guards
HE710/6/1	710mm, Plate Mounted High Efficiency Fan with Guards
HE760/6/1	760mm, Plate Mounted High Efficiency Fan with Guards

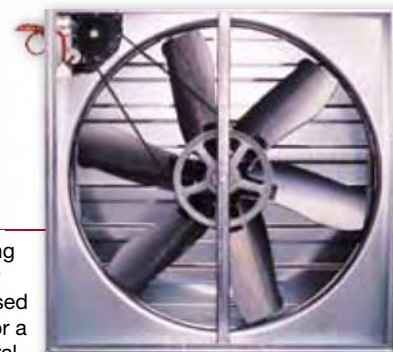
## FANS - EXHAUST LARGE INDUSTRIAL

### hydor

### HV Fan Range

Hydor HV fan includes six self-cleaning blades, a mesh safety guard on either side of the unit and a durable galvanised steel fan housing. They are suitable for a wide range of industrial and agricultural applications.

- Quality robust construction incorporating stainless steel propeller
- Automatic outlet louvre shutters
- Mobile unit available with wheels
- Choice of 240V single-phase, or 415 three-phase motors



Part Num.	Description
HV80M075L	800mm, Belt Drive Fan - 240V
HV100M100L	1000mm, Belt Drive Fan - 240V
HV125M150L	1250mm, Belt Drive Fan - 240V
HV80T075L	800mm, Belt Drive Fan - 415V
HV100T100L	1000mm, Belt Drive Fan - 415V
HV125T150L	1250mm, Belt Drive Fan - 415V

### COOLPOWER

### Floor Fan

- Quality 3 speed
- Angle adjustment
- Super quiet
- Carry handle



Model No.	Size (mm)	Motor KW	Air Volume l/s	Voltage
CPFX-50	500	0.2	900	240



## FANS - FLOOR - PORTABLE

### FANMASTER

#### Portable Floor Fan

The portable floor fans are excellent for circulating air and cooling in a wide variety of applications. The Portable Floor Fan comes with a 3 speed motor and the ability to be vertically adjustable. The fan's design and construction ensures that the fan circulates air both quietly and efficiently.



Part Number	Description
IFF300A	300mm Portable Floor Fan 3 Speed 240V
IFF400U	400mm Portable Floor Fan 3 Speed 240V
IFF450U	450mm Portable Floor Fan 3 Speed 240V
IFF500U	500mm Portable Floor Fan 3 Speed 240V

### hydor

#### HVF Tornado Fans

Tornado portable cooling fans provide quiet operation and a powerful, uniform distribution of air.

- 3-speed motor
- Adjustable air flow direction via locking knobs
- Wall mountable
- Carry handle for easy transport



Part Number	Description
HVF-30	300mm, Tornado Floor Fan
HVF-50	500mm, Tornado Floor Fan

## FANS - INDUSTRIAL - PORTABLE

### FANMASTER

#### Mancooler

The Mobile Mancooler is a heavy duty Australian made fan which circulates and extracts air. The Mobile Mancooler is available in single and 3-phase models and also as an optional intrinsically safe model. The Mobile Mancooler is currently used extensively in a wide range of industries. They can be used to circulate air in a factory environment or be used to evacuate smoke, fumes or dust from a work place. Available in a range of sizes to suit various needs.



Part Number	Description
MC3-370-4	300mm Mini Mancooler 0.37kW 240V
MC4-370-4	400mm Mini Mancooler 0.37kW 240V
MC6-370-4	600mm Mobile Mancooler 0.37kW 240V
MC8-15-4	800mm Mobile Mancooler 1.5kW 240V
MC10-3-8-3	1000mm Mobile Mancooler 3kW 415V

## FAN MISTING KIT ONLY

### hydor

#### HMIST Misting Kits

These kits are based on principles of evaporative cooling - the process of removing heat from the air by introducing water vapour to it.

- Easy to install on to most cooling fans
- Available in 3, 5 and 7 nozzle kits
- O-ring fitted on all nozzles to minimise leaks
- 19mm hose adaptor fitted with a low maintenance stainless steel filter



Part Number	Description
HMIST3	Misting Kit - 3 Nozzle
HMIST5	Misting Kit - 5 Nozzle
HMIST7	Misting Kit - 7 Nozzle

## FANS - MISTING - INDUSTRIAL

### FANMASTER

#### Industrial Misting Fan

The Industrial Misting Fan is highly portable and comes on a cart with brakes located on the wheels for added safety. The Pedestal model has a 30L tank which is capable of over 3 hours of full mist. The Industrial Misting Fan can also be used as a fan only.



Part Number	Description
IMF650	650mm Industrial Misting Fan 3 Speed 240V
IMF650W	650mm Wall Mounted Misting Fan 3 Speed 240V

### COOLPOWER

#### Mobile Misting Fan

- Perfect cooling solution for all environments
- Integral water reservoir
- 3 speed
- Adjustable cooling rate
- Water lasts up to 8 hours



Model No.	Fan Dia (mm)	Motor KW	Volume Litres / Sec	Voltage
CPAC-65M	650	0.3	6500	240



# ELECTRICAL & ACCESSORIES

## FANS - PEDESTAL - INDUSTRIAL

**FANMASTER**

### Industrial Pedestal Fan

Introducing the premium range of Fanmaster pedestal fans. These fans move large volumes of air ensuring good circulation and a cool environment. The Industrial Pedestal Fan is suited to industrial applications of air circulation and cooling in large factories and warehouses.

Part Number	Description
IFP500	500mm Industrial Pedestal Fan 3 Speed 240V
IFP600	600mm Industrial Pedestal Fan 3 Speed 240V
IFP750	750mm Industrial Pedestal Fan 3 Speed 240V
IFP850	850mm Industrial Pedestal Fan 3 Speed 240V

**FANQUIP**

### Pedestal or Wall Mount

The answer to Australia's harsh conditions. Australian made, heavy duty, hoseproof air circulator for all applications.

- 3 size options
- Dual speed
- Strong durable construction
- IP56 hoseproof rated
- Class leading air volume
- Options available are
  - Full stainless steel construction
  - Epoxy coated
  - Three phase
  - Hazardous location rated

Model No.	Size (mm)	Motor KW	Air Volume l/s	Voltage
5-46241P	460	0.20	3000	240
5-60241P	630	0.20	6500	240
5-80161P	810	0.20	17000	240
5-46241W	460	0.20	3000	240
5-60241W	630	0.20	6500	240
5-80161W	810	0.37	17000	240

Please Note:  
P= Pedestal Fan  
W= Wall Fan

**hydor**

### HPF Pedestal & HWF Wall Cooling Fans

Available in wall mounted and floor stand versions, these fans are an inexpensive way of providing localised air movement for relief from hot and humid conditions.

- Powerful 635mm diameter fan
- 90° oscillation
- 3-speed motor

Part Number	Description
HWF650	Pedestal Fan - Wall Mounted
HPF650	Pedestal Fan - Floor Stand

## FANS - WALL - INDUSTRIAL

**FANMASTER**

### Industrial Wall Fan

Introducing the premium range of Fanmaster wall fans. These fans move large volumes of air ensuring good circulation and a cool environment. The Industrial Wall Fan is suited to industrial applications of air circulation and cooling in large factories and warehouses.

Part Number	Description
IFW500	500mm Industrial Wall Fan 3 Speed 240V
IFW600	600mm Industrial Wall Fan 3 Speed 240V
IFW750	750mm Industrial Wall Fan 3 Speed 240V
IFW850	850mm Industrial Wall Fan 3 Speed 240V

**COOLPOWER**

### Air Circulator

- Ideal large volume air circulation for any industrial or commercial situation
- Packaged as 1 unit with pedestal and wall mount included
- 3 speed
- Robust configuration
- Fixed or oscillating
- Adjustable height pedestal

Model No.	Fan Dia (mm)	Motor KW	Air Volume l/s	Voltage
CPAC-46PW	450	0.1	1800	240
CPAC-75PW	750	0.2	7500	240



## FANS - PURGING



### Portable Purging Fan

Plastic encased portable purging fan provides positive and negative airflow, is lightweight, stackable and impact resistant. The fan is great for confined space areas, is Australian standards compliant and industrial duty.



Model No.	Size (mm)	Motor KW	Air Volume l/s	Voltage
CP16-30PL	300	0.75	1100	240

## FANMASTER

### Purging Fan

The Purging Fan is a robustly built heavy duty Australian Made ventilator. These heavy-duty space ventilators are excellent for confined spaces, to supply or extract air, fumes, heat or vapour. The Purging Fan comes in both 240v or 415v options and can also be ordered as intrinsically safe.



Part Number	Description
PF3-11-2	300mm Purging Fan 0.55kW 240V
PF3-11-2-3E	300mm Purging Fan (Intrinsically Safe) 415V
PF4-15-2	400mm Purging Fan 1.5kW 240V
PF4-22-2-3E	400mm Purging Fan (Intrinsically Safe) 415V



### Heavy Duty Purging Fan

Robust lightweight aluminium portable purging fan unit suitable for all areas of extraction, supply air, cooling and venting.

- High efficiency motors
- Single and three phase available
- Standard with 5m of flexible duct including quick connect couplings
- Used by all major port authorities and utilities companies.



Model No.	Size (mm)	Phase	Motor KW	Air Volume l/s	Voltage
16-30481	300	1	1.10	1200	240
16-30483	300	3	1.10	1200	415
16-40481	400	1	1.50	2200	240
16-40483	400	3	2.20	2500	415



### Portable Purging Fan

The ideal portable ventilation unit, light steel construction, multi-functional, suitable for all situations of venting, exhausting, confined space ventilation and cooling.

- Includes 5m of flexible ducting
- High powered
- Fully guarded



Model No.	Size (mm)	Motor KW	Air Volume l/s	Voltage
CP16-202	200	0.3	600	240
CP16-302	300	0.6	1000	240
CP16-402	400	1	1700	240

## FANS - RECIRCULATING



### HCFE Agri-Circulators

These fans come fully assembled, ready to hang, plug in and perform in a wide range of industrial and agricultural applications.

- Epoxy painted casing
- Powerful air flow
- High quality, speed controllable, IP55 motor
- Available in 2 sizes ; 450 and 630mm diameter



Part Number	Description
HCFE454	450mm, Agri-circulator
HCFE636	630mm, Agri-circulator

## FANS - STIRRING



### HSF Stirring Fans

These robust units have been specifically designed to achieve a long, wide air throw in most environments and applications.

- Available with optional inbuilt speed controller
- Lightweight, robust, Alu-Zinc coated steel construction
- Waterproof junction box with plug and lead
- High quality, speed controllable, IP55 motor



Part Number	Description
HSF636	630mm, Hydor Stirring Fan

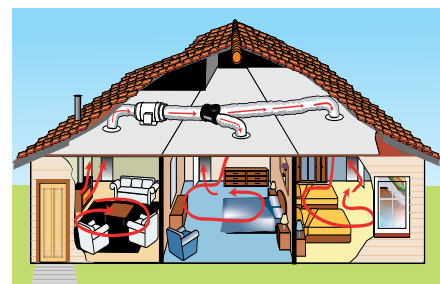
## HEAT TRANSFER KITS



### HHTK Heat Transfer Kits

Heat Transfer Kits are designed to draw warm air from a room with a heat source such as a fireplace or potbelly stove, and deliver this warm air to other areas of the house.

- Easy to install and economical to run
- 3 Kits sizes available; 1 to 1, 1 to 2 and 1 to 3 rooms
- Includes fan, duct and grilles



Part Number	Description
HHTK1-1	Heat Transfer Kit - 1 Outlet
HHTK1-2	Heat Transfer Kit - 2 Outlets
HHTK1-3	Heat Transfer Kit - 3 Outlets



# ELECTRICAL & ACCESSORIES

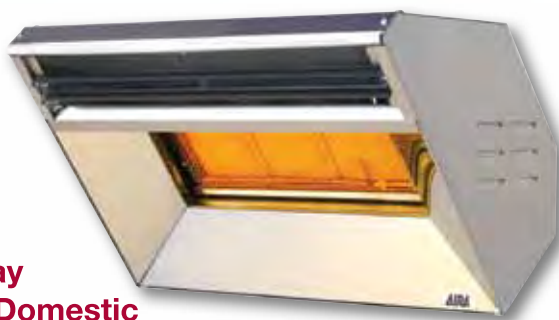
## HEATERS - COMMERCIAL

**AIRA**

### Aira Super Ray Commercial/Domestic Wall Mounted Outdoor Heater

Aira Super Ray commercial/domestic wall mounted outdoor heater. Models available in LPG or NG 24MJ/Hr = 7.0 Kw output will heat an outdoor area of approximately 24 square metres C/W stainless steel casing and reflector On/Off burner control manual pull cord ignition (No power required).

Product Code: WMO24LP



**AIRA**

### Aira Super Ray Commercial/Domestic Wall Mounted Outdoor Heater

Aira Super Ray commercial/domestic wall mounted outdoor heater 25MJ/Hr = 7.3 Kw output will heat an outdoor area of approximately 24 square metres C/W stainless steel casing and reflector battery or optional electric ignition with High/Low burner operation also available optional remote control unit and battery saver power pack.

Product Code: WEO25NG

## HEATERS - DIESEL - INDUSTRIAL

**FANMASTER**

### Industrial Diesel Fan Heater

The Industrial Diesel Fan Heater is designed to provide instant, effective and reliable source of heat to a wide range of industrial, agricultural and commercial users where adequate ventilation is available. Complete with fuel tank and wheels for added portability, it is ideally suited for building and drying applications.

Part Number	Description
IDH-20	Industrial Diesel fan Heater 20kW 240V 24L Tank
IDH-30	Industrial Diesel fan Heater 30kW 240V 24L Tank



**COOLPOWER**

### Diesel Heater Unit

Heavy duty mobile diesel heater to fast cost effective heating for your construction site, workshop and assembly plant.

- Mobile - large diameter wheels
- High output
- Internal reservoir
- Low fuel consumption

Model No.	KW Capacity	Heat Generated (Kj)	Voltage
CPDK-2001	20	68,340	240
CPDK-3001	30	95,620	240



## HEATERS - ELECTRIC - INDUSTRIAL

**FANMASTER**

### Portable Electric Heater Blowers

Electric Portable Heater Blower is designed and built specifically for the harsh Australian environment. Australian made, the Electric Portable Heater Blower is primarily used for heating or drying purposes and for applications where the naked flame of gas fired heaters cannot be used due to flammable or toxic environments.

Part Number	Description
PHB3-9	Portable Electric Heater Blower 400mm 415V 9kW
PHB3-15	Portable Electric Heater Blower 400mm 415V 15kW
PHB3-22	Portable Electric Heater Blower 500mm 415V 22kW



**FANMASTER**

### Compact Air Blaster

The Industrial Fan Heaters are designed for heating or drying purposes in a well insulated, draft free environment. They emit a gentle airflow of warm air. Multiple heat settings are available and the Industrial Fan Heater can even be used as a fan on those hot days where only air circulation is required. Available in single phase 240v or 3 phase 415v models.

Part Number	Description
IFH-2	Industrial Fan Heater 2kW 240V 10A plug
IFH-3	Industrial Fan Heater 3kW 240V 15A plug
IFH-5	Industrial Fan Heater 5kW 415V 10A plug
IFH-9	Industrial Fan Heater 9kW 415V 20A plug
IFH15	Industrial Fan Heater 15kW 415V 32A plug





## FANMASTER

Manufacturers and Suppliers of Industrial Fans, Heaters & Ventilation Equipment

### SPACE HEATING FACTS

Space Heaters try to warm all the air in a space. They use either electric elements or a naked flame from LPG or Diesel power units, to warm the air, which is distributed by a fan.

Space heaters are suited to appropriately sized enclosed environments ideally insulated and sealed from drafts.

High roofs, open doors / windows & drafts will significantly reduce the performance of space heaters. In these situations radiant heaters are best considered.



Space Heating is perfect for enclosed workshops and factories.

### HEATER - ELECTRIC - INDUSTRIAL



#### Electric Heater Unit

Rugged industrial electrical heater for all applications

- Thermostat control
- Multi-speed fan
- Three phase 4 pin plug
- Single phase 3 pin plug



Model No.	KW Capacity	Full Load current (amps)	Voltage
CPE-201	2	10	240
CPE-301	3	15	240
CPE-503	5	10	415
CPE-903	9	20	415
CPE-1203	12	32	415
CPE-1803	18	32	415
CPE-2203	22	32	415

### HEATERS - ELECTRIC WALL/PORTABLE



#### Commercial Quartz Radiant Heater

The Commercial Quartz Radiant Heater provides radiant heat that warms the people and objects in its beam. These heaters are excellent for warming staff, customers and movable work-stations. With 3 heat setting as standard the Quartz Radiant Heater heats an area of 12sqm easily and is suitable for both indoor and covered outdoor use.



Part Number	Description
ICH-2P	Quartz Radiant Heater Pedestal Mount 3 Settings 2kW
ICH-2W	Quartz Radiant Heater Wall Mount 3 Settings 2kW

### HEATERS - ELECTRIC - PORTABLE



#### Industrial Red Radiant Heater

The Red Radiant heater features two independently operated 1500 watt halogen heating elements creating instantaneous, radiant heat. They are fitted within a robust shell and mounted on castors for portability. It is best suited to open indoor and covered outdoor settings.



Part Number	Description
IRR	Industrial Red Radiant Heater 15A Plug 240V 3000W



#### Heavy Duty Heater Fan

Heavy duty robust electric heater fan unit for use in all industrial, mining, food and construction applications.

- Available in both trolley mounted and wall mounted options
- High efficiency
- 415V 3 phase power
- Integral thermal cut-out



Model No.	KW Capacity	Heat Generated( KJ)	Voltage
11-703	7	25 200	415
11-1403	14	50 400	415
11-1803	18	64 800	415
11-2403	24	86 400	415
11-3603	36	129 600	415



# ELECTRICAL & ACCESSORIES

## HEATERS - HALOGEN - FLOOR

**FANMASTER**



### Industrial Halogen Heaters

Unlike ordinary heating systems, the Industrial Halogen Heater produces instantaneous heat. The Industrial Halogen Heater offers portable instant heat, which is radiant and warms people and or objects, not the air. This makes the Industrial Halogen Heater both efficient and economical.

Part Number	Description
IHH-W	Halogen Heater Wall Mounted 1300W 240V
IHH-F	Halogen Heater Floor Mounted 1300W 240V
IOH-W	Outdoor Halogen Heater Wall Mounted 1000W IP55 Rated



### LPG Heater Unit

Cost effective reliable heating method

- Portable
- 240V single phase power
- Suits most applications
- Efficient LPG consumption

Model No.	KW Capacity	Heat Generated (Kj)	Voltage
CPG-1001	10	30,000	240
CPG-1501	15	55,000	240
CPG-2001	20	72,000	240
CPG-3001	30	102,000	240
CPG-4001	40	132,000	240
CPG-5001	50	200,000	240

**FANMASTER**



### LPG Radiant Heater

Suitable for areas where heating large quantities of cold air is uneconomical due to either high rooflines, poor insulation or draughty areas. Specifically for open eating areas, factory or commercial environment, the portable units are excellent for warming staff and movable work stations.

Part Number	Description
102P	Portable LPG Radiant Heater 12-16MJ c/w Pedestal Stand
104P	Portable LPG Radiant Heater 24MJ c/w Pedestal Stand
102M	Wall Mount LPG Radiant Heater 12MJ Manual start
104M	Wall Mount LPG Radiant Heater 12MJ Manual start

## HEATERS - NATURAL GAS - WALL

**AIRA**

### Aira Super Ray Industrial Mobile Heater

Aira Super Ray Industrial mobile heater with trolley 24MJ/Hr = 7.0 Kw output will heat indoor area of approximately 28 Square metres C/W stainless steel reflector safety tip over switch. Available in four sizes 16Mj, 24Mj, 40Mj and 48Mj, all with on/off burner control.

Product Code: WFA24LP



**AIRA**

### Aira Super Ray Wall Mounted Infra-Red Commercial Heater

Aira Super Ray wall mounted Infra-red Commercial heater 24MJ/Hr = 7.0 Kw output will heat an indoor area of approximately 28 Square metres C/W stainless steel reflector and On/Off burner control. Also available 16Mj, 40Mj and 48Mj models. Model available in Natural Gas with optional electric ignition.

Product Code: WMA24LP





## HEATERS/COOLERS (VENTILATION)

# AIRA



### Aira Heating/Cooling/Ventilating Unit

Aira HCV is a (heating/cooling/ventilating) unit, this one piece packaged design product delivers low cost evaporative cooling, modulated gas heating and fresh air ventilation. Heating outputs from 28.1 Kw's to 140.6 Kw's output. Cooling outputs from 2120 L/S to 16000 L/S.

**Product Code:** HCV

## POWERBOARDS




### 4 Outlet Powerboard

Slimline Powerboard - 4 outlet, each with individual ON/OFF switch. Rating 240 volt 10 amp 2400 watt. Overload protected - manual reset function.

**Packaged:** Clamshell

Part Number	Description
PB44	Individually Switched 4 Outlet Powerboard




### 4 Outlet Powerboard

Slimline Powerboard - 4 outlet. Rating 240 volt 10 amp 2400 watt. Overload protected - manual reset function. 1 metre mains cord.

**Packaged:** Polybag with header card

Part Number	Description
FWP	4 Outlet Powerboard

## POWER BLOCKS



### Portable Power Block Safety Switch

Portable Power Block - 4 outlet, each with individual Double Pole ON/OFF switch. Rating 240 volt 10 amp 2400 watt. In built Residual Current Device (RCD) safety switch to protect against electric shock, trip current 30mA. IP44 weatherproof rating. Overload protected 10A - Manual reset function.



Part Number	Description
PB94	Portable Power Block 4 Outlet Safety Switch



### Heavy Duty 4 Outlet Safety Switch

Portable Safety Switch with RCD & MCB Protection. 4 shuttered outlets, each with individual Double Pole ON/OFF switch. Rating 240 volt 10 amp 2400 watt. In built RCD safety switch. In built MCB - Overload protected 10A - manual reset function. Suitable for use on construction and demolition sites. Complies with AS/NZS 3012.



Part Number	Description
PB96	Heavy Duty 4 Outlet Safety Switch

## SAFETY SWITCHES



### Single Outlet Safety Switch

Single outlet plug in adaptor with in-built residual current device (RCD) safety switch for protection against electric shock. Surge protected power outlet to protect against potentially damaging voltage surges and spikes. Tripping current 30mA.

**Packaged:** Clamshell



Part Number	Description
PB91	Single Outlet Safety Switch



### Heavy Duty 4 Outlet 15A Safety Switch

Portable Safety Switch with RCD & MCB Protection. 4 shuttered outlets, each with individual Double Pole ON/OFF switch. Rating 240 volt 15 amp 2400 watt. In built RCD safety switch to protect against electric shock, trip current 30mA. Suitable for use on construction and demolition sites. Complies with AS/NZS 3012.



Part Number	Description
PB97	Heavy Duty 4 Outlet 15A Safety Switch.

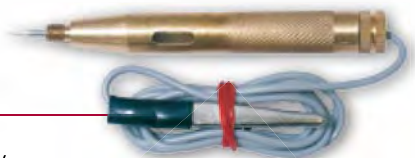
## TESTERS - CIRCUIT



### Circuit Tester

- Brass
- 12V
- Needle Probe
- Solid Brass Body

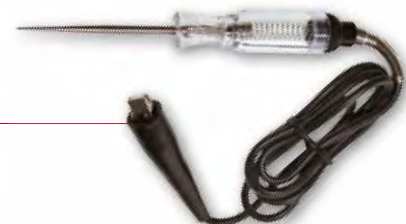
**Part Number:** 10427




### Circuit Tester

- 6, 12 and 24V
- Heavy Duty
- Lead - 1.53m

**Part Number:** 10428





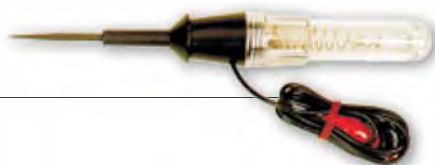
# ELECTRICAL & ACCESSORIES

**KC TOOLS**  
SPECIALITY

## Dual Circuit Tester

- 6 and 12V
- Lead - 1.22m

Part Number: 10426



**ABV Tools**

## Deluxe Circuit Tester

Safe for use on all computerised vehicle systems.  
Insulated probe.  
LED glows red (+) and green (-).

Part Number: 70085



## TESTERS - MULTIMETER

**KC TOOLS**  
SPECIALITY

## Digital Multimeter

- AC/DC voltage
- Resistance - 20M (OHM)
- DC current with battery test - 200mA
- Lead length - 750mm

Part Number: 08430



**ABV Tools**

## Digital Multimeter with Temperature

- Compact size, economical price
- Complete with rubber holster
- Full function with temperature
- Supplied with thermocouple
- Great general purpose meter
- Continuity Buzzer
- Diode Test

Part Number: CM1200T



**ABV Tools**

## Deluxe Automotive Multimeter

Oversized high contrast 4000 counts with bar graph back-light LCD Display. PRM measurement for automotive engines with 1 to 12 Cylinders using the inductive pick-up.

- 16 Functions: DCV, ACV, DCA, ACA, Resistance, RPM(Tach), Dwell, Angle, Duty Cycle, Frequency

Part Number: 70917



## TESTERS - VOLTAGE

**Crescent**

## Voltage Tester 12V-600V

- Voltage detection range 12-600V AC, 50-60Hz
- Adjustable sensitivity allows tracing of wires behind walls, at switches or receptables
- Features include sensing tip, 360° visual indicator and sensitivity adjustment

Material No. CVS600V



## THERMOMETER - INFRARED

**ABV Tools**

## Non-Contact Infrared Thermometer

Quickly and easily obtains surface temperatures of any object. Simply point, Pull trigger and Read Display. Temperature Range: -50 to 500°C (-58 to 932°F). In-built laser sighting for aim.

Part Number: 70618



**ABV Tools**

## 70918 - Pocket Infrared Thermometer with Laser Pointer

6:1 Distance to Spot size ratio.  
Large LCD screen shows readings in F° or C°.  
Easy to use. Range: -30 to 270°C, -22 to 518°F  
User selectable °C or °F. Laser targeting.

Part Number: 70918



## TORCHES - HEAD LAMP

**Precision**

## 17 LED Head Lamp

- 17 LED Head Lamp with adjustable head strap and adjustable inclination
- Works on 3 x AAA batteries

Part No. KM0502204



## TORCHES - PORTABLE

**PowerCell**

## Powercell Essentials - Torches



Part Number	Description
PCLED01	LED Mini Torch (9 LED)
PCLED02	LED Mini Torch (21 LED)
PCLED03	LED Headlamp (10 LED/3 Stage)
PCLED05	Keyring LED Torch in Giftbox
PCLED06	24 LED Camping/Café/Outdoor Light
PCLED07	3 Watt Lion Rechargeable LED Torch
PCLED08	3 Watt Super Bright LED Torch
TOR64516	Rubber Lantern Torch 6V (4 x D) - Water Resistant



## TORCHES - RECHARGEABLE



### Rechargeable Torch and Spotlight

Powerful quartz halogen bulb provides clean white light. Weatherproof construction. Rechargeable with AC/DC charger or car cigarette lighter adaptor (both included). Swivel handle converts to pistol grip. Adjustable stand that can be used as a carry handle. Fitted with 6 volt 4 amp hour sealed lead acid battery.



Part Number	Description
RT500	Rechargeable Torch and Spotlight



### Rechargeable Spotlights

- 2, 5 and 10 million candle power Quartz halogen spotlights.
- Equipped with sealed lead acid batteries.
- Dual recharge facility, either by AC/DC charger or 12 volt DC car charger.
- Weather proof construction, ideal for fishing, camping and other outdoor activities.



Product Code	Description
RL2M	2 Million Candle, Rechargeable
RL5M	5 Million Candle, Rechargeable
RL10M	10 Million Candle, Rechargeable



### 70 LED Lamp and 17 LED Torch Rechargeable

- 60 LED work lamp and 17 LED torch
- 240V and 12V chargers
- Water, oil and shock resistant

Part No. KM0501125

## TORCH - SOLAR



### Hybrid Solar Lite™

- The Hybrid Solar Lite™ uses revolutionary technology that generates power from any light source and stores it.
- Super bright 40 Lumens LED
- Battery back up.
- Extremely durable, yet lightweight (112g)

Part No. PST-001175



## WORK LIGHT - FLURO



### 240 volt Fluorescent Work Light

Long life 11 watt fluorescent tube included. 240 volt power point plug-in. Weather resistant, high impact resistant casing with hang hook. Ideal for workshop and on-site use. 5 metre mains cord.

Packaged: Colour carton



Part Number	Description
WL11	240 volt Fluorescent Work Light

## WORK LIGHT - HALOGEN



### Halogen Work Light

- With tripod and 2 x 500w lights
- Both lights pivot 90° & rotate 270°
- Cast aluminium lamp housings
- 180cm height
- Heavy duty base
- Tempered glass lens with metal grills
- Tool bag supplied
- Sealed 3 position switch
- Large cushioned grip insulated metal handles

Part No. KM0501015T





# ELECTRICAL & ACCESSORIES



## 500 watt Portable Halogen Floodlight

500 watt linear tungsten halogen tube included. 240 volt power point plug-in. Weather resistant, die cast aluminium construction with safety grille. Adjustable stand. Ideal outdoor portable light for work sites.

**Packaged:** Colour carton



Part Number	Description
HL10	500 watt Portable Halogen Floodlight

## WORK LIGHT - HEAVY DUTY



### Heavy Duty Work Light

Heavy Duty General Work Light for workshop and on-site use. High impact resistant casing with hang hook and spring clip. Runs from 240 volt mains. 3 metre mains cord. On/Off switch. Uses general household type ES globe or compact fluoro (Max. 60 Watts). High efficiency internal reflector.



Part Number	Description
WL17	Heavy Duty Work Light

## WORK LIGHT - LED



### Cordless LED Workshop Light

- 36 LED elements – 30 on the full length poly tube and 6 at the top
- Approximately 10 hours as a secondary light source before recharging is required
- Full recharge time of approximately 2.5 hours
- 7.2V 1800m/Ah – NIMH rechargeable battery included
- LED life rated at 100,000 hours
- Docking station, magnetic holder, hanging clip and 12 & 240 volt rechargers all inclusive
- Ideal rechargeable light source for industrial plants, mechanical workshops, food and beverage facilities, mine sites and mineral processing operations

**Part Number:** 20022



### Cordless LED Workshop Light

- 30 high intensity LEDs emit 7-8 hours of light before recharging is required
- Full recharge time of 5 hour
- Shatterproof polycarbonate lens and resistant to water, grease and oil
- 3.7V 3600m/Ah – LIPOYMER rechargeable battery included
- Ergonomical and compact design with rubber grip
- Low battery indicator light visually confirms when recharging is required
- Docking station, 360° fold away swivel hook, and 12 & 240 volt rechargers all inclusive
- Ideal rechargeable light source for industrial plants, mechanical workshops, pulp and paper processing operations and petrol-chemical plants

**Part Number:** 20044



### Rotating Magnetic LED Work Light

- Sturdy aluminium housing with 24 high intensity LED lights
- Aluminium lighted head rotates to adjust beam to needed angle
- Strong magnetic base attaches to any ferrous metal surface in seconds
- Bridges a work light with a high quality flashlight
- Supplied with 3 AAA batteries

**Part No.** RT-2LT



### 30 LED Rechargeable Work Light

- Portable rechargeable 30 LED work light
- Structure made of shock proof and oil resistant rubber
- 5 hours of operation
- Shatterproof polycarbonate lens
- Fold away swivel hook

**Part No.** KM0501106



### 160 LED Rechargeable Work Light

- Shockproof, portable work light with 160 x 5mm white long life LEDs
- Supplied with 240 V and 12 V chargers
- High luminosity for low energy consumption
- Suitable for indoor and outdoor use

**Part No.** KM0501181





# HOSE & FITTINGS

## ASSORTMENT KITS – O-RINGS



### Master Pack

- 810 piece Rubber O Rings
- Metric 19 sizes 3 x 2 mm to 25 x 3.5 mm
- Imperial 14 sizes 3/16" x 1/16" to 1" x 1/8"

**Part Number: 102.556**

### Trade Pack

400 piece Rubber O Rings 10 sizes Metric - 5 x 2 mm to 19 x 2.5 mm

**Part Number: 102.115**



## BANDIMEX BANDING

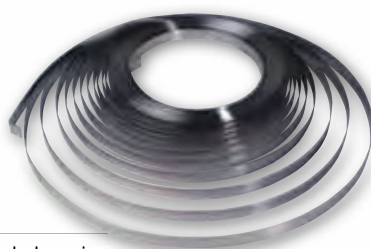


### BANDIMEX – Banding

BANDIMEX BANDING® is a flexible band clamping system which is available in various band widths and two material grades to suit a broad range of applications and environments.

- Professional Banding: Quick – Easy – Convenient – Cost Effective
- Banding also available in handy carry dispensers
- Low Cost – High Quality (Made in Germany)
- Durable – not affected by moisture

Product Code	Description
<b>B202</b>	Bandimex S/Steel Banding - 6.4mm (1/4)x 30m Roll - Box
<b>B203</b>	Bandimex S/Steel Banding - 9.5mm (3/8) x 30m Roll - Box
<b>B204</b>	Bandimex S/Steel Banding - 12.7mm (1/2) x 30m Roll - Box
<b>B205</b>	Bandimex S/Steel Banding - 16.0mm (5/8) x 30m Roll - Box
<b>B206</b>	Bandimex S/Steel Banding - 19.0mm (3/4) x 30m Roll - Box
<b>B803</b>	Bandimex S/Steel Banding - 9.5mm (3/8) x 30m Roll - Tote
<b>B804</b>	Bandimex S/Steel Banding - 12.7mm (1/2) x 30m Roll - Tote
<b>B805</b>	Bandimex S/Steel Banding - 16.0mm (5/8) x 30m Roll - Tote
<b>B806</b>	Bandimex S/Steel Banding - 19.0mm (3/4) x 30m Roll - Tote
<b>B430</b>	Bandimex S/Steel JUMBO Band - 19.0mm (3/4) x 30m Roll
<b>B431</b>	Bandimex S/Steel JUMBO Band - 25.0mm (1") x 30m Roll
<b>B432</b>	Bandimex S/Steel JUMBO Band - 32.0mm (1 1/4) x 30m Roll



## BANDIMEX BANDING BUCKLES



### BANDIMEX – Buckles



Used in combination with stainless steel banding and a clamping tool, the stainless steel buckles are used to tension and join the two ends of the banding in order to form a custom size clamp.

Available in:

- 2 Material Grades (CrNi stainless steel and CrNiMo (316) stainless steel)
- Bandwidths from 6.4 – 32.0 mm
- Standard and Jumbo
- Hammer ear

Product Code	Description
<b>S252</b>	Bandimex S/Steel Buckles - 6.4mm (1/4)x 100 Pieces
<b>S253</b>	Bandimex S/Steel Buckles - 9.5mm (3/8) x 100 Pieces
<b>S254</b>	Bandimex S/Steel Buckles - 12.7mm (1/2) x 100 Pieces
<b>S255</b>	Bandimex S/Steel Buckles - 16.0mm (5/8) x 100 Pieces
<b>S256</b>	Bandimex S/Steel Buckles - 19.0mm (3/4) x 100 Pieces
<b>S440</b>	Bandimex S/Steel JUMBO Buckles - 19.0mm (3/4) x 100 Piece
<b>S441</b>	Bandimex S/Steel JUMBO Buckles - 25.0mm (1") x 100 Piece
<b>S442</b>	Bandimex S/Steel JUMBO Buckles - 32.0mm (1 1/4) x 100 Piece

## BANDIMEX BANDING CLAMPS



### BANDIMEX – Pre-formed Clamps

Pre-formed clamps are already formed to fit onto the hose in a double wrap format. Available in stainless steel in pre-formed sizes from 19.0mm to 152.0mm.

- High clamping force for high pressure applications
- Bandwidths from 6.4 – 19.0mm
- Band thickness 0.5 – 0.75mm
- CrNi Stainless Steel



Product Code	Size	Product Code	Size
<b>V240</b>	19.0mm x 6.4mm	<b>V207</b>	51.0mm x 16.0mm
<b>V201</b>	21.0mm x 6.5mm	<b>V208</b>	57.0mm x 16.0mm
<b>V242</b>	25.0mm x 6.4mm	<b>V209</b>	64.0mm x 16.0mm
<b>V243</b>	25.0mm x 9.5mm	<b>V230</b>	70.0mm x 12.7mm
<b>V203</b>	25.0mm x 12.7mm	<b>V210</b>	70.0mm x 19.0mm
<b>V204</b>	32.0mm x 12.7mm	<b>V246</b>	76.0mm x 9.5mm
<b>V202</b>	35.0mm x 9.5mm	<b>V211</b>	76.0mm x 19.0mm
<b>V241</b>	35.0mm x 6.4mm	<b>V231</b>	89.0mm x 12.7mm
<b>V252</b>	38.0mm x 6.4mm	<b>V212</b>	89.0mm x 19.0mm
<b>V205</b>	38.0mm x 16.0mm	<b>V213</b>	102.0mm x 19.0mm
<b>V236</b>	45.0mm x 12.7mm	<b>V214</b>	114.0mm x 19.0mm
<b>V206</b>	45.0mm x 16.0mm	<b>V215</b>	127.0mm x 19.0mm
<b>V245</b>	48.0mm x 9.5mm	<b>V216</b>	152.0mm x 19.0mm



# HOSE & FITTINGS

## BANDIMEX BANDING TOOLS



### BANDIMEX Banding – Tools (Hand tools)



Specifically designed to tighten and cut banding and pre-form clamps in the field or workshop. The tools can be used with most brands of banding available. The standard tool has a tensioning capacity of over 1 t – the Jumbo tool exceeds 2.5 t. A range of spare parts and replacement cutting blades are available.

Tools available:

- **Bandimex Tensioning Tool:** Tensioning Capability over 1.0 t.
- **Bandimex Jumbo-Tool:** The Bandimex Jumbo-Tool is used to apply Bandimex Jumbo-Band and Bandimex Jumbo-Buckles (Tensioning capability over 2.5 t).
- **Bandimex Cutter**

Product Code	Description
W001	Bandimex Standard Banding Tightening and Cutting Tool
W402	Bandimex JUMBO Banding Tightening and Cutting Tool
V001	Bandimex Pre Form Cutting Tool - Vice
V050	Bandimex Pre Form Cutting Tool - Field

**Bandimex Pre Form Cutting Tool – Vice:** To apply Bandimex Preformed Clamps. For use with the Bandimex Tensioning Tool W001 fixed in a vise.

**Bandimex Pre Form Cutting Tool – Field:** To apply Bandimex Preformed Clamps. For use with the Bandimex Tensioning Tool W001 fixed in a vise as well as for portable applications.



### Dixon Double Bolt Clamp No Saddles

Part Number	Hose OD From	Hose OD To	Torque ft/lbs
J48	28.6	30.2	15
J49	30.2	34.9	21
JX49	36.5	38.9	21
DL14	41.3	46.0	40
DL20	44.5	52.0	27
DL24	53.6	58.3	27
DL32**	58.7	66.7	40
DL275	63.5	69.9	40
DL306	69.9	77.8	60
DL328	77.8	85.7	60
DL350	82.6	88.9	60

## CLAMPS - BOLT



### Dixon Double Bolt Clamp with Saddles

Part Number	Hose OD From	Hose OD To	Torque ft/lbs
400	88.9	96.8	40
431	96.0	103.2	40
463	102.4	108.7	40
525	108.0	125.4	60
550	114.3	133.4	60
600	130.2	144.5	60
639	144.5	150.8	60
675	150.8	165.1	60
769	165.1	192.1	60
818	195.3	208.0	125
875	209.6	225.4	125
988	227.0	250.8	125
1125	252.4	288.9	15
1275	284.2	330.2	125
1360	309.6	355.6	200
1450	335.0	381.0	200
1700	382.6	444.5	260



### NORMACLAMP® Heavy Duty Bolt Clamp Board

- Plastic display board with all popular sizes of heavy duty clamps from 17 to 121mm
- Contains 75 pieces
- Available in 3 material grades

**Product Codes:**

**GBSM75 W1** - Band, Bridge, Bolt and Trunnions: Mild Steel Zinc Plated Clear Chromate

**GBSM75 W2** - Band and Bridge: Stainless Steel (1.4016/AISI 430). Bolts & Trunnions: Mild Steel Zinc Plated Clear Chromate

**GBSM75 W4** - Band, Screw and Housing: Stainless Steel throughout (1.4301/AISI 304)





## NORMACLAMP® Heavy Duty Bolt Clamp

NORMACLAMP® GBS Heavy Duty Bolt Clamps are built for those applications where a high strength clamp is required. These tough and robust clamps provide excellent sealing efficiency, great flexibility and conformance to shape yet good hose protection.

- Robust band with rounded edges for protection against injuries and damage to the hose surface
- New specially designed bolt with integrated spacer for improved efficiency
- Mechanically locked closure, no welding points, no contact corrosion
- Reinforced loops allow to with stand significantly higher torques
- Bridge for optimal hose protection

W1 - Alu-Zinc Band M/Steel Housing & Hex Screw

W2 - Stainless Steel Band 1.4016 M/Steel Housing & Screw

W4 - Stainless Steel 1.4301 (304)

Part No.	Band Width	Clamping Range	W1	W2	W4
GBS18/18	18	17-19	•	•	•
GBS20/18	18	19-21	•	•	•
GBS22/18	18	21-23	•	•	•
GBS24/18	18	23-25	•	•	•
GBS26/18	18	25-27	•	•	•
GBS28/18	18	27-29	•	•	•
GBS30/18	18	29-31	•	•	•
GBS33/18	18	31-34	•	•	•
GBS36/18	18	34-37	•	•	•
GBS39/18	18	37-40	•	•	•
GBS42/18	18	40-43	•	•	•
GBS45/20	20	43-47	•	•	•
GBS49/20	20	47-51	•	•	•
GBS53/20	20	51-55	•	•	•
GBS57/20	20	55-59	•	•	•
GBS61/20	20	59-63	•	•	•
GBS66/20	20	63-68	•	•	•
GBS71/25	25	68-73	•	•	•
GBS76/25	25	73-79	•	•	•
GBS82/25	25	79-85	•	•	•
GBS88/25	25	85-91	•	•	•
GBS94/25	25	91-97	•	•	•
GBS101/25	25	97-104	•	•	•
GBS108/25	25	104-112	•	•	•
GBS117/25	25	112-121	•	•	•
GBS126/25	25	121-130	•	•	•
GBS135/30	30	130-140	•	•	•
GBS145/30	30	140-150	•	•	•
GBS156/30	30	150-162	•	•	•
GBS168/30	30	162-174	•	•	•
GBS181/30	30	174-187	•	•	•
GBS194/30	30	187-200	•	•	•
GBS207/30	30	200-213	•	•	•
GBS220/30	30	213-226	•	•	•
GBS233/30	30	226-239	•	•	•
GBS246/30	30	239-252	•	•	•



## CLAMPS - BOSS



The Right Connection™

### "Boss" Clamp - 2 Bolt Type

Part Number	Hose ID Size	Hose OD From	Hose OD To	Torque ft/lbs
BD <sup>3</sup>	6mm	14.3	16.7	6
CD <sup>3</sup>	10mm	17.5	22.2	6
DD <sup>3</sup>	15mm	20.5	23.8	6
B4 <sup>3</sup>	15mm	23.8	27.0	12
B5	15mm	27.0	30.2	12
BU9 <sup>3</sup>	20mm	30.2	33.3	21
B9	20mm	33.8	38.1	21
B10	20mm	38.1	42.9	21

<sup>1</sup> = 4 gripping fingers

<sup>3</sup> = investment cast carbon steel

<sup>4</sup> = not to be used with GF81, GB26, WF81, B26, RGF81, RGB81, BGF81, BGB26, RWF81, RB26



The Right Connection™

### "Boss" Clamp - 4 Bolt Type with 2 Fingers

Part Number	Hose ID Size	Hose OD From	Hose OD To	Torque ft/lbs
968	15mm	23.0	26.2	6
156 <sup>1</sup>	25mm	35.7	39.7	21
BU14	25mm	38.9	43.7	21
B14	25mm	42.9	49.2	21
B15	25mm	49.2	54.0	21
BU18	32mm	38.1	45.2	40
187 <sup>1</sup>	32mm	42.9	47.6	21
BU19	32mm	45.9	53.2	40
206 <sup>1</sup>	32mm	47.5	52.4	21
B19	32mm	54.0	60.3	40
BU22	40mm	46.0	50.8	40
B22	40mm	50.8	56.4	40
212 <sup>1</sup>	40mm	50.8	54.0	21
225 <sup>1</sup>	40mm	52.4	57.2	40
BU24	40mm	55.6	60.3	40
B24	40mm	60.3	65.1	40
B25	40mm	65.1	69.9	40





# HOSE & FITTINGS



## "Boss" Clamp - 4 Bolt Type with 4 Fingers

Part Number	Hose ID Size	Hose OD From	Hose OD To	Torque ft/lbs
250 <sup>1,4</sup>	50mm	57.2	63.5	40
BU28	50mm	59.5	64.3	60
275 <sup>1,4</sup>	50mm	63.5	69.9	40
BU29	50mm	63.5	70.6	60
B29	50mm	69.9	77.8	60
306 <sup>1,4</sup>	50mm	69.9	77.8	60
B30	50mm	78.6	87.3	60
350 <sup>1</sup>	65mm	77.8	88.9	60
BU34	65mm	78.6	87.3	60
B34	65mm	88.9	100.0	150
375 <sup>1</sup>	75mm	88.9	95.3	60
BU35	75mm	88.9	100.0	150
401 <sup>1</sup>	75mm	95.3	101.6	150
B35	75mm	96.8	103.2	150
418 <sup>1</sup>	75mm	101.6	106.4	200
B39	75mm	103.2	112.7	200
450 <sup>1</sup>	75mm	106.4	114.3	200

<sup>1</sup> = 4 gripping fingers

<sup>3</sup> = investment cast carbon steel

<sup>4</sup> = not to be used with GF81, GB26, WF81, B26, RGF81, RGB81, BGF81, BGB26, RWF81, RB26

## CLAMPS - CLAW

**minsup**



### Minsup Double Bolt Claw Clamps

Part Number	Hose ID Size	Hose OD From	Hose OD To	Torque N.M.
08/023/42/000	1/2"	22mm	28mm	25
08/023/43/000	3/4"	29mm	34mm	25
08/023/46/000	1"	35mm	40mm	35

Material: SG Iron 1083, 1987:400-250-15 SGI

**minsup**

### Minsup Double Bolt Clamps - Without Chain

Part Number	Hose ID Size	Hose OD From	Hose OD To	Torque N.M.
08/023/05/000	1 1/2"	51mm	58mm	67.8
08/023/03/000	2"	63mm	71mm	81.3

### Minsup Double Bolt Clamps - With Chain

Part Number	Hose ID Size	Hose OD From	Hose OD To	Torque N.M.
08/023/06/000	1 1/2"	51mm	58mm	67.8
08/023/04/000	2"	63mm	71mm	81.3

Material: SG Iron 1083, 1987:400-250-15 SGI

## CLAMPS - EAR



### OETIKER 2 Ear Clamps

OETIKER 2-Ear Clamps are suitable for use by OEMs, but also for maintenance, repair and service purposes. With this type of clamp, rubber hoses, plastic tubing, electrical cables, welding hoses, and other materials can be securely fastened.

- 2-ear design gives increased clamping range
- Deformation of ears provides visual indication that clamp is closed
- Robust design for good, permanent sealing
- De-burred edges prevent damage to clamped parts
- Fast, simple, secure installation - Ideal for air and liquid lines

Product Code	Description
10100002	Oetiker 2 Ear Clamp Zinc Plated - 0305
10100004	Oetiker 2 Ear Clamp Zinc Plated - 0507
10100008	Oetiker 2 Ear Clamp Zinc Plated - 0709
10100013	Oetiker 2 Ear Clamp Zinc Plated - 0911
10100016	Oetiker 2 Ear Clamp Zinc Plated - 1113
10100019	Oetiker 2 Ear Clamp Zinc Plated - 1315
10100022	Oetiker 2 Ear Clamp Zinc Plated - 1517
10100024	Oetiker 2 Ear Clamp Zinc Plated - 1518
10100056	Oetiker 2 Ear Clamp Zinc Plated - 1619
10100027	Oetiker 2 Ear Clamp Zinc Plated - 1720
10100029	Oetiker 2 Ear Clamp Zinc Plated - 1922
10100030	Oetiker 2 Ear Clamp Zinc Plated - 2023
10100032	Oetiker 2 Ear Clamp Zinc Plated - 2225
10100034	Oetiker 2 Ear Clamp Zinc Plated - 2327
10100035	Oetiker 2 Ear Clamp Zinc Plated - 2528
10100150	Oetiker 2 Ear Clamp Zinc Plated - 150 Piece Assortment



### OETIKER Manual Closing Tools for Ear Clamps

Standard pincer with standard Jaws where radial access to clamp is not restricted.

**Product Code: 1098i**

Pincer with side jaws for use where space is restricted.

**Product Code: 1099i**

## CLAMPS - HOSE CLAMPS



### NORMACLAMP® HD High Torque Clamp



The NORMACLAMP® HD is a high strength worm drive hose clamp completely made of stainless steel. It is ideally suited for heavy duty and high pressure applications where high tightening forces and high contact pressures are required.

- Extended band liner to protect the hose from damage caused by extrusion
- Robust construction delivering high torque
- 8mm hex-head screw
- 16mm bandwidth
- All stainless steel (1.4307/AISI 304)

**Material Grade:**

- W4: Band, Screw and Housing: Stainless Steel throughout (1.4301/AISI 304)

Product Code	Size	Product Code	Size
HD25-45/16	25-45mm	HD57-79/16	57-79mm
HD32-54/16	32-54mm	HD70-92/16	70-92mm
HD45-67/16	45-67mm	HD83-105/16	83-105mm





## NORMACLAMP® Torro Worm Drive Hose Clamps

These general purpose hose clamps are ideal for hose sealing and use in many different applications with a high mechanical load. With its tensile strength, the high fracture torque and the even tension force distribution plus the constantly improved design it still sets standards for modern hose clamps.

- Asymmetric extension prevents the housing from tilting over when the clamp is tightened
- Improved asymmetric housing = even distribution of forces and safe assembly
- Short housing saddle = even contact pressure = improved efficiency
- Smooth or stamped inside of band = optimal hose protection

W1 - Alu-Zinc Band M/Steel Housing and Hex Screw

W3 - All Stainless Steel 1.4016 (430)

W4 - Stainless Steel 1.4301 (304)

Part No.	Band Width	Clamping Range	W1	W3	W4
8-12/7.5	7.5	8-12		•	
10-16/7.5	7.5	10-16		•	
8-12/9	9.0	8-12	•		
8-16/9	9.0	8-16		•	•
10-16/9	9.0	10-16	•		
12-20/9	9.0	12-20		•	•
12-22/9	9.0	12-22	•		•
16-25/9	9.0	16-25		•	
20-32/9	9.0	20-32		•	
25-40/9	9.0	25-40		•	
30-45/9	9.0	30-45		•	
32-50/9	9.0	32-50		•	
40-60/9	9.0	40-60		•	
50-70/9	9.0	50-70		•	
80-100/9	9.0	80-100		•	
90-110/9	9.0	90-110		•	
16-27/12	12.0	16-27	•	•	•
20-32/12	12.0	20-32	•	•	•
25-40/12	12.0	25-40	•	•	•
30-45/12	12.0	30-45	•	•	•
35-50/12	12.0	35-50	•	•	•
40-60/12	12.0	40-60	•	•	•
50-70/12	12.0	50-70	•	•	•
60-80/12	12.0	60-80	•	•	•
70-90/12	12.0	70-90	•	•	•
70-100/12	12.0	70-100	•	•	•
90-110/12	12.0	90-110	•	•	•
100-120/12	12.0	100-120	•	•	•
110-130/12	12.0	110-130	•	•	•
120-140/12	12.0	120-140	•	•	•
130-150/12	12.0	130-150	•	•	•
140-160/12	12.0	140-160	•	•	•
150-170/12	12.0	150-170	•	•	•
160-180/12	12.0	160-180	•	•	•
170-190/12	12.0	170-190	•	•	•
180-200/12	12.0	180-200	•	•	•
190-110/12	12.0	190-110	•	•	•
200-220/12	12.0	200-220	•	•	•
210-230/12	12.0	210-230	•	•	•
230-250/12	12.0	230-250	•	•	•
260-280/12	12.0	260-280	•	•	•
280-300/12	12.0	280-300	•	•	•



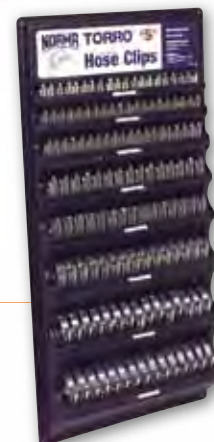
## 135 Piece Hose Clamps Wall Dispenser

Contains 135 General Purpose NORMACLAMP® Torro® Worm Drive Hose Worm Drive Clamps

Sizes (W1): 8-12, 10-16, 12-22, 16-27, 20-32, 25-40, 35-50 and 40-60mm

Sizes (W3 & W4): 8-12, 8-16, 10-16, 12-22, 16-27, 20-32, 25-40, 35-50 and 40-60mm

Product Code	Material Grades
NHC135W1	W1 - Alu-Zinc
NHC135W3	W3 - All Stainless Steel 1.4016 (AISI 430)
NHC135W4	W4 - All Stainless Steel 1.4301 (AISI 304)



## NHC100 NORMA Grab Kit

Contains 100 General Purpose NORMACLAMP® TORRO® Hose Clamps plus flexidriver installation tool.

Available in 3 material grades:

- W1 - Alu-Zinc
- W3 - All Stainless Steel 1.4016 (430)
- W4 - All Stainless Steel Grade 304

Product Code	Description
NHC100W1	Alu-Zinc W1 - 100 Piece Hose Clamp Grab Kit with Flexidriver
NHC100W3	All S/Steel W3 - 100 Piece Hose Clamp Kit with Flexidriver
NHC100W4	All S/Steel W4 - 100 Piece Hose Clamp Kit with Flexidriver



## Breeze Mini

A lightweight, streamlined clamp generally used in small diameter applications such as air and fuel lines. The streamlined configuration allows for installation in tight fitting or difficult to reach areas. This clamp creates high sealing pressure with only 10 to 15 in./lbs (1.1-1.7Nm) of installation torque.

- Designed specifically for smaller diameter applications
- Higher sealing pressure with minimal torque
- Lightweight, streamlined configuration
- 1/4" (6.4mm) slotted hex head screw
- Stainless steel band and housing

Product Code	Description	Size
3504	Hose Clamp BREEZE No 4, S/Steel Band SAE Mini W2	5.6-16mm
3506	Hose Clamp BREEZE No 6, S/Steel Band SAE Mini W2	11-20mm





# HOSE & FITTINGS



## Breeze Powerseal

The BREEZE worm-gear clamp with heavy duty 4-piece Quadra-lock construction is designed for use in general-purpose, industrial and automotive applications. The extra strong, "square knot" interlocking construction, won't pull apart and there are no spot welds to rust, corrode or rupture.

- Stainless Steel Bands, housings and saddles for ultimate durability and corrosion resistance
- 5/16" (7.9mm) slotted hex headed screw with blade driver slot for ease of installation
- Housing is clinched at 4 points for extra strength and stability
- Available with inner liner to protect soft silicone hose
- Arcial slots give added strength against stripping



W2 Stainless Steel Band and Housing 1.4016 Mild Steel Screw	W4 All Stainless Steel 1.4301 (304)	SAE Size	Clamping Range (mm)
62008	63008	6	13-23
62010	63010	8	14-27
62012	63012	10	17-32
62016	63016	12	21-38
62020	63020	16	21-44
62024	63024	20	27-51
62028	63028	24	33-57
62032	63032	28	40-64
62036	63036	32	46-70
62040	63040	36	52-76
62044	63044	40	59-83
62048	63048	44	65-89
62052	63052	48	71-95
62056	63056	56	78-102
62060	63060	60	84-108
62072	63072	72	48-127
62096	63096	96	92-165
62104		104	105-178



## BHC 108 BREEZE Slotted Band Clamp Dispensers

Contains 108 popular size clamps from 6 to 57mm plus a Flexidriver installation tool. The perfect wall mount kit for the workshop.

- Contains: 6-16, 13-17, 11-20, 14-27, 17-32, 21-44, 27-51 and 33-57 mm, plus Flexidrive installation tool.

### Product Codes:

**BHC100W2** - Stainless Steel Band and Housing

**BHC100W4** - Stainless Steel - 300SS Grade



## HOSE CLAMP - TOOL



## NORMACLAMP® Tools - Clamp Flexidrivers with Flexible Shaft

- Suits Hex Head Screw on Worm Drive Hose Clamps

Product Code	Description
SW6	6mm Hex
SW7	7mm Hex
SW6/7	Combination of 6 and 7mm Hex
SW6/8	Combination of 6 and 8mm Hex

## COOLANT SYSTEMS



## Modular Hose System

Loc-Line's unique ball and socket design is fully hand adjustable in both position and length. Unlike metal hoses, Loc-Line® won't damage machine tool cutters if contact occurs. Bending doesn't decrease the inside diameter and it won't kink or fatigue like copper tubing.

Part No.	Description
40413	1/4" System Assembly Kit, 290mm hose, nozzles & connectors
41401	1/4" System Hose Segment Pack 2 pcs
49420	1/4" System segments 25 foot box
49421	1/4" System segments 50 foot coil
41402	1/4" System 1/16" Nozzle Pack pack of 4
41403	1/4" System 1/8" Nozzle Pack pack of 4
41404	1/4" System 1/4" Nozzle Pack pack of 4
41489	1/4" System 1" straight flow nozzle pack of 2
21192	1/4" System Male NPT valves, pack of 2
41405	1/4" System 1/8" NPT Connector pack of 4
41406	1/4" System 1/4" NPT Connector pack of 4
50813	1/2" System Assembly Kit, 280mm hose, nozzles & connectors
51801	1/2" System Segment Pack
59860	1/2" System Segments 25 feet
59861	1/2" System Segments 50 feet Coil
51806	1/2" System 1/4" Nozzle pack of 4
51802	1/2" System 3/8" Nozzle pack pack of 4
51803	1/2" System 1/2" Nozzle pack pack of 4
51807	1/2" System 1-1/4" Flare Nozzle pack of 2
51847	1/2" System 1-1/4" straight flow nozzle pack of 2
51848	1/2" System 1-5/8" straight flow nozzle pack of 2
32092	1/2" System Male NPT Valves, pack of 2
51804	1/2" System 3/8" NPT Connector pack of 4
51805	1/2" System 1/2" NPT Connector pack of 4
51826	1/2" System 3/8" BSPT Connector pack of 4
51827	1/2" System 1/2" BSPT Connector pack of 4
60513	3/4" System Assembly Kit, 290mm hose, nozzles & connector
61501	3/4" System Segment pack
61502	3/4" System 3/4" Nozzle pack of 4
61503	3/4" System 5/8" Nozzle pack of 4
61507	3/4" System 3" Flare Nozzle Pack of 2
61505	3/4" System 3/4" NPT Connector pack of 4
61509	3/4" System 3/4" BSPT Connector pack of 4
78001	1/4" System Assembly Pliers
78002	1/2" System Assembly Pliers
78003	1/4" and 1/2" Systems Assembly Plier Set
78004	3/4" System Assembly Pliers

## CLAMPS - MAKE-A-CLAMP



## Breeze Make-A-Clamp

This is a maintenance "clamp system" in a box. By simply cutting off a piece of banding from a continuous roll, you can make any size 100% stainless steel worm-gear clamp. It's a must for anyone who's likely to encounter requirements for varying sized large clamps.

- 1/2" (12.7mm) band
- 5/16" (7mm) slotted hex head screw
- 9/16" (14.2mm) wide stainless steel fastener and screw/housing assemblies



Product Code	Description
4000	Mini Kit -8-1/2ft band and 3 fasteners and 1 splicer
4001	Kit -100ft band and 25 fasteners and 10 splices
4002	Kit -50ft band and 10 fasteners and 5 splices



## COUPLINGS - CAM & GROOVE



### Type A - Male Adaptor x Female BSP

The Dixon Cam & Groove coupling is a reliable quick connect coupling for use on hose, pipe, tubing and tanks conveying a wide variety of liquids, dry bulk materials and vapours including cooling water, fuels chemicals, cosmetics, food products, adhesives, dyes, pharmaceuticals, pallets and much more.

Size	Aluminium	Bronze	S/Steel	Poly
15mm		BR050A	SS050A	PPA050
20mm	ALDC075A	BR075A	SS075A	PPA075
25mm	ALDC100A	BR100A	SS100A	PPA100
32mm	ALDC125A	BR125A	SS125A	PPA125
40mm	ALDC150A	BR150A	SS150A	PPA150
50mm	ALDC200A	BR200A	SS200A	PPA200
65mm	ALDC250A	BR250A	SS250A	
75mm	ALDC300A	BR300A	SS300A	PPA300
100mm	ALDC400A	BR400A	SS400A	PPA400
125mm		BR500A	SS500A	
150mm		BR600A	SS600A	



### Type B - Female Coupler x Male BSP

Size	Aluminium	Bronze	S/Steel	Poly
15mm		BR050B	SS050B	PPB050
20mm	ALDC075B	BR075B	SS075B	PPB075
25mm	ALDC100B	BR100B	SS100B	PPB100
32mm	ALDC125B	BR125B	SS125B	PPB125
40mm	ALDC150B	BR150B	SS150B	PPB150
50mm	ALDC200B	BR200B	SS200B	PPB200
65mm	ALDC250B	BR250B	SS250B	
75mm	ALDC300B	BR300B	SS300B	PPB300
100mm	ALDC400B	BR400B	SS400B	PPB400
125mm		BR500B	SS500B	
150mm		BR600B	SS600B	



### Type C - Female Coupler x Hose Shank

Size	Aluminium	Bronze	S/Steel	Poly
15mm		BR050C	SS050C	PPC050
20mm	ALDC075C	BR075C	SS075C	PPC075
25mm	ALDC100C	BR100C	SS100C	PPC100
32mm	ALDC125C	BR125C	SS125C	PPC125
40mm	ALDC150C	BR150C	SS150C	PPC150
50mm	ALDC200C	BR200C	SS200C	PPC200
65mm	ALDC250C	BR250C	SS250C	
75mm	ALDC300C	BR300C	SS300C	PPC300
100mm	ALDC400C	BR400C	SS400C	PPC400
125mm		BR500C	SS500C	
150mm		BR600C	SS600C	



### Type D - Female Coupler x Female BSP

Size	Aluminium	Bronze	S/Steel	Poly
15mm		BR050D	SS050D	PPD050
20mm	ALDC075D	BR075D	SS075D	PPD075
25mm	ALDC100D	BR100D	SS100D	PPD100
32mm	ALDC125D	BR125D	SS125D	PPD125
40mm	ALDC150D	BR150D	SS150D	PPD150
50mm	ALDC200D	BR200D	SS200D	PPD200
65mm	ALDC250D	BR250D	SS250D	
75mm	ALDC300D	BR300D	SS300D	PPD300
100mm	ALDC400D	BR400D	SS400D	PPD400
125mm		BR500D	SS500D	
150mm		BR600D	SS600D	



### Type E - Male Adaptor x Hose Shank

Size	Aluminium	Bronze	S/Steel	Poly
15mm		BR050E	SS050E	PPE050
20mm	ALDC075E	BR075E	SS075E	PPE075
25mm	ALDC100E	BR100E	SS100E	PPE100
32mm	ALDC125E	BR125E	SS125E	PPE125
40mm	ALDC150E	BR150E	SS150E	PPE150
50mm	ALDC200E	BR200E	SS200E	PPE200
65mm	ALDC250E	BR250E	SS250E	
75mm	ALDC300E	BR300E	SS300E	PPE300
100mm	ALDC400E	BR400E	SS400E	PPE400
125mm		BR500E	SS500E	
150mm		BR600E	SS600E	



### Type F - Male Adaptor x Male BSP

Size	Aluminium	Bronze	S/Steel	Poly
15mm		BR050F	SS050F	PPF050
20mm	ALDC075F	BR075F	SS075F	PPF075
25mm	ALDC100F	BR100F	SS100F	PPF100
32mm	ALDC125F	BR125F	SS125F	PPF125
40mm	ALDC150F	BR150F	SS150F	PPF150
50mm	ALDC200F	BR200F	SS200F	PPF200
65mm	ALDC250F	BR250F	SS250F	
75mm	ALDC300F	BR300F	SS300F	PPF300
100mm	ALDC400F	BR400F	SS400F	PPF400
125mm		BR500F	SS500F	
150mm		BR600F	SS600F	





# HOSE & FITTINGS



## Dust Cap

The Dixon Cam & Groove coupling is a reliable quick connect coupling for use on hose, pipe, tubing and tanks conveying a wide variety of liquids, dry bulk materials and vapours including cooling water, fuels chemicals, cosmetics, food products, adhesives, dyes, pharmaceuticals, pallets and much more.

Size	Aluminium	Bronze	S/Steel	Poly
15mm		BR050DC	SS050DC	PPH050
20mm	ALDC075DC	BR075DC	SS075DC	PPH075
25mm	ALDC100DC	BR100DC	SS100DC	PPH100
32mm	ALDC125DC	BR125DC	SS125DC	PPH125
40mm	ALDC150DC	BR150DC	SS150DC	PPH150
50mm	ALDC200DC	BR200DC	SS200DC	PPH200
65mm	ALDC250DC	BR250DC	SS250DC	
75mm	ALDC300DC	BR300DC	SS300DC	PPH300
100mm	ALDC400DC	BR400DC	SS400DC	PPH400
125mm		BR500DC	SS500DC	
150mm		BR600DC	SS600DC	



## Dust Plug

Size	Aluminium	Bronze	S/Steel	Poly
15mm		BR050DP	SS050DP	PPP050
20mm	ALDC075DP	BR075DP	SS075DP	PPP075
25mm	ALDC100DP	BR100DP	SS100DP	PPP100
32mm	ALDC125DP	BR125DP	SS125DP	PPP125
40mm	ALDC150DP	BR150DP	SS150DP	PPP150
50mm	ALDC200DP	BR200DP	SS200DP	PPP200
65mm	ALDC250DP	BR250DP	SS250DP	
75mm	ALDC300DP	BR300DP	SS300DP	PPP300
100mm	ALDC400DP	BR400DP	SS400DP	PPP400
125mm		BR500DP	SS500DP	
150mm		BR600DP	SS600DP	

## COUPLINGS CLAW - 'A' TYPE



### Male BSP

Minsup claw couplings are a universal hose coupling that provide quick, safe and reliable connections. claw couplings are most commonly used for conveying air and water, and are not to be used for steam applications. Common industry applications: under ground and surface mining, mineral processing, compressor and air tool industries, hire companies. Product warning Bellow seal "A" Type couplings are not recommended for use with Minsup standard seal couplings.

Size	Pkg Qty	SG Iron / Standard Seal	SG Iron / Bellow Seal	316 S/Steel Bellow Seal
3/8"	50	08/001/12/000	ABS10M	
1/2"	50	08/001/09/000	ABS15M	AM13BSPSTS-B
3/4"	50	08/001/06/000	ABS20M	AM20BSPSTS-B
1"	50	08/001/03/000	ABS25M	AM25BSPSTS-B
1 1/4"	40	08/001/01/000	ABS32M	



### Hose End

Size	Pkg Qty	SG Iron / Standard Seal	SG Iron / Bellow Seal	316 S/Steel Bellow Seal
3/8"	50	08/001/14/000	ABS10H	
1/2"	50	08/001/11/000	ABS15H	AH13STS-B
3/4"	50	08/001/08/000	ABS20H	AH20STS-B
1"	50	08/001/05/000	ABS25H	AH25STS-B
1 1/4"	40	08/001/02/000	ABS32H	



### Three Way

Pkg Qty	SG Iron / Standard Seal	SG Iron / Bellow Seal
20	08/001/16/000	ABS1032T



### Female BSP

Size	Pkg Qty	SG Iron / Standard Seal	SG Iron / Bellow Seal	316 S/Steel Bellow Seal
3/8"	50	08/001/13/000	ABS10F	
1/2"	50	08/001/10/000	ABS15F	AF13BSPSTS-B
3/4"	50	08/001/07/000	ABS20F	AF20BSPSTS-B
1"	50	08/001/04/000	ABS25F	AF25BSPSTS-B



### Blank End

Pkg Qty	SG Iron / Standard Seal	SG Iron / Bellow Seal
50	08/001/15/000	ABS1032B



### Safety Locking Pin

Size	Part Number	Pkg Qty
1/2" - 2"	05/010/02/000	1000



## COUPLINGS - CLAW - SURELOCK

**minsip**

### Male BSP

The surelock Coupling was originally designed and patented by minsip. It was the first coupling designed for 1 1/2" and 2" hoses. The size range currently extends from 3/8" through to 3". They are simple, reliable and provide an airtight connection.

Size	Head Size	Pkg Qty	SG Iron	S/Steel
3/8"	Small	50	08/013/23/000	
1/2"	Small	50	08/013/20/000	SM13BSPSTS
3/4"	Small	50	08/013/17/000	SM20BSPSTS
1"	Small	50	08/013/14/000	SM25BSPSTS
1 1/4"	Small	50	08/013/11/000	
1 1/2"	Medium	15	08/013/07/000	SM38BSPSTS
2"	Medium	15	08/013/04/000	SM50BSPSTS
3"	Large	1	08/013/01/000	



**minsip**

### Hose Tail

Size	Head Size	Pkg Qty	SG Iron	S/Steel
3/8"	Small	50	08/013/25/000	
1/2"	Small	50	08/013/22/000	SH13STS
3/4"	Small	50	08/013/19/000	SH20STS
1"	Small	50	08/013/16/000	SH25STS
1 1/4"	Small	50	08/013/13/000	
1 1/2"	Medium	15	08/013/10/000	SH38STS
2"	Medium	15	08/013/06/000	SH50STS
3"	Large	1	08/013/03/000	



**minsip**

### Blank End

Part Number	Head Size	Size	Pkg Qty
08/013/26/000	small	3/8" - 1 1/4"	50
08/013/29/000	medium	1 1/2" - 2"	15



**minsip**

### Female BSP

Size	Head Size	Pkg Qty	SG Iron	S/Steel
3/8"	small	50	08/013/24/000	
1/2"	small	50	08/013/21/000	SF13BSPSTS
3/4"	small	50	08/013/18/000	SF20BSPSTS
1"	small	50	08/013/15/000	SF25BSPSTS
1 1/4"	small	50		
1 1/2"	medium	15	08/013/08/000	SF38BSPSTS
2"	medium	15	08/013/05/000	SF50BSPSTS
3"	large	1	08/013/02/000	



**minsip**

### Three Way

Part Number	Head Size	Size	Pkg Qty
08/013/27/000	Small	3/8" - 1 1/4"	15
08/013/28/000	Medium	1 1/2" - 2"	4

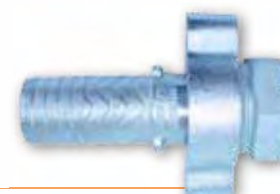


## COUPLINGS - JOINT



### "Boss" Ground Joint

Part Number	Size
GF1	*6mm
GF3	*9.5mm
GF6	15mm
GF26	20mm
GF36	25mm
GF51	32mm
GF61	40mm
GF81**	50mm
GF96	65mm
GF111	75mm
GF141	100mm
GF201	*150mm



\* Polymer seat spuds

\*\* Not to be used with #250 or #306 "Boss" Clamps



# HOSE & FITTINGS

## COUPLINGS/NIPPLES - K-SERIES



### K-Series Technical Information

#### Interchange Data:

- Interchangeable to ISO7241 Series 'A'
- Parker 6600-Series, Aeroquip/Eaton FD56 (5600)
- Faster ANV, Hansen HA15000, Safeway S56-Series

#### Rated Pressure Chart:

Body Size	K-Series ISO-A Interchange (Connected)			
	Steel Coupler/Plug			
	Maximum Working		Burst	
	PSI	Bar	PSI	Bar
1/4"	5,000	345	18,270	1,200
3/8"	4,000	275	18,270	1,200
1/2"	4,000	275	16,500	1,100
3/4"	4,000	275	14,800	1,000
1"	4,000	275	12,400	850
1-1/4"	3,000	200	12,600	850
1-1/2"	3,000	200	12,600	850
2"	1,450	100	5,800	400

#### Materials:

- Machined components are manufactured using solid steel bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- Steel coupler sleeves are hardened to resist deformation and maximize service life.
- Steel nipples are hardened to provide heavy duty performance and resist brinelling.

#### Seal Components:

- Nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to +250°F (-40°C to +121°C).
- Couplers have a Teflon® Anti-Extrusion ring.
- Valve seals are crimped in place to maintain integrity during excessive flow conditions and pressurized connection.

## COUPLERS - INTERCHANGE



### K-Series ISO-A Interchange Coupler (Female Threads)

Part Number	Body Size	Threads	Material
2KF1	1/4"	1/8" - 27 NPTF	Steel
2KF2	1/4"	1/4" - 18 NPTF	Steel
2KBF2	1/4"	1/4" - 19 BSPP	Steel
2KOF2	1/4"	7/16" - 20 ORB	Steel
3KF3	3/8"	3/8" - 18 NPTF	Steel
3KBF3	3/8"	3/8" - 19 BSPP	Steel
3KOF3	3/8"	9/16" - 18 ORB	Steel
4KF4	1/2"	1/2" - 14 NPTF	Steel
4KBF4	1/2"	1/2" - 14 BSPP	Steel
4KOF4	1/2"	3/4" - 16 ORB	Steel
4KOF5	1/2"	7/8" - 14 ORB	Steel
4KF6	1/2"	3/4" - 14 NPTF	Steel
4KBF6	1/2"	3/4" - 14 BSPP	Steel
6KF6	3/4"	3/4" - 14 NPTF	Steel
6KBF6	3/4"	3/4" - 14 BSPP	Steel
6KOF6	3/4"	1-1/16" - 12 ORB	Steel
8KF8	1"	1" - 11 1/2 NPTF	Steel
8KBF8	1"	1" - 11 BSPP	Steel
8KOF8	1"	1-5/16" - 12 ORB	Steel
10KF10	1-1/4"	1-1/4" - 11 1/2 NPT	Steel
10KBF10	1-1/4"	1-1/4" - 11 BSPP	Steel
12KF12	1-1/2"	1-1/2" - 11 1/2 NPT	Steel
12KBF12	1-1/2"	1-1/2" - 11 BSPP	Steel
16KF16	2"	2" - 11 1/2 NPT	Steel
16KBF16	2"	2" - 11 BSPP	Steel

## COUPLER - DUST PLUG



### K-Series ISO-A Interchange Coupler Dust Plug

Part Number	Body Size	Lanyard	Body
2KDP	1/4"	Elastomer	Elastomer
3KDP	3/8"	Elastomer	Elastomer
4KDP	1/2"	Elastomer	Elastomer
6KDP	3/4"	Elastomer	Elastomer
8KDP	1"	Elastomer	Elastomer

## NIPPLES - INTERCHANGE



### K-Series ISO-A Interchange Nipple (Female Threads)

Part Number	Body Size	Threads	Material
K2F1	1/4"	1/8" - 27 NPTF	Steel
K2F2	1/4"	1/4" - 18 NPTF	Steel
K2BF2	1/4"	1/4" - 19 BSPP	Steel
K2OF2	1/4"	7/16" - 20 ORB	Steel
K3F3	3/8"	3/8" - 18 NPTF	Steel
K3BF3	3/8"	3/8" - 19 BSPP	Steel
K3OF3	3/8"	9/16" - 18 ORB	Steel
K4F4	1/2"	1/2" - 14 NPTF	Steel
K4BF4	1/2"	1/2" - 14 BSPP	Steel
K4OF4	1/2"	3/4" - 16 ORB	Steel
K4OF5	1/2"	7/8" - 14 ORB	Steel
K4F6	1/2"	3/4" - 14 NPTF	Steel
K4BF6	1/2"	3/4" - 14 BSPP	Steel
K6F6	3/4"	3/4" - 14 NPTF	Steel
K6BF6	3/4"	3/4" - 14 BSPP	Steel
K6OF6	3/4"	1-1/16" - 12 ORB	Steel
K8F8	1"	1" - 11 1/2 NPTF	Steel
K8BF8	1"	1" - 11 BSPP	Steel
K8OF8	1"	1-5/16" - 12 ORB	Steel
K10F10	1-1/4"	1-1/4" - 11 1/2 NPT	Steel
K10BF10	1-1/4"	1-1/4" - 11 BSPP	Steel
K12F12	1-1/2"	1-1/2" - 11 1/2 NPT	Steel
K12BF12	1-1/2"	1-1/2" - 11 BSPP	Steel
K16F16	2"	2" - 11 1/2 NPT	Steel
K16BF16	2"	2" - 11 BSPP	Steel

## NIPPLE - DUST CAP



### K-Series ISO-A Interchange Nipple Dust Cap

Part Number	Body Size	Lanyard	Body
K2DC	1/4"	Elastomer	Elastomer
K3DC	3/8"	Elastomer	Elastomer
K4DC	1/2"	Elastomer	Elastomer
K6DC	3/4"	Elastomer	Elastomer
K8DC	1"	Elastomer	Elastomer



## COUPLINGS & FITTINGS - FUEL LINE



### NORMACLAMP® Small Bore Hose Clamps



NORMACLAMP® FUEL SL One Piece Fuel Line Clips are designed to provide a perfect seal on small and soft material hoses as used in fuel and emission lines. Ideal for use on both high and low pressure hose applications where maximum sealing efficiency is required.

- Rolled edge band for hose protection
- Metric 7mm standard hex head with slot
- 9 mm bandwidth
- 360° sealing

#### Material Grades:

- W1: Band: Alu Zinc, Screw & Housing: Mild Steel Zinc Plated Clear Chromate
- W4: Band, Screw and Housing: Stainless Steel throughout (1.4016/AISI 304)

Product Code	Suits	Product Code	Suits
<b>SL7-9</b>	7-9mm Hose	<b>SL12-14</b>	2-14mm Hose
<b>SL9-11</b>	9-11mm Hose	<b>SL13-15</b>	13-15mm Hose
<b>SL10-12</b>	10-12mm Hose	<b>SL14-16</b>	14-16mm Hose
<b>SL11-13</b>	11-13mm Hose	<b>SL15-17</b>	15-17mm Hose



### NFC105 Fuel Clip Kit

Grab Kit containing a range of 105 popular fuel line clips. Available in 2 material grades:

- **W1 - Alu Zinc**  
**Sizes:** 1-9, 9-11, 10-12, 11-13, 12-14, 13-15, 14-16 and 15-17mm

**Product Code: NFC105W1**

- **W4 - All Stainless Steel (1.4301/AISI 304)**  
**Sizes:** 8.5-9.5, 9.5-11, 10.5-12, 11.5-13, 12.5-14, 13.5-15, 14.5-16 and 15-17mm.

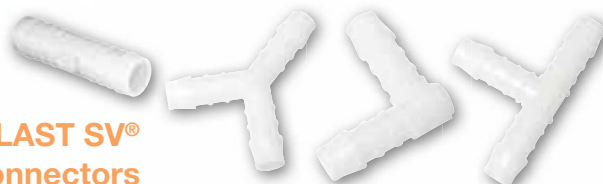
**Product Code: NFC105W4**



## COUPLINGS & FITTINGS - HOSE



### NORMAPLAST SV® Plastic Connectors



NORMAPLAST Connectors are suitable for most transport lines, air, water, fuels, oils, etc. Manufactured from high strength industrial plastic they are tough, low weight, scuff resistant and have high impact resistance and shock absorption capacity. Available in a broad range of versions for use in different applications and industries.

- High impact resistance
- Shock damping
- Low weight
- Different materials
- High strength
- Scuff resistant

Size (mm)				
3.0	<b>GS3</b>	<b>TS3</b>	<b>WS3</b>	<b>YS3</b>
4.0	<b>GS4</b>	<b>TS4</b>	<b>WS4</b>	<b>YS4</b>
5.0	<b>GS5</b>	<b>TS5</b>	<b>WS5</b>	<b>YS5</b>
6.0	<b>GS6</b>	<b>TS6</b>	<b>WS6</b>	<b>YS6</b>
8.0	<b>GS8</b>	<b>TS8</b>	<b>WS8</b>	<b>YS8</b>
10.0	<b>GS10</b>	<b>TS10</b>	<b>WS10</b>	<b>YS10</b>
12.0	<b>GS12</b>	<b>TS12</b>	<b>WS12</b>	<b>YS12</b>
13.0	<b>GS13</b>	<b>TS13</b>	<b>WS13</b>	<b>YS13</b>
14.0	<b>GS14</b>	<b>TS14</b>	<b>WS14</b>	<b>YS14</b>
16.0	<b>GS16</b>	<b>TS16</b>	<b>WS16</b>	<b>YS16</b>
19.0	<b>GS19</b>	<b>TS19</b>	<b>WS19</b>	<b>YS19</b>



### NORMAPLAST NPC 180

Plastic Connector Grab Kit

- Contains 180 pieces
- Straight: 3, 5, 6, 8 and 10mm
- T-Piece: 3, 5, 6, 8 and 10mm

**Product Code: NPC180**



## COUPLINGS & FITTINGS - PIPE



### NORMACONNECT® FGR GRIP E

NORMACONNECT® GRIP E pipe axial restraint couplings are used to connect metal pipes. The pipe couplings feature anchoring rings with rows of flat teeth which are pressed into the pipe surface without damaging the material.

- Double lip sealing system
- Heavy-duty lock bars
- Standard strip insert
- Anchoring ring



#### NORMACONNECT® Pipe Coupling GRIP E W5 NBR

Product Code	Size	Product Code	Size
<b>0579 8600 026</b>	26.9	<b>0579 8600 060</b>	60.3
<b>0579 8600 028</b>	28.0	<b>0579 8600 073</b>	73.0
<b>0579 8600 030</b>	30.0	<b>0579 8600 076</b>	76.1
<b>0579 8600 033</b>	33.7	<b>0579 8600 088</b>	88.9
<b>0579 8600 035</b>	35.0	<b>0579 8600 101</b>	101.6
<b>0579 8600 038</b>	38.0	<b>0579 8600 104</b>	104.0
<b>0579 8600 042</b>	42.4	<b>0579 8600 108</b>	108.0
<b>0579 8600 044</b>	44.5	<b>0579 8600 114</b>	114.3
<b>0579 8600 048</b>	48.3	<b>0579 8600 141</b>	141.6
<b>0579 8600 054</b>	54.0	<b>0579 8600 168</b>	168.3
<b>0579 8600 057</b>	57.0	<b>0579 8600 219</b>	219.1



### Pipe Retaining Clip Kit

- Contains a selection of 85 popular sizes of pipe retaining clips
- Sizes: 9, 10, 13, 16, 19, 22, 27 and 32mm

**Product Code: RSGU85**





# HOSE & FITTINGS

## COUPLINGS & FITTINGS - PIPE/RUBBER



### NORMAFIX® RSGU Pipe Retaining Clips Rubber Lined

RSGU - (Type 1) to DIN 3016 provide the perfect vibration dampening support for hoses, cables and pipes. Available with a 6mm or 10mm mounting hole, to suit different applications.



Product Code	Size	W1 Mild Steel Zinc Plated Rubber Sleeve	W5 All Stained Steel 1.4401
RSGU1-4/15	4mm	•	•
RSGU1-6/15	6mm	•	•
RSGU1-9/15	9mm	•	•
RSGU1-10/15	10mm	•	•
RSGU1-12/15	12mm	•	•
RSGU1-13/15	13mm	•	•
RSGU1-15/15	15mm	•	•
RSGU1-16/15	16mm	•	•
RSGU1-18/15	18mm	•	•
RSGU1-19/15	19mm	•	•
RSGU1-20/15	20mm	•	•
RSGU1-22/15	22mm	•	•
RSGU1-25/15	25mm	•	•
RSGU1-27/15	27mm	•	•
RSGU1-29/15	29mm	•	•

## HOSE FITTINGS - AIR



### Oetiker Airline Couplings

The Oetiker Swing Coupling SC is a unique Quick Connect safety coupling designed to improve the efficiency and safety of compressed air lines. OETIKER Swing Couplings allow unrestricted full air flow and safe, quick connection and disconnection under pressure. Durability, reliability and simplicity are features of all OETIKER Swing Couplings.

- Quick (dis-)connection under pressure
- Enhanced safety
- Increased efficiency of production
- Decreased energy consumption
- Unrestricted full air flow
- Overall cost reduction



Product Code	Description	Size
205 00 018	Full Flow DN8D, Female Thread, Nitto Plug Type	1/4" BSP
205 00 019	Full Flow DN8D, Female Thread, Nitto Plug Type	3/8" BSP
205 00 020	Full Flow DN8D, Female Thread, Nitto Plug Type	1/2" BSP
205 00 345	Full Flow DN8C, Female Thread, Cejn Plug Type	1/4" BSP
205 00 053	Full Flow DN8D, Male Thread, Nitto Plug Type	1/4" BSP
205 00 021	Full Flow DN8D, Male Thread, Nitto Plug Type	3/8" BSP
205 00 022	Full Flow DN8D, Male Thread, Nitto Plug Type	1/2" BSP
205 00 351	Full Flow DN8C, Male Thread, Cejn Plug Type	1/4" BSP
205 00 353	Full Flow DN8C, Male Thread, Cejn Plug Type	1/2" BSP
205 00 054	Full Flow DN8D Hose Stem, Nitto Plug Type	8mm (5/16)
205 00 055	Full Flow DN8D Hose Stem, Nitto Plug Type	10mm (3/8)
205 00 056	Full Flow DN8D Hose Stem, Nitto Plug Type	13mm (1/2)

## HOSE FITTINGS – AIR LINE



A full range of popular genuine Jamec Pem air fittings and accessories available at all stores. See in store for details. Nitto, Ryco and other equivalent styles available.



ADAPTOR – FEMALE  
1/4" BSP  
Part Number: 31.1111



COUPLING – FEMALE  
1/4" BSP  
Part Number: 13.0980



ADAPTOR – MALE  
1/4" BSP  
Part Number: 31.1107



COUPLING – MALE  
1/4" BSP  
Part Number: 13.0965



ADAPTOR – HOSE TAIL  
3/8"  
Part Number: 31.1119



COUPLING – HOSE TAIL  
3/8"  
Part Number: 13.0940



TAIL PIECES – MALE  
1/4" BSP  
Part Number: 28.1206



ELBOWS  
1/4" BSP  
Part Number: 45.1579



THREADED ELBOWS  
1/4" BSP  
Part Number: 47.1610



THREADED MALE T PIECES  
3/8" BSP  
Part Number: 48.1628



BARBED T PIECES  
3/8" BSP  
Part Number: 49.1646



THREADED FEMALE T PIECES  
1/4" BSP  
Part Number: 50.1650



Y PIECES FEMALE  
1/4" BSP  
Part Number: 18.1660



Y PIECES BARBED  
3/8" BSP  
Part Number: 18.1668



DOUBLE ENDED TAILS  
3/8" BSP  
Part Number: 27.1283



Genuine



CUPLA™



Sockets - For Hose Connection (SH)

Model Number	Application
20SH	For 1/4" hose
30SH	For 3/8" hose
40SH	For 1/2" hose



Sockets - For Female Thread Connection (SM)

Model Number	Application
20SM	1/4" BSP
30SM	3/8" BSP
40SM	1/2" BSP



Sockets - For Male Thread Connection (SF)

Model Number	Application
20SF	1/4" BSP
30SF	3/8" BSP
40SF	1/2" BSP

## Hi-Cupla

- Extremely durable airline cupla for connecting factory air supply to pneumatic tool hoses
- Important structural parts are hardened for added strength
- Large air flow
- Also available in Brass and Stainless Steel
- Made in Japan

Genuine



CUPLA™



Sockets - For Hose Connection (SH)

Model Number	Application
200-20SH	For 1/4" hose
200-30SH	For 3/8" hose
200-40SH	For 1/2" hose



Sockets - For Female Thread Connection (SM)

Model Number	Application
200-20SM	1/4" BSP
200-30SM	3/8" BSP
200-40SM	1/2" BSP



Sockets - For Male Thread Connection (SF)

Model Number	Application
200-20SF	1/4" BSP
200-30SF	3/8" BSP
200-40SF	1/2" BSP

## Hi-Cupla 200 Series - One - Touch Connection

- One-Touch Connection
- Simple and secure connection
- Large air flow 88 CFM (2,500 lt/min)
- New valve structure provides low pressure loss and increased flow

Genuine



CUPLA™



Sockets - For Hose Connection (SH)

Model Number	Application
L-20SH	For 1/4" hose
L-30SH	For 3/8" hose
L-40SH	For 1/2" hose



Sockets - For Female Thread Connection (SM)

Model Number	Application
L-20SM	1/4" BSP
L-30SM	3/8" BSP
L-40SM	1/2" BSP



Sockets - For Male Thread Connection (SF)

Model Number	Application
L-20SF	1/4" BSP
L-30SF	3/8" BSP
L-40SF	1/2" BSP

## Safety Lock Cuplas

- Provides a secure safety lock to prevent accidental disconnection of hoses especially pressure loss and increased flow when hoses are dragged on floors or structures
- New valve structure provides low pressure loss and increase flow
- Large air flow 88 CFM



Plugs - For Hose Connection (PH)

Model Number	Application
20PH	For 1/4" hose
30PH	For 3/8" hose
40PH	For 1/2" hose



Plugs - For Female Thread Connection (PM)

Model Number	Application
20PM	1/4" BSP
30PM	3/8" BSP
40PM	1/2" BSP



Plugs - For Male Thread Connection (PF)

Model Number	Application
20PF	1/4" BSP
30PF	3/8" BSP
40PF	1/2" BSP

Plugs to suit Hi Cupla, Hi Cupla 200 Series and Safety Lock Cupla (20, 30, 40 series)



# HOSE & FITTINGS



**Sockets - For Hose Connection (SH)**

Model Number	Application
PVR-400SH	For 1/2" hose
PVR-600SH	For 3/4" hose
PVR-800SH	For 1" hose



**Plugs - For Hose Connection (PH)**

Model Number	Application
400PH	For 1/2" hose
600PH	For 3/4" hose
800PH	For 1" hose



**Sockets - For Female Thread Connection (SM)**

Model Number	Application
PVR-400SM	1/2" BSP
PVR-600SM	3/4" BSP
PVR-800SM	1" BSP



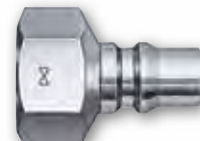
**Plugs - For Female Thread Connection (PM)**

Model Number	Application
400PM	1/2" BSP
600PM	3/4" BSP
800PM	1" BSP



**Sockets - For Male Thread Connection (SF)**

Model Number	Application
PVR-400SF	1/2" BSP
PVR-600SF	3/4" BSP
PVR-800SF	1" BSP



**Plugs - For Male Thread Connection (PF)**

Model Number	Application
400PF	1/2" BSP
600PF	3/4" BSP
800PF	1" BSP



## Rotary Plug

- Allows 360° rotary function for improved workability
- Fits to the tool at 45° - Eliminating the transfer of the hose load
- Plug is dust proofed for greater durability

Model Number	Application
RL-20PM	1/4" BSP male
RL-30PM	3/8" BSP male
RL-20PFF	1/4" BSP female



## Purge Plug

- Remaining pressurised air inside the hose gradually released on disconnection of cuplas which prevents unpleasant noise and reaction of hose
- Original purging design allows remaining pressurised air to exhaust quickly and silently
- Can be used with reliability, even when the pressure is high or hose is long

**For Hose Connection (PH)**

Model Number	Application
PV-20PH	For 1/4" hose
PV-30PH	For 3/8" hose
PV-40PH	For 1/2" hose



## Manifolds

- Solid Construction
- 1/2" Inlet allows sufficient airflow to outlets
- Fully threaded outlets to ensure secure & safe cupla connection
- Fitted with high flow Nitto 200 Series Hi-Cuplas

Model Number	Application
2- Way Manifold	For 2 outlets
3- Way Manifold	For 3 outlets

## HOSE - ASSEMBLIES



### A102 Contractors Yellow Air Hose Assemblies

Economical general purpose air hose. Abrasive, heat and ozone resistant. Construction and industrial sites, general maintenance. WP200psi.

Part No.	Length	Complete with assemblies
A10202020F	20mm x 20m coil	2 x 3/4" A type industrial hose end coupling, 2 x hose clamps with safety claw
A10202520F	20mm x 20m coil	2 x 1" A type industrial hose end coupling 2 x hose clamps with safety claw



### Blue Air Tool

Fitted with one touch couplers and Dixon brass ferrules, eliminating hose clamps which can leak and snag.

WP: 232psi BP: 928psi.



Part No.	ID	OD	Length Meter
H0301010F	10mm	17.5mm	10
H0301020F	10mm	17.5mm	20
H0301030F	10mm	17.5mm	30





### Crimped Hose Assembly

- Fitted with Nitto 200 Series Cuplas (Hi Flow)
- Air hose with distinctive yellow and blue striping - Recognised by all as one of the best quality hoses available!
- Crimped fittings - Eliminates hose clamps which can leak and snag
- Saves time - Available in convenient lengths - 10m, 20m and 30m



Model Number	Hose ID	Length
HA200-30SHP10	10mm	10m
HA200-30SHP20	10mm	20m
HA200-30SHP30	10mm	30m



### Maxus X-Lite Poly Hose

- Contractor grade Polyurethane
- Air Hose 50ft x 1/4" (15.24m x 6.4mm)
- Nitto style fittings

Product Code: CHMX-2050X



### PVC Air Hose

- 9.5mm ID x 15m air hose
- 300 PSI
- 1/4" BSP male fittings both ends

Product Code: CHPA1178



## HOSE - AIR DELIVERY



The Right Connection™

### Blue Air Tool

**Tube:** White PVC  
**Cover:** Blue smooth PVC  
**Reinforcement:** HS polyester braid  
**Pressure:** 300 Psi  
**Temperature:** 0°C to 60°C  
**Special Features:** Exceeds AS 2554 Class B, UV stabilised  
**Size Range:** 6mm to 12.5mm  
**Application:** Fluid transfer low temp, flexible

Part No.	ID	OD	Part No.	ID	OD
H03006MTR	6mm	11.0mm	H03010MTR	10mm	17.5mm
H0300620	6mm	11.0mm	H0301020	10mm	17.5mm
H03008MTR	8mm	14.2mm	H03012MTR	12.5mm	19.7mm
H0300820	8mm	14.2mm	H0301220	12.5mm	19.7mm



The Right Connection™

### A190 Super Air & Water Hose

**Tube:** SBR  
**Cover:** EPDM  
**Reinforcement:** High strength synthetic cord  
**Pressure:** 300 Psi  
**Temperature:** -30°C to 70°C  
**Special Features:** Weather and Ozone resistant  
**Size Range:** 12.5mm to 100mm  
**Application:** Construction, mines, industrial

Part No.	ID	OD
A19001220	13mm	23mm
A19002020	19mm	29mm
A19002520	25mm	35mm
A19003220	32mm	44mm

Part No.	ID	OD
A19004020	38mm	50mm
A19005020	51mm	65mm
A19008020	76mm	91mm
A19010020	102mm	122mm



The Right Connection™

### A102 Contractors Yellow Hose

**Tube:** NR/SBR  
**Cover:** SBR/EPDM blend  
**Reinforcement:** High strength polyester braid  
**Pressure:** 200 Psi  
**Temperature:** -25°C to 75°C  
**Special Features:** UV stabilized, abrasion and oil resistant  
**Size Range:** 6.3mm to 25mm  
**Application:** Industrial and constructions sites

Part Number	ID	OD
A10201220	13mm	21mm
A10202020	20mm	31mm
A10202520	25mm	37mm



The Right Connection™

### A170 Steel Wire Heavy Duty

**Tube:** SBR  
**Cover:** EPDM  
**Reinforcement:** 2 plies of steel wire cord  
**Pressure:** 500 to 390 Psi  
**Temperature:** -30°C to 70°C  
**Special Features:** Ozone resistant  
**Size Range:** 25mm to 100mm  
**Application:** Mining, quarries, industrial, construction

Part No.	ID	OD
A17002520	25mm	37mm
A17004020	38mm	55mm
A17005020	51mm	68mm

Part No.	ID	OD
A17006520	63.5mm	80mm
A17008020	76mm	96mm
A17010020	102mm	127mm





# HOSE & FITTINGS

## HOSE - AIR/WATER DISCHARGE



### A200 Air & Water Discharge

**Tube:** SBR  
**Cover:** EPDM  
**Reinforcement:** High strength synthetic cord  
**Pressure:** 150 Psi  
**Temperature:** -35°C to 70°C  
**Special Features:** Ozone resistant  
**Size Range:** 19mm to 300mm  
**Application:** General water transfer



Part No.	ID	OD	Part No.	ID	OD
A20002020	19mm	26mm	A20009020	90mm	102mm
A20002520	25mm	33mm	A20010020	102mm	115mm
A20003220	32mm	40mm	A20012520	127mm	145mm
A20004020	38mm	47mm	A20015020	152mm	170mm
A20005020	51mm	60mm	A20020020	203mm	217mm
A20006520	63.5mm	75.5mm	A20025420	254mm	274mm
A20008020	76mm	87mm	A20030020	305mm	324mm

## HOSE - FOOD GRADE



### TPR Food Grade

**Tube:** Clear PVC  
**Cover:** Clear PVC with blue tint  
**Reinforcement:** High strength polyester braid  
**Pressure:** 232 to 150 Psi  
**Temperature:** -5°C to 60°C  
**Special Features:** To AS/NZS 2554, Non-Toxic  
**Size Range:** 6mm to 50mm  
**Application:** Non toxic transfer hose.



Part No.	ID	OD	Part No.	ID	OD
H02006MTR	6.0mm	11.4mm	H02020MTR	20.0mm	27.8mm
H0200620	6.0mm	11.4mm	H0202020	20.0mm	27.8mm
H02008MTR	8.0mm	14.6mm	H02025MTR	25.0mm	35.0mm
H0200820	8.0mm	14.4mm	H0202520	25.0mm	35.0mm
H02010MTR	10.0mm	16.4mm	H02032MTR	32.0mm	43.0mm
H0201020	10.0mm	16.4mm	H0203220	32.0mm	43.0mm
H02012MTR	12.5mm	18.9mm	H02040MTR	40.0mm	50.4mm
H0201220	12.5mm	18.9mm	H0204020	40.0mm	50.4mm
H02016MTR	16.0mm	23.0mm	H02050MTR	50.0mm	63.5mm
H0201620	16.0mm	23.0mm	H0205020	50.0mm	63.5mm

## HOSE - AIR/WATER SUCTION & DISCHARGE



### A210 Heavy Duty Air & Water

**Tube:** NR/SBR  
**Cover:** SBR/EPDM  
**Reinforcement:** HS synthetic cord and wire helix  
**Pressure:** 150 Psi  
**Temperature:** -40°C to 70°C  
**Special Features:** Weather and ozone resistant  
**Size Range ID:** 19mm to 300mm  
**Application:** General purpose suction and delivery



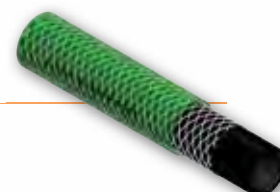
Part No.	ID	OD	Part No.	ID	OD
A21002020	19mm	29mm	A21009020	90mm	104mm
A21002520	25mm	35mm	A21010020	102mm	116mm
A21003220	32mm	47mm	A21012520	127mm	145mm
A21003820	38mm	49mm	A21015020	152mm	173mm
A21005020	51mm	63mm	A21020020	203mm	228mm
A21006320	63mm	76mm	A21025020	254mm	283mm
A21008020	76mm	88mm	A21030020	300mm	342mm

## HOSE - GARDEN



### Heavy Duty Garden

**Tube:** Black PVC  
**Cover:** Clear green  
**Reinforcement:** Polyester  
**Pressure:** 145psi  
**Temperature:** 0°C to 60°C  
**Special Feature:** UV Stabilised  
**Application:** Water supply, hand watering, sprinkler.



Part No.	ID	Fitted/unfitted	Length mtr
H1351218	12mm	Unfitted	18
H1351218F	12mm	Fitted	18
H1351230	12mm	Unfitted	30
H1351230F	12mm	Fitted	30

## HOSE - MULTI PURPOSE



### A104 Red Multi Purpose

**Tube:** NBR  
**Reinforcement:** High strength polyester braid  
**Pressure:** 300 to 200 Psi  
**Temperature:** -20°C to 100°C  
**Special Features:** UV stabilized and non-conductive  
**Size Range:** 4.8mm to 50mm  
**Application:** Foundaries, auto plants, construction, etc.



Part No.	ID	OD	Part No.	ID	OD
A104005	4.8mm	11.1mm	A104020	19.0mm	30.2mm
A104006	6.0mm	15.9mm	A104025	25.0mm	38.0mm
A104008	8.0mm	19.0mm	A104032	32.0mm	45.0mm
A104010	10.0mm	18.2mm	A104040	38.0mm	53.0mm
A104012	12.5mm	21.9mm	A104050	50.0mm	67.0mm
A104016	16.0mm	26.0mm			

## HOSE - FUEL - FARM TANK



### Farm Tank Hose

- 1" ID fuel delivery hose
- Maximum working pressure of 145psi
- Temperature range of -50°C to +60°C
- 20 metre roll depicted

**Part Number:** FTH1





## HOSE - PETROL/OIL SUCTION & DISCHARGE



### A430 Petrol/Oil Suction & Delivery Hose

**Tube:** NBR  
**Reinforcement:** High strength cord + Wire helix  
**Pressure:** 150 Psi  
**Temperature:** -20°C to 70°C  
**Special Features:** Anti static copper wire  
**Size Range:** 19mm to 100mm  
**Application:** Hydraulic systems, wet exhaust applications.

Part No.	ID	OD	Part No.	ID	OD
A430020020	19mm	30mm	A430048020	48mm	62mm
A430022020	22mm	32mm	A430050020	51mm	63mm
A430025020	25mm	35mm	A430055020	55mm	68mm
A430032020	32mm	43mm	A430060020	60mm	73mm
A430035020	35mm	46.5mm	A430065020	63mm	78mm
A430040020	38mm	49.5mm	A430070020	70mm	83mm
A430042020	42mm	54mm	A430080020	76mm	89mm
A430045020	45mm	57mm	A430090020	90mm	105mm
			A430100020	102mm	118mm



## HOSE - WATER - LAYFLAT



### Medium Duty Blue

**Tube:** PVC  
**Reinforcement:** High strength textile  
**Pressure:** 100 to 45 Psi  
**Temperature:** -20°C to 54°C  
**Special Features:** UV stabilized, abrasion resistant  
**Size Range:** 25mm to 200mm  
**Application:** Mines, construction, irrigation

Part No.	ID	OD	WP psi	BP psi	Weight KG/mtr	Coil Length
LFAB025	26mm	29mm	100	300	0.160	100
LFAB032	33mm	35mm	100	300	0.200	100
LFAB040	40mm	43mm	75	220	0.210	100
LFAB050	52mm	55mm	75	220	0.290	100
LFAB065	65mm	68mm	60	180	0.400	100
LFAB080	77mm	82mm	60	180	0.750	100
LFAB100	103mm	107mm	60	180	0.750	100
LFAB125	128mm	132mm	45	135	1.000	100
LFAB150	153mm	158mm	45	135	1.250	100
LFAB200	207mm	212mm	45	135	1.930	100



## HOSE - SPIRAL - POLY



### Polyurethane Spiral Hose

- Coiled hose fitted with Nitto 200 Series Nut Cupla
- Hose sizes designed for use with Nitto type Nut Coupling and fittings, therefore hose clamps are not used
- Straight end sections eliminates hose splitting
- Excellent flexibility even at low temperatures
- Other combinations available upon request

Model Number	Size	Working Length
HA0803B	8mm x 5mm	2m
HA1003B	10mm x 6.5mm	2m
HA1005B	10mm x 6.5mm	4m
HA1008B	10mm x 6.5mm	6m
HA1205B	12mm x 8mm	4m
HA1208B	12mm x 8mm	6m



### Heavy Duty Red

**Tube:** PVC  
**Reinforcement:** High strength textile  
**Pressure:** 150 to 70 Psi  
**Temperature:** -20°C to 54°C  
**Special Features:** UV stabilized, abrasion resistant  
**Size Range:** 25mm to 200mm  
**Application:** Water drainage for open pit mines, engineering, dam, construction, mountains.

Part No.	ID	OD	WP psi	BP psi	Weight KG/mtr	Coil Length
LFAR040	40mm	43.6mm	150	450	0.30	100
LFAR050	52.5mm	56.5mm	150	450	0.42	100
LFAR065	66mm	70.2mm	150	450	0.55	100
LFAR080	78.5mm	82.7mm	125	375	0.66	100
LFAR100	104mm	109.0mm	125	375	1.02	100
LFAR150	155mm	160.6mm	100	300	1.65	100
LFAR200	208mm	214.8mm	70	210	2.20	100



## HOSE - STEAM



### A230 Steam Hose

**Tube:** EPDM  
**Reinforcement:** Plies of steel wire cord  
**Pressure:** 270 Psi  
**Temperature:** -40°C to 210°C  
**Special Features:** BS 5342 and Ozone resistant  
**Size Range:** 12.5mm to 100mm  
**Application:** Designed for services with saturated steam in heat control.

Part No.	ID	OD	Part No.	ID	OD
A23001220	12.5mm	25mm	A23005020	51mm	67mm
A23002020	20mm	31mm	A23006520	63.5mm	81.5mm
A23002520	25mm	37mm	A23008020	76mm	96.5mm
A23003220	32mm	46mm	A23010020	102mm	124mm
A23004020	38mm	54mm			



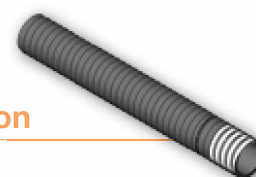
## HOSE - WATER - SUCTION



### Heavy Duty Premium Grey Suction

**Tube:** PVC  
**Reinforcement:** Rigid PVC helix  
**Pressure:** 189 to 44 Psi  
**Temperature:** -5°C to 60°C  
**Special Features:** UV stabilized, abrasion resistant  
**Size Range:** 25mm to 150mm  
**Application:** Tank trucks, agricultural, industrial, ships, silos and general manufacturing.

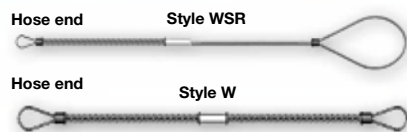
Part No.	ID	OD	Part No.	ID	OD
AUS025G020	25mm	32mm	AUS065G020	63mm	73mm
AUS032G020	32mm	40mm	AUS076G020	76mm	87mm
AUS038G020	38mm	49mm	AUS100G020	102mm	115mm
AUS045G020	45mm	54mm	AUS125G020	127mm	141mm
AUS050G020	50mm	60mm	AUS150G020	152mm	170mm





# HOSE & FITTINGS

## HOSE - WHIPCHECK CABLES



### King "Whipcheck" Safety Cable

**Application:** These strong steel cables prevent hose whip in case of accidental separation of coupling or clamp device. "WHIPCHECK" reaches across the hose fittings to provide stand by safety for hose. Spring-loaded loops in the cable ends open easily to pass over the couplings for a firm grip on the hose. Thoroughly tested with years of service. "WHIPCHECK" should be installed in the extended position (no slack).

#### Features:

- Hose-to-hose or hose-to-rigid outlet
- Whipcheck is the low cost answer to eliminate injuries caused by broken air hose connections
- Highly resistant to rust and corrosion
- No tools needed - Easy to install and remove
- **Accepted by:** Bureau of Mines, Bureau of Reclamation, U.S. Army Corps. of Engineering, MSHA

#### Style WSR for Hose to Tool Service

Part Number	Cable	Hose ID	Length	Max WP
WSR1	3mm	13-32mm	515mm	200psi
WSR3	5mm	13-50mm	712mm	200psi
WSR2	6mm	38-75mm	962mm	200psi
WSR4	10mm	100mm	1118mm	200psi

#### Style W for Hose to Hose Service

Part Number	Cable	Hose ID	Length	Max WP
WB1	3mm	13-32mm	515mm	200psi
WB3	5mm	13-50mm	712mm	200psi
WA2	6mm	38-75mm	962mm	200psi
WA4	10mm	100mm	1118mm	200psi

## HOSE MENDER - BOSS



### "Boss" Hose Mender

Part Number	Size	Material
M1	15mm	Plated Steel
M6	20mm	Plated Malleable Iron
M11	25mm	Plated Malleable Iron
M16	32mm	Plated Malleable Iron
M21	40mm	Plated Malleable Iron
M26	50mm	Plated Malleable Iron
M31	65mm	Plated Malleable Iron
M36	75mm	Plated Malleable Iron
M46	100mm	Plated Malleable Iron
M66	150mm	Plated Steel

Collars to engage grip fingers of "Boss" clamps.

## HOSE - MALE STEM - BOSS



Steel Bar Stock

Malleable Iron

### "Boss" Male Stem

Steel Bar Stock		Malleable Iron	
Part Number	Hose x thread Size	Part Number	Size
MS4X2	6mm x 3mm	MS16	32mm
MSA	6mm x 6mm	MS21	40mm
MSB	6mm x 10mm	MS26	50mm
MS6X4	10mm x 6mm	MS31+	65mm
MSC	10mm x 10mm	MS36	75mm
MS6X8	10mm x 15mm	MS46	100mm
MS8X4	15mm x 6mm		
MS8X6	15mm x 10mm		
MS1	15mm x 15mm		
MS8X12	15mm x 20mm		
MS12X8	20mm x 15mm		
MS6	20mm x 20mm		
MS12X16	20mm x 25mm		
MS16X12	25mm x 20mm		
MS11	25mm x 25mm		

+ NPT only  
\* BSP is also available



## HOSE REELS



## RETRACTA® Hose Reels

RETRACTA® is the market leader in auto-rewind hose reel systems with a wide range of models to suit any industry work environment. All RETRACTA® reels are fully repairable and feature a 10 year limited warranty and parts guarantee.

Model	Description	Hose ID	Hose Length	Working Pressure	Reel Inlet (BSP (RC)/NPT)/ House Outlet (BSP (RC)/NPT)
AR2101	Compressed Air	10 mm	20 m	1 700 kPa (250 psi)	3/8" / 1/4"
AR2121	Compressed Air	12.5 mm	15 m	1 700 kPa (250 psi)	3/8" / 3/8"
AW2150	Compressed Air/Water	10 mm	15 m	1 700 kPa (250 psi)	3/8" / 1/4"
FG2106	Food Gas/CO <sub>2</sub>	6 mm	20 m	1 700 kPa (250 psi)	3/8" / 1/4"
HWP2101	high pressure hot water	10 mm	12 m	20 700 kPa (3000 psi)	3/8" / 3/8"
OA2551	Oxy/Acetylene	5 mm	15 m	1 400 kPa (200 psi)	5/8" UNF / 5/8" UNF
AW2101	Compressed Air/Water	10 mm	20 m	1 700 kPa (250 psi)	3/8" / 1/4"
OMP2101	Medium Pressure Oil	10 mm	10 m	6 900 kPa (1000 psi)	3/8" / 1/2"
PW2121	Potable Water	12.5 mm	15 m	1 000 kPa (150 psi)	3/8" / 3/8"
GR2061	Grease	6 mm	10 m	34 500 kPa (5000 psi)	1/4" / 1/4"

## Single Pedestal Metal Hose Reels

Made of powder coated steel with a single pedestal and integral spring system, these reels are available in air/water, oil and grease models.

Model	Description	Hose ID	Hose Length	Working Pressure	Reel Inlet (BSP (RC)/NPT)/ House Outlet (BSP (RC)/NPT)
MAS1220-01	Air/Water	12 mm (1/2")	20 m	2 100 kPa (300 psi)	1/2" BSP / 1/2" BSP
MGS0615-01	Grease	6 mm (1/4")	15 m	34 500 kPa (5000 psi)	1/4" BSP / 1/4" BSP
MOS1220-01	Oil	12 mm (1/2")	20 m	6 900 kPa (1000 psi)	1/2" BSP / 1/2" BSP
MAS1020-01	Air/Water	10mm (3/8")	20 m	2 100 kPa (300 psi)	3/8" BSP / 3/8" BSP

## Heavy Duty Twin Pedestal Stainless Steel Hose Reels

Model	Description	Hose ID	Hose Length	Working Pressure	Reel Inlet (BSP (RC)/NPT)/ House Outlet (BSP (RC)/NPT)
SSR1320N-01	Stainless Steel	13 mm (1/2")	Bare Reel	20 700 kPa (3,000 psi)	1/2" BSP / N/A
SSR2520N-01	Stainless Steel	25 mm (1") Swivel	Bare Reel	13 800 kPa (2,000 psi)	1" BSP / N/A

## Heavy Duty Twin Pedestal Metal Hose Reels

Provided with twin pedestal supports for added strength and stability, these heavy duty reels are ideal for truck mount applications.

Model	Description	Hose ID	Hose Length	Working Pressure	Reel Inlet (BSP (RC)/NPT)/ House Outlet (BSP (RC)/NPT)
MATP1920-01	Air/Water	19 mm (3/4")	20 m	2100 kPa (300 psi)	3/4" BSP / 3/4" BSP
MDTP2520-01	Diesel	25 mm (1")	20 m	3500 kPa (500 psi)	1" BSP / 1" BSP
MGTP0915-01	Grease	9 mm (3/8")	15 m	34 500 kPa (5,000 psi)	3/8" BSP / 3/8" BSP
MOTP1920-01	Oil	19 mm (3/4")	20 m	6900 kPa (1,000 psi)	3/4" BSP / 3/4" BSP
MATP1220-01	Air/Water	12 mm (1/2")	20 m	2100 kPa (300 psi)	1/2" BSP / 1/2" BSP
MGTP0615-01	Grease	6 mm (1/4")	15 m	34 500 kPa (5,000 psi)	1/4" BSP / 1/4" BSP
MOTP1220-01	Oil	12 mm (1/2")	20 m	6900 kPa (1,000 psi)	1/2" BSP / 1/2" BSP

## Powered Metal Hose Reels

Assembled and tested in Australia, and with pneumatic, hydraulic and 24V DC electric power options along with a 5 year warranty. Macnaught provides powerful options to suit specific customer needs.

Model	Description	Hose ID	Hose Length	Working Pressure
MATP2520/MATP3820	Air/Water	25mm (1") / 38mm (1 1/2")	20 m	6890 kPa (1000 psi) / 8615 kPa (1250 psi)
MOTP3820NH	Supplied without Hose	N/A	N/A	6890 kPa (1000 psi)
MOTP2520/MOTP3820	Oil Diesel	25mm (1") / 38mm (1 1/2")	20m	6890 kPa (1000 psi) / 8615 kPa (1250 psi)



# HOSE & FITTINGS

## HOSE - REELS - AIR/WATER



### Air Hose Reel

- 18m x 10mm ID hose and 0.9m lead in hose
- Impact resistant UV stabilised covers for maximum durability
- Automatic and positive latching mechanism
- Can be mounted on the floor, wall or ceiling
- Adjustable spring tension
- High flow swivel and fluid path facilitates maximum air flow
- Crimped hose ends reduce OH&S concerns and possible air leaks
- Detachable steel mounting bracket included standard enables 180° hose reel rotation

Part Number: SA300



### Air Hose Reel

- 15m x 12mm ID hose & 0.9m lead in hose
- Impact resistant UV stabilised covers for maximum durability
- Automatic and positive latching mechanism
- Can be mounted on the floor, wall or ceiling
- Adjustable spring tension
- High flow swivel and fluid path facilitates maximum air flow
- Crimped hose ends reduce OH&S concerns and possible air leaks
- Detachable steel mounting bracket included standard enables 180° hose reel rotation

Part Number: SA400



### Air Hose Reel

- Supplied with 15 metres of fitted 10mm ID hose
- Impact resistant polypropylene construction
- Maximum working pressure of up to 300psi
- Automatic and positive latching mechanism
- 3/8" inlet & outlet connections
- Inclusive of an integral wall/ceiling mounting bracket and 0.9 metre lead in hose
- Ideal for use with drills, impact wrenches, angle grinders, ratchets and tyre gauges

Part Number: HR40010



### Hose Reel with Air Hose

- Hose reel with 50ft x 3/8" air hose
- 50ft quality PVC air hose
- 300 PSI

Product Code: CHPA119401



### Bianco Hose Reels

180° Swivel Rotation extends your reach and allows you to reach all desired points within the hose length. Includes 20m hose & fittings. Convenient carry handle allows you to move the hose reel between selected mounting points. Automatic rewind allows you to extend and retract your hose without kinks and knots.

Part Number	Description	Size
BIA-ZA01-20B	Bianco Auto Air Reel	20m
BIA-ZW03-20B	Bianco Auto Hose Reel	20m



### Air & Water Hose Reel

- Supplied with 15 metres of fitted 12mm ID hose
- Made from high quality impact resistant polypropylene
- Maximum working pressure of up to 300psi
- 1/2" inlet and outlet connections
- Automatic spring rewind retrieves, stores and protects air/water hose
- Inclusive of an integral wall/ceiling mounting bracket and 0.9 metre lead in hose
- Ideal for use with drills, impact wrenches, angle grinders, ratchets, tyre gauges and water faucets

Part Number: HR40020



### Large Capacity Water Hose Reel

- Stores and retrieves up to 30 metres of 12mm ID hose
- 3/4" BSP (m) inlet and outlet threads
- Durable impact and weather resistant covers ensure a long working life
- Positive latching system locks the hose at the desired length
- Convenient carry handle facilitates easy movement of the hose reel as required
- Integral swivel bracket assists in reel mounting and demounting

Part Number: WP1290



### Water Hose Reel

- Impact resistant UV stabilised covers for maximum durability
- Automatic and positive latching mechanism
- Can be mounted on the floor, wall or ceiling
- Adjustable spring tension
- High flow swivel and fluid path facilitates maximum delivery
- Includes detachable steel mounting bracket, 18 metres of 12mm ID hose, a 1.2 metre lead in hose and a water nozzle

Part Number: SW500





## HOSE - REELS - AIR REWIND



### Air Rewind Hose Reel

- Engineered and designed for use in challenging, heavy duty applications
- Can store and retrieve up to 30 metres of 38mm ID hose
- Pressures up to 600psi
- Adjustable drag brake eliminates hose drag while unreeling the hose
- Operating temperatures of between -29°C and +99°C
- 1-1/2" NPT (f) inlet and outlet

Part Number: 1185-2024-A



### Large Capacity Air Rewind Hose Reel

- Working pressures of up to 600psi
- 2" NPT inlet and outlet ports
- All metal construction
- Can store and retrieve up to 35m of 48mm ID hose
- Suitable for air, water, fuel, lubricant and waste oil transfer
- Engineered and manufactured for use in challenging, heavy duty applications

Part Number: 1195-932-A



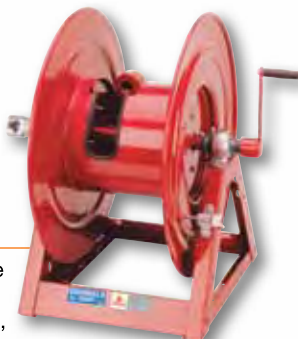
## HOSE - REELS - HAND REWIND



### 1" Hand Rewind Hose Reel

- Stores and retrieves up to 15m x 25mm ID hose
- All metal construction
- Engineered and designed for use in challenging, heavy duty applications
- Solid steel crank with smooth round handle
- Pressures of up to 3,000psi
- Zinc plated steel swivels with AFLAS swivel seals

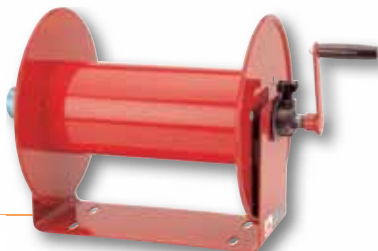
Part Number: 1175-6-50



### Hand Rewind Hose Reel

- The 117-5-100 hose reel is a high performance, compact hand crank hose reel
- Standard working pressures of up to 4,000psi
- Reel handles fluid temperatures from -29°C up to +99°C
- Adjustable drag brake eliminates hose backlash while the hose is unreeling
- Stores and retrieves up to 30 metres of 19mm ID hose
- Other models for larger and longer hoses available
- Hose not included

Part Number: 117-5-100



## HOSE - REELS - FUEL



### 3/4" Fuel Hose Reel

- Latest hydraulic system design principles result in reduced pressure loss even for high flow pumps
- Maximum operating pressure of up to 145psi
- Covered latch mechanism protects against accidental contact with the hands
- Adjustable arms for ease of positioning as required
- Supplied complete with 10 metres of 3/4" fuel delivery hose and hose stop

Part Number: 750040



## HOSE - REELS - HEAVY DUTY - OIL



### 3/4" Heavy Duty Oil Hose Reel

- Dual pedestal, high volume, spring rewind hose reel
- All metal, heavy duty, reinforced construction
- Wall, floor, ceiling or tank mount possible
- Includes 15 metres of 19mm ID delivery hose and 0.8 metre lead in hose
- Also suitable for air, water, waste oil and fuel transfer

Part Number: 505201



### Alemite 1" Heavy Duty Oil Hose Reel

- Heavy duty containerised and gasketed spring assembly
- High volume delivery
- Superior bearing performance reduces torque load and facilitates smooth retraction
- Adjustable arm allows for floor, ceiling, wall or vehicle mounting
- Narrow width enables the user to fit more reels in limited space applications
- Latch pawl spring and roller guide assembly covered by lifetime guarantees
- Also suitable for air, water, waste oil and fuel transfer

Part Number: 8080-G



## HOSE - REELS - OXY ACETYLENE



### Oxy Acetylene Hose Reel

- Heavy duty steel construction with corrosion resistant powder coat finish
- Double o'ring design prevents leaks
- Maximum working pressure of 300psi
- Supplied inclusive of 15 metres of 1/4" ID hose and 1.5 metre lead in hose
- Suitable for use on utes, tray top and flat bed trucks
- Ideal for contractors, fabricators and people involved in the construction industry

Part Number: OS615





# HOSE & FITTINGS

## HOSE - REELS - LARGE CAPACITY



### Large Capacity Hose Reel

- Stores and retrieves up to 15m x 38mm ID hose
- All metal construction
- Engineered and designed for use in challenging, heavy duty applications
- Pressures of up to 600psi
- Nitrile swivel seals

Part Number: 1185-1124



## SCREWED PIPE FITTINGS



### Malleable Iron

#### Application

General low pressure air and water

#### Body Material

ISO 5922 Malleable Cast Iron

#### Design Standards

Generally in accordance with AS3673. Slight variations may occur where manufacturer's dimensions are used. ISO 7-1 - Pipe threads where pressure-tight joints are made on the threads

#### Thread Standards

ISO 1461 - Hot dip galvanised coatings on fabricated iron and steel articles

#### Plating Standards

#### Working Pressure

150psi

### Steel

#### Application

General low pressure air and water, where Galvanised Malleable fittings are not suitable.

#### Body Material

Information not available at time of print.

#### Design Standards

Generally in accordance with AS3672. Slight variations may occur where manufacturer's dimensions are used. ISO 7-1 - Pipe threads where pressure-tight joints are made on the threads

#### Thread Standards

ISO 1461 - Hot dip galvanised 150psi coatings on fabricated iron and steel articles

#### Plating Standards

#### Working Pressure

300psi

### Stainless Steel

#### Application

For use in low pressure applications, Suitable for use in harsh environments such chemical applications, corrosive environments as well as standard air and water applications

#### Body Material

CF8M (316) manufactured to ASTM A351

#### Design Standards

Class 150lb

#### Thread Standards

ISO 7-1 - Pipe threads where pressure-tight joints are made on the threads

#### Plating Standards

Not applicable

#### Working Pressure

300psi

## RUBBER - NATURAL INSERTION



### Natural Insertion Rubber

#### Application:

Matting, packing, gaskets, dust curtains and mud flaps

#### Reinforcing:

Cotton Ply

#### Temperature Range:

-20°C to 60°C



Part No.	Thickness	Width	PLY	Roll	Weight per Roll
NIR015	1.5mm	1200mm	1	10m	27kg
NIR03	3.0mm	1200mm	1	10m	54kg
NIR045	4.5mm	1200mm	2	10m	81kg
NIR06	6.0mm	1200mm	2	10m	108kg
NIR10	10.0mm	1200mm	2	10m	180kg

## RUBBER - NEOPRENE



### Neoprene

#### Application:

Matting, gaskets, bumper strips.

#### Temperature Range:

-20°C to 60°C



Part Number	Thickness	Width	Roll	Weight per roll
NEO015	1.5mm	1200mm	10m	27kg
NEO030	3mm	1200mm	10m	54kg
NEO045	4.5mm	1200mm	10m	81kg
NEO060	6mm	1200mm	10m	108kg

## RUBBER - NEOPRENE INSERTION



### Neoprene Insertion

#### Application:

Matting, packing, gaskets, dust curtains and mud flaps.

#### Reinforcing:

Cotton ply

#### Temperature range:

-20°C to 60°C



Part Number	Thickness	Width	Ply	Roll	Weight per roll
NEO015IR	1.5mm	1200mm	1	10	27kg
NEO030IR	3mm	1200mm	1	10	54kg
NEO045IR	4.5mm	1200mm	2	10	81kg
NEO060IR	6mm	1200mm	2	10	108kg

## ELBOWS - GALV



### Galvanised Malleable 90° Elbow

- Female x Female available sizes 1/4" to 4" BSP

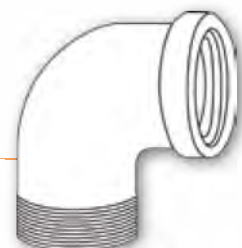
Part Number: FMG-EFF



### Galvanised Malleable 90° Elbow

- Female x Male available sizes 1/4" to 4" BSP

Part Number: FMG-EMF



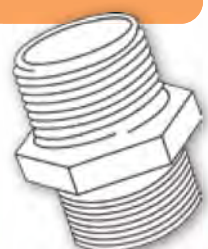
## NIPPLES HEX - GALV



### Galvanised Malleable Hex Nipple

- Available sizes 1/4" to 4" BSP

Part Number: FMG-HN





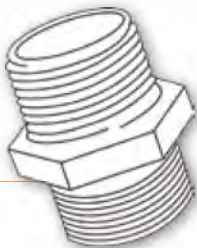
## NIPPLES HEX REDUCING - GALV



### Galvanised Malleable Reducing Hex Nipple

- Available in a full range of sizes

Part Number: FMG-HN8-6-100-80



## SOCKETS - GALV



### Galvanised Malleable Sockets

- Available sizes 1/4" - 4" BSP

Part Number: FMG-SOC



## REDUCING BUSH - GALV



### Galvanised Malleable Reducing Hex Bush

- Available in a full range of sizes

Part Number: FMG-BUS



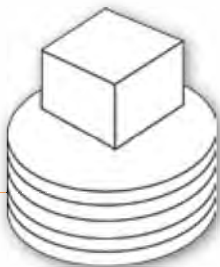
## SOCKET PLUG - GALV



### Galvanised Malleable Socket Plug

- Available sizes 1/4" - 4" BSP

Part Number: FMG - HP



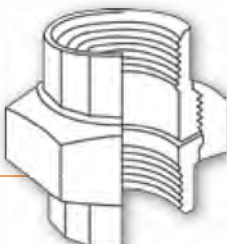
## UNIONS - GALV



### Galvanised Malleable Union

- Female x Female available sizes 1/2" - 4" BSP

Part Number: FMG-UBS



## TEE - GALV



### Galvanised Malleable Tee

- Available sizes 1/4" - 4"

Part Number: FMG-TEE



## SEALS & TOOLS

### minsip

#### Composite Bellows Seal for Surelock Claw Couplings



Part Number	Head Size	Size	Pkg Qty
05/007/07/000	small	3/8" - 1 1/4"	1
05/007/05/000	medium	1 1/2" - 2	1
08/007/09/002	large	3"	1

### minsip

#### Seal Insertion Tool



Part Number	Head Size
IT100SL	small
IT200SL	medium

## STRAINERS - HOSE



### Brass "Y" Strainer



Part Number	Size
BYLF006	8mm
BYLF010	10mm
BYLF012	15mm
BYLF020	20mm

Part Number	Size
BYLF025	25mm
BYLF032	32mm
BYLF040	40mm
BYLF050	50mm

## VALVES - BALL



### AGA Approved Brass Ball Valve



Part Number	Size	Working Pressure
BBVAGA006	8mm	600psi
BBVAGA010	10mm	600psi
BBVAGA012	15mm	600psi
BBVAGA020	20mm	600psi

Part Number	Size	Working Pressure
BBVAGA025	25mm	600psi
BBVAGA032	32mm	600psi
BBVAGA040	40mm	600psi
BBVAGA050	50mm	600psi



### Brass Ball Valve with S/S Handle



Part Number	Size
BBVSTD006SS	8mm
BBVSTD010SS	10mm
BBVSTD012SS	15mm
BBVSTD020SS	20mm

Part Number	Size
BBVSTD025SS	25mm
BBVSTD032SS	32mm
BBVSTD040SS	40mm
BBVSTD050SS	50mm



# HOSE & FITTINGS



## One Piece S/S Ball Valve

Part No.	Size	Part No.	Size	Part No.	Size
SS1P006	8mm	SS1P020	20mm	SS1P040	40mm
SS1P010	10mm	SS1P025	25mm	SS1P050	50mm
SS1P012	15mm	SS1P032	32mm		



## Two Piece S/S Ball Valve

Part No.	Size	Part No.	Size	Part No.	Size
SS2P006	8mm	SS2P020	20mm	SS2P040	40mm
SS2P010	10mm	SS2P025	25mm	SS2P050	50mm
SS2P012	15mm	SS2P032	32mm		



## Three Piece S/S Ball Valve

Part Number	Size	Part Number	Size
SS3P015	15mm	SS3P050	50mm
SS3P020	20mm	SS3P065	65mm
SS3P025	25mm	SS3P075	80mm
SS3P032	32mm	SS3P100	100mm
SS3P040	40mm		



## VALVES - SWING CHECK



## Brass Check Valve Swing

Part No.	Size	Part No.	Size	Part No.	Size
BSCV012	15mm	BSCV032	32mm	BSCV065	65mm
BSCV020	20mm	BSCV040	40mm	BSCV075	80mm
BSCV025	25mm	BSCV050	50mm	BSCV100	100mm



## VALVES - BUTTERFLY



## Wafer Butterfly Valves

**Design:** Wafer butterfly valve, lever or gear operated  
**End Connection:** Wafer or lugged to table E  
**Body Material:** Cast iron body  
**Seats and Trim:** SS316 trim, EPDM seat.  
**Application:** Suitable for water, process systems etc.



Part Number	Size	Cold WP (kPa)	Part Number	Size	Cold WP (kPa)
VBF-IBFW050	50mm	1,600	VBF-IBFW150	150mm	1,600
VBF-IBFW065	65mm	1,600	VBF-IBFW200	200mm	1,600
VBF-IBFW080	80mm	1,600	VBF-IBFW250	250mm	1,600
VBF-IBFW100	100mm	1,600	VBF-IBFW300	300mm	1,600
VBF-IBFW125	125mm	1,600			

## VALVES - FOOT



## Brass Foot Valve

Part Number	Size	Part Number	Size
BFV020	20mm	BFV050	50mm
BFV025	25mm	BFV065	65mm
BFV032	32mm	BFV075	80mm
BFV040	40mm	BFV100	100mm





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# NOTES





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