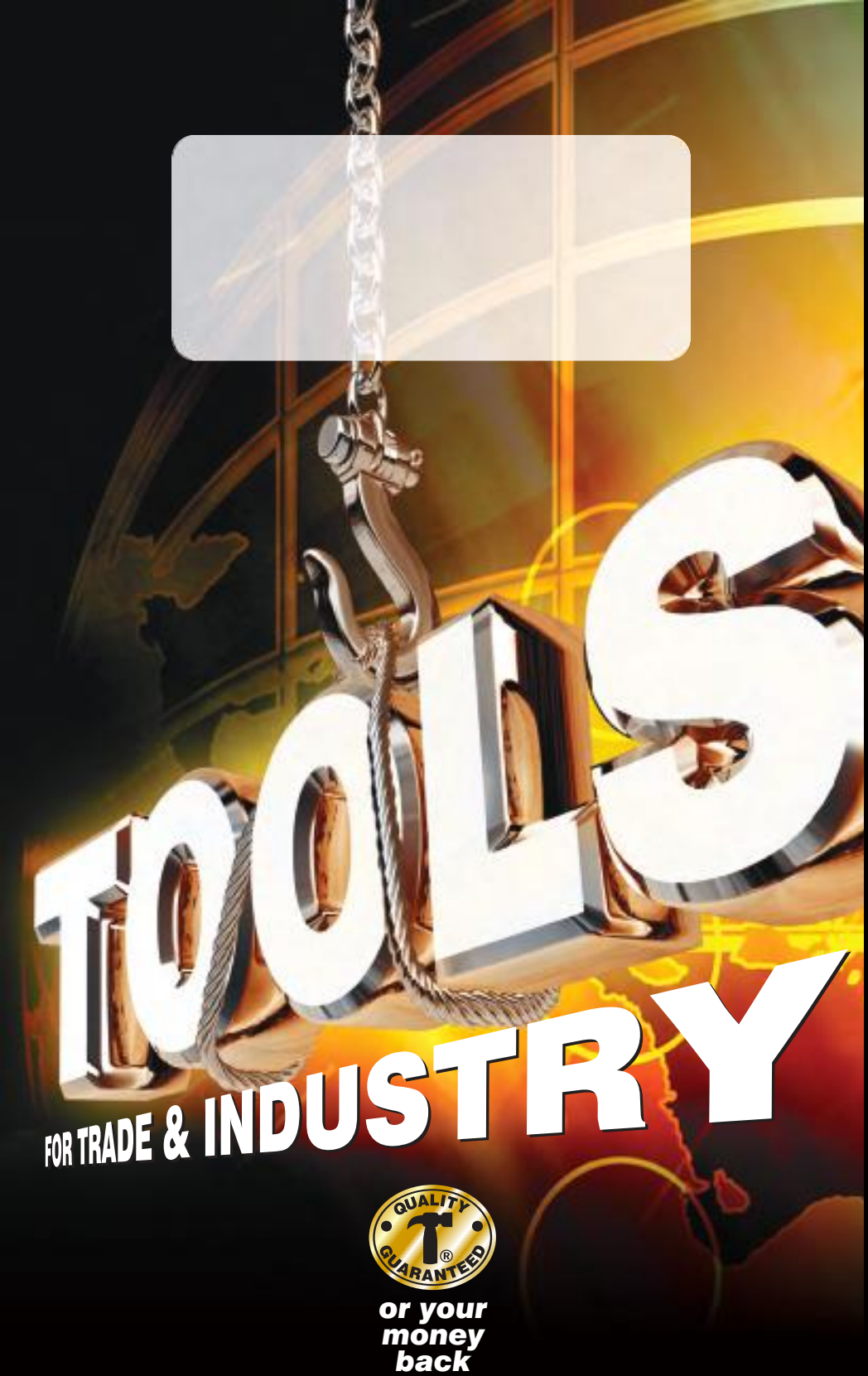


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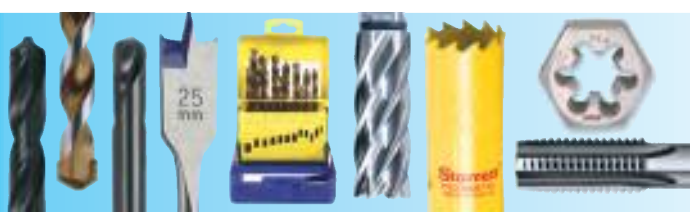
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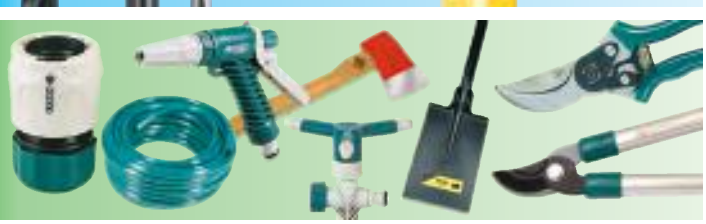
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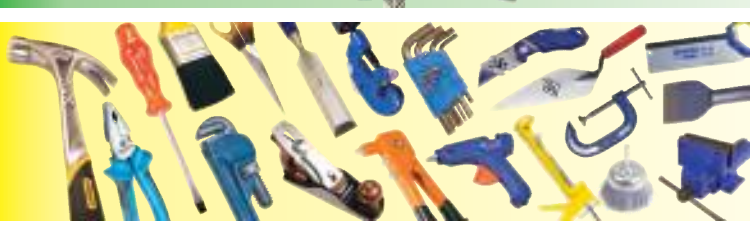
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Abrasives



Abrasives

A comprehensive range of abrasive products manufactured to the World Safety Standard (OSA) & EN Specification to ensure product performance, durability & consistency.



Cutting Wheels



3-in-1 Discs



Grinding Discs



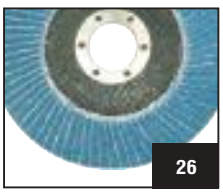
Rubbing Bricks



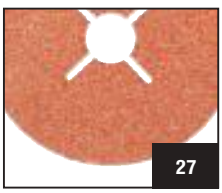
Grinding Wheels



Sharpening Stones



Flap Discs



Resin Fibre Discs



Sanding Belts



Discs , Belts Pre-Packs



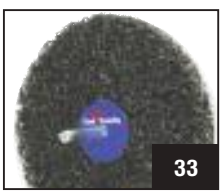
Sanding Sheets



Abrasive Rolls



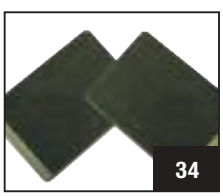
Flap Wheels



Clean & Strip Wheels



Orbital Sander Sheets



Abrasive Sponge Blocks



Mirlon Rolls & Pads



Accessories

- Silicon Carbide grain for cutting masonry, concrete, stone, tiles & non-ferrous metals
- Fox Cutting Wheels are manufactured to World OSA and EN Specifications ensuring safety, quality & consistency in performance
- The manufacturing plants are ISO 9002 certified


MASONRY


CONCRETE


STONE


TILES


NON-FERROUS METALS


DON'T GRIND ON WHEEL FACE


DRY CUTTING ONLY

Masonry Cutting Wheels
FOX91250-91280

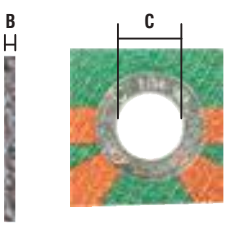


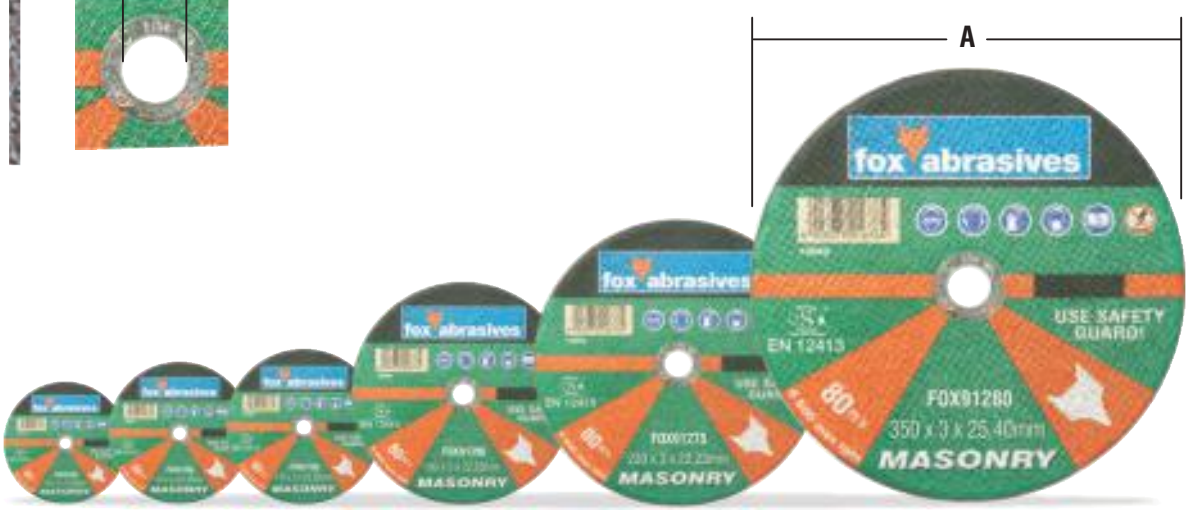
Single Wheels

Code	A - Ø mm	B - Thickness mm	C - Hole Ø mm	Case Qty
FOX91250	100	2,0	16,00	25
FOX91260	115	3,0	22,23	25
FOX91265	125	3,0	22,23	25
FOX91270	180	3,0	22,23	25
FOX91275	230	3,0	22,23	25
FOX91280	350	3,0	25,40	10

EN12413


Masonry Cutting Wheel
FOX91275





STEEL CUTTING WHEELS

- White Aluminium Oxide grain with a bond which offers long life & excellent stock removal. Fast cuts on steel, cast iron & welds
- Thin cut-off wheels (1mm) give maximum utility & cut capacity. Recommended for cutting metal profiles & steel mesh
- Fox Cutting Wheels are manufactured to World OSA and EN Specifications ensuring safety, quality & consistency in performance
- The manufacturing plants are ISO 9002 certified


STEEL


DON'T GRIND ON WHEEL FACE

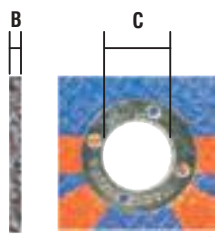

DRY CUTTING ONLY



SINGLE WHEELS

Code	A - Ø mm	B - Thickness mm	C - Hole Ø mm	Case Qty
FOX91350	100	2,0	16,00	25
FOX91355	115	1,0	22,23	25
FOX91358	115	1,0	22,23	25
FOX91360	115	2,5	22,23	25
FOX91365	125	3,0	22,23	25
FOX91370	180	3,0	22,23	25
FOX91373	230	3.0	22,23	25
FOX91375	230	3,0	22,23	25
FOX91380	300	3,0	25,40	10
FOX91385	350	3,0	25,40	10

Professional Standard EN12413







CGW CAMEL CUTTING WHEELS



ULTRA STEEL CUTTING WHEELS

- High performance steel cutting wheels offering optimum cool cutting and long life

EN12413


STEEL


DON'T GRIND ON WHEEL FACE


DRY CUTTING ONLY

SINGLE WHEELS

Code	A - Ø mm	B - Thickness mm	C - Hole Ø mm	Case Qty
FOX92350	230	3,0	22,23	20

Industrial

STEEL CUTTING WHEEL - SINGLE REINFORCED

- Single internal reinforced fiberglass construction for use on low-power floor stand machines. Offers high cutting performance
- Protects machine motor against straining & "burn-out".


STEEL


STAINLESS


NON-FERROUS METALS

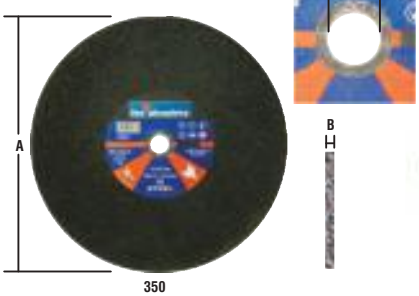

PLASTICS


DRY CUTTING ONLY

Single Wheels

Code	A - Ø mm	B - Thickness mm	C - Hole Ø mm	Case Qty
FOX91390	350	3,0	25,40	10
FOX91376	400	4,0	40,00	10

EN12413









* Bushes available from 40mm to 25,4mm

STAINLESS STEEL CUTTING WHEELS

- White Aluminium Oxide grain which is contaminate free (iron, sulphur & chlorine <0,1%) and does not cause corrosion whilst giving fast stock removal on stainless steel and steel


STAINLESS


STEEL

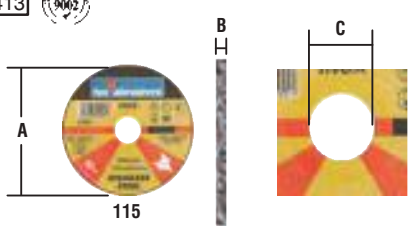

DON'T GRIND ON WHEEL FACE


DRY CUTTING ONLY

Single Wheels

Code	A - Ø mm	B - Thickness mm	C - Hole Ø mm	Case Qty
FOX91420	115	1,0	22,23	25
FOX91425	115	1,6	22,23	25

EN12413







STEEL GRINDING DISCS

- Fox Grinding Discs are manufactured to World OSA and EN Specifications ensuring safety, quality & consistency in performance
- The manufacturing plants are ISO 9002 certified
- Aluminium Oxide grain for longer life & excellent stock removal on metal


STEEL


DRY CUTTING ONLY



SINGLE WHEELS

Code	A - Ø mm	B - Thickness mm	C - Hole Ø mm	Case Qty
FOX92181	100	4,5	22,23	10
FOX92182	115	6,0	22,23	10
FOX92183	125	6,0	22,23	10
FOX92184	180	6,0	22,23	10
FOX92185	230	6,0	22,23	10
FOX91374	230	6,0	22,23	10

Professional

EN12413 ISO 9002



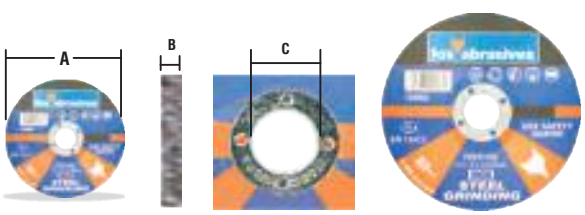
STAINLESS STEEL GRINDING DISCS

- White Aluminium Oxide grain which is contaminate free (iron, sulphur & chlorine <0,1%) for fast stock removal on stainless steel & steel


STAINLESS


STEEL


DRY CUTTING ONLY



SINGLE WHEELS

Code	A - Ø mm	B - Thickness mm	C - Hole Ø mm	Case Qty
FOX91450	115	6,0	22,23	10

3-IN-1 DISCS

- White Aluminium Oxide grain which is contaminate free (iron, sulphur & chlorine <0,1%) for fast stock removal on stainless steel & steel.


STAINLESS

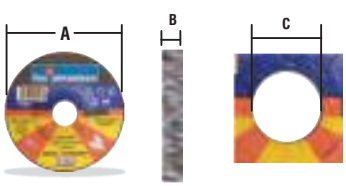

STEEL


DRY CUTTING ONLY





CUT, GRIND & FINISH
ALL WITH ONE DISC!



SINGLE WHEELS

Code	A - Ø mm	B - Thickness mm	C - Hole Ø mm	Case Qty
FOX91267	115	3,0	22,23	10

MASONRY GRINDING DISCS


MASONRY


CONCRETE


STONE


TILES


PLASTICS

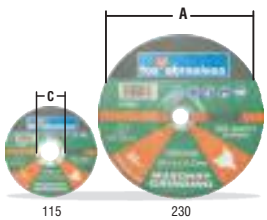

NON-FERROUS METALS


DRY CUTTING ONLY



SINGLE WHEELS

Code	A - Ø mm	B - Thickness mm	C - Hole Ø mm	Case Qty
FOX91600	115	6,0	22,23	10
FOX91610	230	6,0	22,23	10



SPANZEC MASONRY GRINDING DISCS

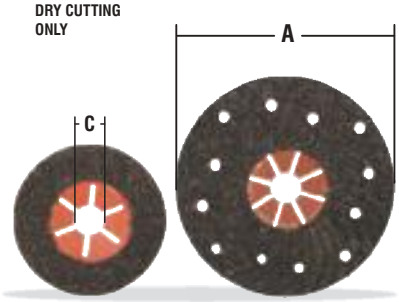

CONCRETE


STONE


TILES


PLASTICS


DRY CUTTING ONLY





SINGLE WHEELS

Code	A - Ø mm	B - Thickness mm	C - Hole Ø mm	Case Qty
FOX91830	115	6,0	22,23	10
FOX91835	180	6,0	22,23	10

RESIN BONDED RUBBING BRICKS

- Resin Bonded with a Silicon Carbide grain for leveling or grinding of concrete or masonry materials
- Can be used by hand or on machines


MASONRY


CONCRETE

Code	A - Width mm	B - Thickness mm	C - Length mm	Grit
FOX92570	50	50	100	Fine C80
FOX92571	50	50	100	Medium C46
FOX92572	50	50	100	Coarse C24
FOX92573	50	50	100	X-Coarse C16
FOX92580	50	50	200	Coarse C24
FOX92585	50	50	200	Medium C46
FOX92590	50	50	200	Fine C80



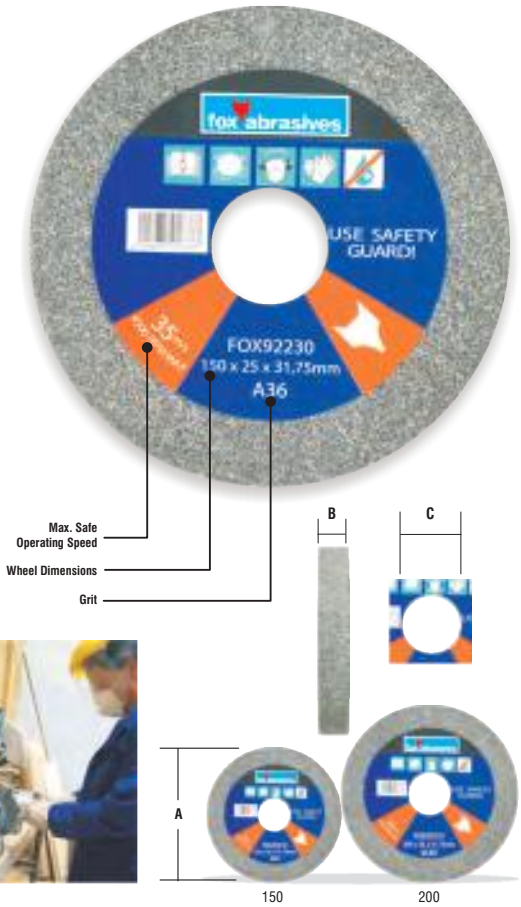
GENERAL PURPOSE GRINDING WHEELS

- Vitrified wheels for use on bench & pedestal grinders. Used for grinding steel and other metals. Available in a large range of sizes & grits for all machines & applications
- To accommodate different shaft sizes a range of plastic bushes are available

STEEL

Code	A - Ø mm	B - Thickness mm	C - Hole Ø mm	Grit
FOX92200	150	20	31,75	A36
FOX92205	150	20	31,75	A46
FOX92210	150	20	31,75	A60
FOX92215	150	20	31,75	GC60
FOX92230	150	25	31,75	A36
FOX92235	150	25	31,75	A46
FOX92240	150	25	31,75	A60
FOX92245	150	25	31,75	GC60
FOX92270	200	20	31,75	A36
FOX92275	200	20	31,75	A46
FOX92280	200	20	31,75	A60
FOX92285	200	20	31,75	GC60
FOX92300	200	25	31,75	A36
FOX92305	200	25	31,75	A46
FOX92310	200	25	31,75	A60
FOX92315	200	25	31,75	GC60

A36 - Coarse; A46 - Medium; A60 - Fine; GC60 for use on Tungsten Carbide tipped tools. Range of standard sizes held in stock. Other sizes available on request.



HITACHI GRINDING WHEEL

- For use on Hitachi GP13 straight grinder
- Ideally suited for grinding or polishing internal surfaces
- Excellent for polishing awkward shapes

Code	A - Ø mm	B - Thickness mm	C - Hole Ø mm	Grit
HTC951021	125	19	12.70	A36



SHARPENING STONES

- High quality & long lasting sharpening stone for sharpening knives, chisels, planes and other tools
- Achieves top finishes and maintains life/performance of cutting blades



Code	A - Width mm	B - Thickness mm	C - Length mm	Grit
FOX93500	50	25	200	Fine/Medium
FOX93505	50	25	200	Very Fine

COMBINATION OILSTONE

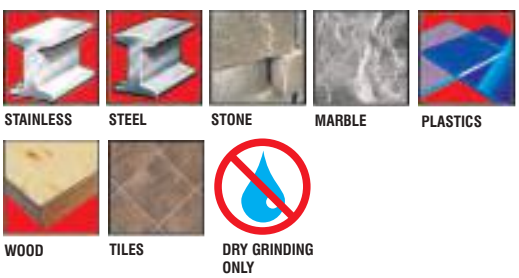
- Designed for use by carpenters and mechanics, combination stones are made with one face of coarse and one face of fine grit
- Rapid cutting quality and may be used dry or with oil



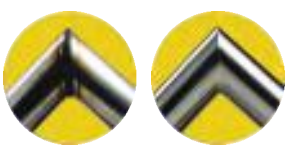
Code	Size
HON4080	200 mm

FLAP DISCS

- Fox Flap Discs are made of Alumina Zirconia coated flaps fastened to a glass fibre backing
- Zirconia is a premium grain offering toughness, durability & reducing heat whilst grinding
- Achieves blending & finishing in one operation, replacing grinding discs & resin fibre discs
- Increased performance & reduced downtime (less changing of discs) makes for cost savings & improved productivity
- Uses: grinding & finishing of welds, deburring, rust removal & snagging all ferrous & non-ferrous materials excellent for surface finishing inaccessible locations .
- Materials: stainless steel, high-alloyed steel & heat treated steel, stone, marble, plastics, perspex, wood, tiles







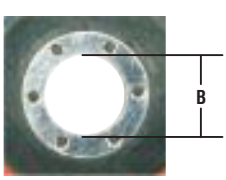




STANDARD RANGE

Code	A - Ø mm	B - Hole Ø mm	Grit
FOX91518	115	22,23mm	Z40
FOX91520	115	22,23mm	Z60
FOX91522	115	22,23mm	Z80
FOX91524	115	22,23mm	Z120





PROFESSIONAL RANGE

Code	A - Ø mm	B - Hole Ø mm	Grit
FOX91500	115	22,23mm	Z40
FOX91505	115	22,23mm	Z60
FOX91510	115	22,23mm	Z80
FOX91515	115	22,23mm	Z120
FOX91530	178	22,23mm	Z40
FOX91535	178	22,23mm	Z60
FOX91540	178	22,23mm	Z80
FOX91545	178	22,23mm	Z120



Professional Flap Discs are manufactured with a higher grade fibre backing and increased number of abrasive flaps for longer life and increased performance.

fox abrasives

RESIN FIBRE DISCS

- Aluminium Oxide grain on a vulcanized fibre backing with a heat resistant resin bond for a fast & cool cutting performance
- Offers long life & high stock removal on metal & welds
- Uses: Weld grinding, blending, finishing & deburring, used on ferrous metals, plastics, wood, fibreglass, paint & body fillers


NON-FERROUS METALS


STAINLESS


STEEL


PLASTICS


WOOD


PAINT & BODY FILLERS

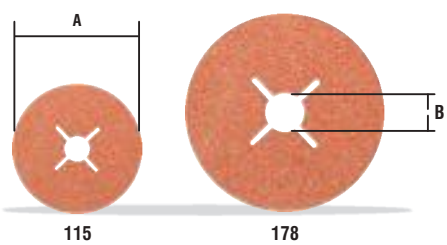

DRY CUTTING ONLY

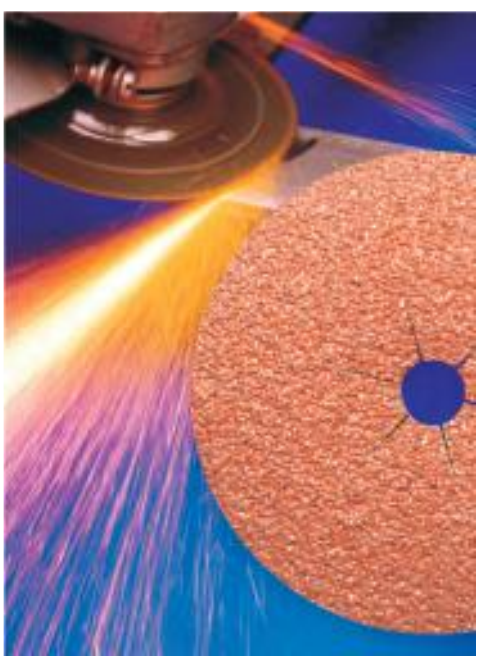


SINGLE DISCS

Code	A - Ø mm	B - Hole Ø mm	Grit
FOX91690	115	22,23mm	P24
FOX91695	115	22,23mm	P36
FOX91700	115	22,23mm	P60
FOX91705	115	22,23mm	P80
FOX91710	115	22,23mm	P100
FOX91790	178*	22,23mm	P16
FOX91795	178*	22,23mm	P24
FOX91800	178*	22,23mm	P36
FOX91805	178*	22,23mm	P60
FOX91810	178*	22,23mm	P80
FOX91815	178*	22,23mm	P100

***178mm for use on a 230mm Angle Grinder with a back-up pad.**





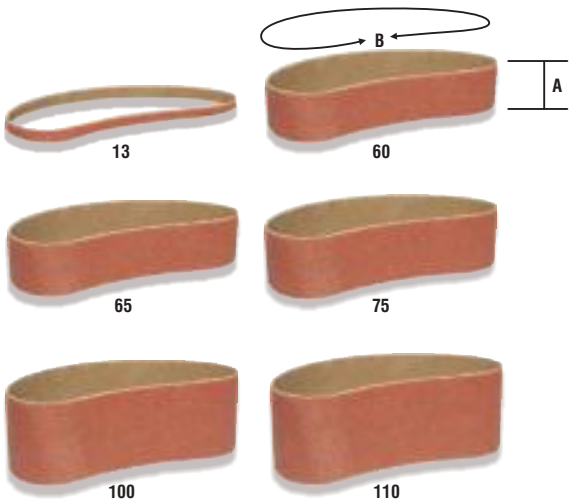




fox abrasives

SANDING BELTS - PORTABLE

- For easy and fast preparation of large surfaces for painting
- Wide range of sizes
- Cloth backed product with a high tensile strength for optimum stretching resistance
- Available in a range of grits from fine to coarse
- 10 belts per pack





SINGLE BELTS (SOLD 10 PER PACK)

Code	A - mm	B - mm	Grit
FOX90500	13	455	P40
FOX90505	13	455	P60
FOX90510	13	455	P80
FOX90515	13	455	P100
FOX90550	60	400	P40
FOX90555	60	400	P60
FOX90560	60	400	P80
FOX90565	60	400	P100
FOX90600	65	410	P40
FOX90605	65	410	P60
FOX90610	65	410	P80
FOX90615	65	410	P100
FOX90650	75	457	P40
FOX90655	75	457	P60
FOX90660	75	457	P80
FOX90665	75	457	P100
FOX90700	75	480	P40
FOX90705	75	480	P60
FOX90710	75	480	P80
FOX90715	75	480	P100
FOX90750	75	510	P40
FOX90755	75	510	P60
FOX90760	75	510	P80
FOX90765	75	510	P100
FOX90800	75	530	P40
FOX90805	75	530	P60
FOX90810	75	530	P80
FOX90815	75	530	P100

Code	A - mm	B - mm	Grit
FOX90850	75	610	P40
FOX90855	75	610	P60
FOX90860	75	610	P80
FOX90865	75	610	P100
FOX90900	100	530	P40
FOX90905	100	530	P60
FOX90910	100	530	P80
FOX90915	100	530	P100
FOX90950	100	560	P40
FOX90955	100	560	P60
FOX90960	100	560	P80
FOX90965	100	560	P100
FOX91000	100	610	P40
FOX91005	100	610	P60
FOX91010	100	610	P80
FOX91015	100	610	P100
FOX91050	100	620	P40
FOX91055	100	620	P60
FOX91060	100	620	P80
FOX91065	100	620	P100
FOX91080	100	915	P40
FOX91085	100	915	P60
FOX91090	100	915	P80
FOX91095	100	915	P100
FOX91020	110	620	P40
FOX91025	110	620	P60
FOX91030	110	620	P80
FOX91035	110	620	P100



fox abrasives

ABRASIVE DISCS - 5 PER PACK

- Easy identification of size, grit & hole pattern
- Various popular sizes for general use with many types of machines
- Self fastening, paper backed for wet & dry sanding

Code	Size/Product Description	Grit
FOX96600	115mm Resin Fibre Disc	Fine
FOX96605	115mm Resin Fibre Disc	Medium
FOX96610	115mm Resin Fibre Disc	Coarse
FOX96640	125mm Sanding Disc	Fine
FOX96645	125mm Sanding Disc	Medium
FOX96650	125mm Sanding Disc	Coarse
FOX96870	125mm 8 Hole Velcro Disc	Fine
FOX96875	125mm 8 Hole Velcro Disc	Medium
FOX96880	125mm 8 Hole Velcro Disc	Coarse
FOX96680	150mm Sanding Disc	Fine
FOX96685	150mm Sanding Disc	Medium
FOX96690	150mm Sanding Disc	Coarse
FOX96800	150mm 6 Hole Velcro Disc	Fine
FOX96805	150mm 6 Hole Velcro Disc	Medium
FOX96810	150mm 6 Hole Velcro Disc	Coarse
FOX96900	150mm 8 Hole Velcro Disc	Fine
FOX96905	150mm 8 Hole Velcro Disc	Medium
FOX96910	150mm 8 Hole Velcro Disc	Coarse
FOX96770	150mm O Hole Velcro Disc	Fine
FOX96775	150mm O Hole Velcro Disc	Medium
FOX96780	150mm O Hole Velcro Disc	Coarse

FOX96930 150mm Conversion Kit (PSA glue backed to Velcro)



ABRASIVE BELTS - 2 PER PACK

- Display packed for easy identification of size and grit
- Extensive range of sizes to fit all portable sanding machines
- Cloth backed product with optimum stretching resistance
- For fast preparation of large surfaces

Code	Size	Grit
FOX96000	13 x 455mm	Fine
FOX96005	13 x 455mm	Medium
FOX96010	13 x 455mm	Coarse
FOX96050	60 x 400mm	Fine
FOX96055	60 x 400mm	Medium
FOX96060	60 x 400mm	Coarse
FOX96080	65 x 410mm	Fine
FOX96085	65 x 410mm	Medium
FOX96090	65 x 410mm	Coarse
FOX96110	75 x 457mm	Fine
FOX96115	75 x 457mm	Medium
FOX96120	75 x 457mm	Coarse
FOX96150	75 x 480mm	Fine
FOX96155	75 x 480mm	Medium
FOX96160	75 x 480mm	Coarse
FOX96180	75 x 510mm	Fine
FOX96185	75 x 510mm	Medium
FOX96190	75 x 510mm	Coarse
FOX96220	75 x 530mm	Fine
FOX96225	75 x 530mm	Medium

Code	Size	Grit
FOX96230	75 x 530mm	Coarse
FOX96250	75 x 610mm	Fine
FOX96255	75 x 610mm	Medium
FOX96260	75 x 610mm	Coarse
FOX96280	100 x 530mm	Fine
FOX96285	100 x 530mm	Medium
FOX96290	100 x 530mm	Coarse
FOX96310	100 x 560mm	Fine
FOX96315	100 x 560mm	Medium
FOX96320	100 x 560mm	Coarse
FOX96350	100 x 610mm	Fine
FOX96355	100 x 610mm	Medium
FOX96360	100 x 610mm	Coarse
FOX96380	100 x 620mm	Fine
FOX96385	100 x 620mm	Medium
FOX96390	100 x 620mm	Coarse
FOX96450	110 x 620mm	Fine
FOX96455	110 x 620mm	Medium
FOX96460	110 x 620mm	Coarse



SANDING SHEETS - EMERY CLOTH

- Extremely tough & durable cloth backed product coated with Aluminium Oxide grain which is highly flexible and for use in the metal working industry


NON-FERROUS METALS


STEEL


STAINLESS

Code	Size	Grit	Qty/Pack
FOX92700	230mm x 280mm	Fine	50
FOX92705	230mm x 280mm	Medium	50
FOX92710	230mm x 280mm	Coarse	50







SANDING SHEETS - CABINET PAPER

- Paper backed product coated with Aluminium Oxide grain for sanding of all wooden products. Offered in a range of grits from very coarse (P40) to very fine (P240) for all applications of stock removal and finishes
- The sharp, quality grain offers a fast cutting action & long life


WOOD



PROFESSIONAL RANGE

Code	Size	Grit	Qty/Pack
FOX92600	230mm x 280mm	P40	50
FOX92605	230mm x 280mm	P60	50
FOX92610	230mm x 280mm	P80	50
FOX92615	230mm x 280mm	P100	50
FOX92620	230mm x 280mm	P120	50
FOX92625	230mm x 280mm	P150	50
FOX92630	230mm x 280mm	P180	50
FOX92635	230mm x 280mm	P220	50



STANDARD RANGE

Code	Size	Grit	Qty/Pack
FOX92650	230mm x 280mm	P40	50
FOX92652	230mm x 280mm	P60	50
FOX92654	230mm x 280mm	P80	50
FOX92656	230mm x 280mm	P100	50
FOX92658	230mm x 280mm	P120	50
FOX92660	230mm x 280mm	P150	50
FOX92662	230mm x 280mm	P180	50
FOX92664	230mm x 280mm	P220	50





fox abrasives

SANDING SHEETS - WATER PAPER

- Latex Paper (waterproof) backed product coated with a Silicon Carbide grain for fast cutting & superior finishes in the car repair sector. Suitable for sanding flaky paint, varnish, perspex & plastics


PAINT


PLASTICS







PROFESSIONAL RANGE

Code	Size	Grit	Qty/Pack
FOX92900	230mm x 280mm	P60	50
FOX92905	230mm x 280mm	P80	50
FOX92910	230mm x 280mm	P100	50
FOX92915	230mm x 280mm	P120	50
FOX92930	230mm x 280mm	P150	50
FOX92935	230mm x 280mm	P180	50
FOX92940	230mm x 280mm	P220	50
FOX92945	230mm x 280mm	P320	50
FOX92950	230mm x 280mm	P360	50
FOX92955	230mm x 280mm	P400	50
FOX92960	230mm x 280mm	P600	50
FOX92965	230mm x 280mm	P800	50
FOX92970	230mm x 280mm	P1000	50
FOX92975	230mm x 280mm	P1200	50
FOX92980	230mm x 140mm	P1500	50
FOX92985	230mm x 140mm	P2000	50

STANDARD RANGE

Code	Size	Grit	Qty/Pack
FOX93300	230mm x 280mm	P80	50
FOX93305	230mm x 280mm	P100	50
FOX93310	230mm x 280mm	P120	50
FOX93315	230mm x 280mm	P150	50
FOX93320	230mm x 280mm	P180	50
FOX93325	230mm x 280mm	P220	50
FOX93330	230mm x 280mm	P320	50
FOX93335	230mm x 280mm	P360	50
FOX93340	230mm x 280mm	P400	50
FOX93345	230mm x 280mm	P600	50
FOX93350	230mm x 280mm	P800	50
FOX93355	230mm x 280mm	P1000	50
FOX93360	230mm x 280mm	P1200	50






STEEL


STAINLESS


NON-FERROUS METALS


PLASTICS


WOOD

ECONOMY ROLLS

- Manufactured using a tough, durable & highly flexible cloth backing coated with Aluminium Oxide grain. May be used on all materials especially steel

Code	Product Description	Grit
FOX91890	50mm x 50 Metre Economy Roll	P40
FOX91895	50mm x 50 Metre Economy Roll	P60
FOX91900	50mm x 50 Metre Economy Roll	P80
FOX91905	50mm x 50 Metre Economy Roll	P100
FOX91910	50mm x 50 Metre Economy Roll	P120
FOX91915	50mm x 50 Metre Economy Roll	P150
FOX91920	50mm x 50 Metre Economy Roll	P180
FOX91925	50mm x 50 Metre Economy Roll	P240
FOX91840	50mm x 50 Metre Economy Roll Prof.	P40
FOX91845	50mm x 50 Metre Economy Roll Prof.	P60
FOX91850	50mm x 50 Metre Economy Roll Prof.	P80
FOX91855	50mm x 50 Metre Economy Roll Prof.	P100
FOX91860	50mm x 50 Metre Economy Roll Prof.	P120
FOX91865	50mm x 50 Metre Economy Roll Prof.	P150
FOX91870	50mm x 50 Metre Economy Roll Prof.	P180
FOX91875	50mm x 50 Metre Economy Roll Prof.	P240



PRODUCTION PAPER ROLLS

- Manufactured using a heavy duty paper backing for use on a body file whilst sanding fillers in the repairing of motor vehicle bodies

Code	Product Description	Grit
FOX92400	70mm x 50 Metre Production Paper Roll	P36
FOX92405	70mm x 50 Metre Production Paper Roll	P60
FOX92410	70mm x 50 Metre Production Paper Roll	P80
FOX92430	Production Paper Holder/Body File	-


Production Paper Holder FOX92430

FLOOR PAPER

- Manufactured using a very heavy duty paper backing and supplied in both 1 metre & 50 metre lengths
- For use in all general purpose heavy duty cleaning or sanding of walls, plaster or floors

Code	Product Description	Grit
FOX92150	300mm x 1 Metre Floor Paper Strip	P40
FOX92155	300mm x 1 Metre Floor Paper Strip	P60
FOX92160	300mm x 1 Metre Floor Paper Strip	P80
FOX92165	300mm x 1 Metre Floor Paper Strip	P100
FOX92170	300mm x 50 Metre Floor Paper Roll	P40
FOX92175	300mm x 50 Metre Floor Paper Roll	P60
FOX92180	300mm x 50 Metre Floor Paper Roll	P80
FOX92186	300mm x 50 Metre Floor Paper Roll	P100



FLAP WHEELS

- Aluminium Oxide coated Cloth flaps mounted on a wheel for use on both steel & wood products
- May be used for general stock removal or achieving high finishes/polishing


STEEL


WOOD

Code	Size	Grit
FOX91965	165 x 25mm	P60
FOX91970	165 x 25mm	P80
FOX91975	165 x 25mm	P120
FOX92010	165 x 50mm	P80
FOX92015	165 x 50mm	P100



FLAP WHEELS - SPINDLE MOUNTED

- Aluminium Oxide coated cloth flaps for cleaning or polishing of all metal or wood products


STEEL


WOOD

Code	Size	Grit
FOX92040	30 x 10mm	P60
FOX92042	30 x 10mm	P80
FOX92044	30 x 10mm	P150
FOX92050	40 x 20mm	P60
FOX92052	40 x 20mm	P80
FOX92054	40 x 20mm	P150
FOX92060	50 x 30mm	P60
FOX92062	50 x 30mm	P80
FOX92064	50 x 30mm	P150
FOX92070	60 x 40mm	P60
FOX92072	60 x 40mm	P80
FOX92074	60 x 40mm	P150
FOX92080	80 x 50mm	P60
FOX92082	80 x 50mm	P80
FOX92084	80 x 50mm	P150



CLEANING AND STRIPPING WHEELS (Sold Loose)

- Clean & Strip wheel for removing paint & cleaning
- Easy access into grooves and corners

Code	Size	Grit
FOX92090	100mm Ø on 6mm spindle	Medium
FOX92092	150mm Ø on 6mm spindle	Medium





ORBITAL SANDER SHEETS - 3 PER PACK

- For use with hand held power tools or free-hand sanding
- Specially designed for wood sanding

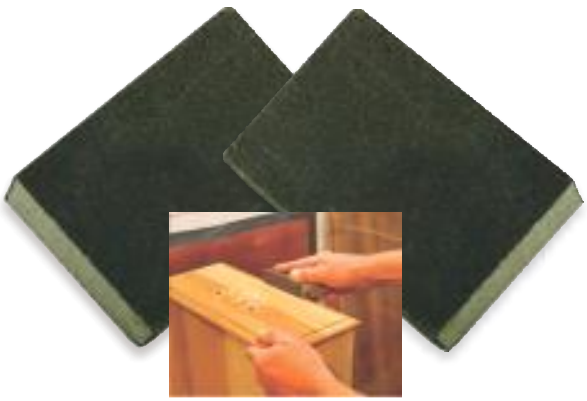
Code	Size	Grit
FOX97000	95 x 230mm	Fine
FOX97005	95 x 230mm	Medium
FOX97010	95 x 230mm	Coarse
FOX97030	115 x 280mm	Fine
FOX97035	115 x 280mm	Medium
FOX97040	115 x 280mm	Coarse



ABRASIVE SPONGE BLOCKS - SOLD PER 40

- Hand sanding block coated on 4-sides
- For easy access in sanding grooves or corners

Code	Product Description	Grit
FOX93600	Sponge Pad	Medium
FOX93605	Sponge Pad	Fine
FOX93610	Sponge Pad	Very Fine
FOX93603	Sponge Block	Medium
FOX93607	Sponge Block	Fine
FOX93615	Sponge Block	Coarse



MIRLON ROLLS & PADS

- Mirlon is a flexible 3-dimensional fibre sanding material
- Provides an excellent surface finish
- Easy to use on profiled surfaces
- Green for general purpose use & Maroon for very fine finishes

Code	Product Description	Grit
FOX92500	Per 40 - Mirlon Pad 140 x 230mm	Fine (Green)
FOX92505	Per 40 - Mirlon Pad 140 x 230mm	Very Fine (Maroon)
FOX92515	Per Roll - Mirlon Roll 140 x 10 Metre	Fine (Green)
FOX92520	Per Roll - Mirlon Roll 140 x 10 Metre	Very Fine (Maroon)





RUBBER SANDING BLOCK

- A soft, flexible rubber sanding block that is easy to handle and conformable



Code	Size
MTS3985	125 x 68 mm

RUBBER SANDING BLOCK

- This high quality sanding block made from tough, pliable genuine rubber is manufactured to strict quality controls
- 100% flat guaranteed
- Holds sandpaper securely



Code	Weight
RIC2910	360g

PLASTIC SANDING BLOCK

- A plastic sanding block with strong, spring paper grips



Code	Size
MTS3983	160 x 85 mm

BACKING PADS

- Professional high quality backing pad for both sanding & polishing applications



Code	Type/Size
HTC937825L	Nylon 115mm 14 x 2 (L)
HTC937825Z	Rubber PDP 115mm
HTC953247L	Nylon 180mm 14 x 2 (L)
HTC953247Z	Rubber SATP 180mm
HTC953248L	Nylon 230mm 14 x 2 (L)

5 PIECE MOUNTED STONE SET

- Standard corundum and guaranteed quality
- Aluminium oxide for grinding, polishing and burnishing
- 5 assorted shapes including tree, cone, long cone, ball and cylindrical



Code	Size
RIC3980	5 Piece

KLINGSPOR BUSH REDUCERS

- Used on grinding wheels to reduce bore sizes



Code	Size
KLN4000	31,75 to 12,7mm
KLN4005	31,75 to 15,88mm
KLN4010	31,75 to 25,4mm

GROZ GRINDING WHEEL DRESSER

tools to trust

- This range of wheel dressers is designed for dressing, truing, sharpening and removing glaze from solid abrasive wheels
- The body is appropriately heat treated and tempered and has an attractive black powder coated finish
- The cast iron handle is ergonomically designed for a comfortable grip
- Heavy duty cutters have star shaped teeth that expose new grains and provide a fresh unloaded surface on the wheels



Code	Size
GRO6800	No. 0
GRO6805	No. 1
GRO6810	No. 2

Spare Cutters

Code	Size
GRO6815	No. 0
GRO6820	No. 1
GRO6825	No. 2

Adhesives, Sealants, Paints & Cleaning



Adhesives, Sealants, Paints & Cleaning

A comprehensive range of top quality, branded products. Sealants, adhesives, lubricants, specialised treatments, spray paints, sealers, cleaners, car care and pool care solutions.



38-40

Sealant



41

Filler



41-45

Adhesive


45-46

2 Part Putty



46

Super Glue


47

Nut Lock


47-51

Tape



51

Putty



51-52

Gasket Maker



52-54

Penetrating Spray



54-55

Grease


55

Aerosol Lubricant


56

Fibreglass, Resin & Filler



56-57

Treatment Products


57-59

Spray Paint



59-61

Sealer/Treatment


61-63

Cleaning & Car Care Products



67

Hand Cleaner

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

WHITE SILICONE SEALANT



- Forms a permanent flexible bond when cured
- MTS silicone sealer resists mould
- Waterproof, hygienic and specially-formulated to create a strong, flexible seal
- MTS Universal Silicone sealant adheres perfectly to wood, coated aluminium, glass, painted surfaces, ceramic and decorative laminations

Code	Size	Colour
CMT1300	260ml	White

Product is not suited for painting over

CLEAR SILICONE SEALANT



- Forms a permanent flexible bond when cured
- MTS silicone sealer resists mould
- Waterproof, hygienic and specially-formulated to create a strong, flexible seal
- MTS Universal Silicone sealant adheres perfectly to wood, coated aluminium, glass, painted surfaces, ceramic and decorative laminations

Code	Size	Colour
CMT1250	260ml	Clear

Product is not suited for painting over

BATH SILICONE SEALANT



- Permanently flexible, fully waterproof WHITE silicone sealant for all sanitaryware
- Mould resistant

Code	Size	Colour
BST0041	280ml	White

Product is not suited for painting over

SHOWER SILICONE SEALANT



- Anti-mould formula
- The clear, permanently flexible and fully waterproof seal for specific use in and around shower cubicles
- Will adhere to metal, glass, ceramic tiles, painted surfaces and some plastics

Code	Size	Colour
BST0059	280ml	Clear

Product is not suited for painting over

HOME SILICONE SEALANT



- The clear, all-purpose, permanently flexible, completely waterproof and weatherproof sealant
- Will not shrink or crack
- Ideal for sealing joints, cracks and crevices
- Fixing leaky plumbing, mending ceramics and glass
- Mould resistant

Code	Size	Colour
BST0051	280ml	Clear

Product is not suited for painting over

MARINE SILICONE SEALANT



- The clear sealant for heavy duty marine work
- Completely waterproof and weatherproof
- Permanently flexible
- For watertight sealing of seams, joints, cracks and crevices
- Waterproofing aquariums as it does not contain a fungicide

Code	Size	Colour
BST0056	280ml	Clear

Product is not suited for painting over

BLACK SILICONE SEALANT



- Forms a permanent flexible bond when cured
- MTS silicone sealer resists mould
- Waterproof, hygienic and specially-formulated to create a strong, flexible seal
- MTS Universal Silicone sealant adheres perfectly to wood, coated aluminium, glass, painted surfaces, ceramic and decorative laminations

Code	Size	Colour
CMT1200	260ml	Black

Product is not suited for painting over

GREY SILICONE SEALANT



- Forms a permanent flexible bond when cured
- MTS silicone sealer resists mould
- Waterproof, hygienic and specially-formulated to create a strong, flexible seal
- MTS Universal Silicone sealant adheres perfectly to wood, coated aluminium, glass, painted surfaces, ceramic and decorative laminations

Code	Size	Colour
CMT1270	260ml	Grey

Product is not suited for painting over

BRONZE SILICONE SEALANT



- Forms a permanent flexible bond when cured
- MTS silicone sealer resists mould
- Waterproof, hygienic and specially-formulated to create a strong, flexible seal
- MTS Universal Silicone sealant adheres perfectly to wood, coated aluminium, glass, painted surfaces, ceramic and decorative laminations

Code	Size	Colour
CMT1220	260ml	Bronze

Product is not suited for painting over

CAR SILICONE SEALANT



- Flexible, fully waterproof BLACK silicone sealant for vehicles
- Ideal for leaking windows, joints, water-hoses and general automotive use

Code	Size	Colour
BST0046	280ml	Black

Product is not suited for painting over

POWER MASTIC SEALANT



- An oil-based mastic for sealing around windows and doors
- Also used for sealing gutters, roofing screws etc

Code	Size	Colour
BST0084	310ml	White

Product is not suited for painting over

FLEXISEAL - ACRYLIC SEALANT



- It also has excellent adhesive properties and is very elastomeric when set
- Being acrylic based, it can be washed off with water before it polymerizes and this facilitates the rectification of application errors or messy jobs. It can be smoothed with a wet finger or putty spatula
- Lastly, once set it can be painted
- Repair cracks, use as a sealant and as a tile adhesive

Code	Size	Colour
PRT0010	400g	White

Acrylic Sealant is flexible and can be painted over

BATH SILICONE SEALANT

- Permanently flexible, fully waterproof WHITE silicone sealant for all sanitary ware
- Mould resistant



Code	Size	Colour
MTS0500	90ml	White

Product is not suited for painting over

BATH SILICONE SEALANT

- Permanently flexible, fully waterproof WHITE silicone sealant for all sanitary ware
- Mould resistant



Code	Size	Colour
BST0040	90ml	White

Product is not suited for painting over

HOME SILICONE SEALANT

- The clear, all-purpose, permanently flexible, completely waterproof and weatherproof sealant
- Fixing leaky plumbing, mending ceramics and glass
- Mould resistant



Code	Size	Colour
MTS0504	90ml	Clear

Product is not suited for painting over

HOME SILICONE SEALANT

- The clear, all-purpose, permanently flexible, completely waterproof and weatherproof sealant
- Fixing leaky plumbing, mending ceramics and glass
- Mould resistant



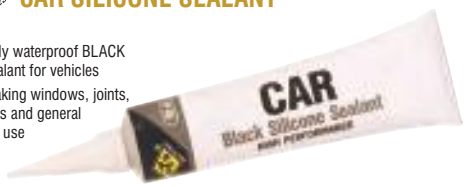
Code	Size	Colour
BST0050	90ml	Clear

Product is not suited for painting over

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

CAR SILICONE SEALANT

- Flexible, fully waterproof BLACK silicone sealant for vehicles
- Ideal for leaking windows, joints, water-hoses and general automotive use



Code	Size	Colour
MTS0502	90ml	Black

Product is not suited for painting over

CAR SILICONE SEALANT

- Flexible, fully waterproof BLACK silicone sealant for vehicles
- Ideal for leaking windows, joints, water-hoses and general automotive use



Code	Size	Colour
BST0045	90ml	Black

Product is not suited for painting over

MARINE SILICONE SEALANT

- For watertight sealing of seams, joints, cracks and crevices
- Waterproofing aquariums as it does not contain a fungicide
- The clear sealant for heavy duty marine work
- Completely waterproof and weatherproof
- Permanently flexible



Code	Size	Colour
MTS0506	90ml	White

Product is not suited for painting over

MARINE SILICONE SEALANT

- The clear sealant for heavy duty marine work
- Completely waterproof and weatherproof
- Permanently flexible
- For watertight sealing of seams, joints, cracks and crevices
- Ideal for waterproofing aquariums as it does not contain a fungicide



Code	Size	Colour
BST0055	90ml	Clear

Product is not suited for painting over

SHOWER SILICONE SEALANT

- Anti-mould formula
- The clear, permanently flexible and fully waterproof seal for specific use in and around shower cubicles
- Will adhere to metal, glass, ceramic tiles, painted surfaces and some plastics



Code	Size	Colour
MTS0508	90ml	Clear

Product is not suited for painting over

SHOWER SILICONE SEALANT

- Anti-mould formula
- The clear, permanently flexible and fully waterproof seal for specific use in and around shower cubicles
- Will adhere to metal, glass, ceramic tiles, painted surfaces and some plastics



Code	Size	Colour
BST0058	90ml	Clear

Product is not suited for painting over

MIRROR SILICONE ADHESIVE

- Clear silicone adhesive, neutral curing, acid free
- Flexible permanent bond for mirrors to painted surfaces
- Will not de-silver or discolour mirrors
- Heat and stain resistant - ideal for bathrooms
- Is also an excellent adhesive for all metals



Code	Size	Colour
BST0065	90ml	Clear

ACRYLIC SEALANT

- MTS Acrylic Sealant is ideal for filling connection joints which are exposed to minor stresses indoors and outdoors
- Acrylic Sealants special formulation is ideal for stairs, internal and external windows, doors and shutters



Code	Size	Colour
CMT1000	260ml	White

Acrylic Sealant is flexible and can be painted over

FLEXISEAL - ACRYLIC SEALANT

- It also has excellent adhesive properties and is very elastomeric when set
- Being acrylic based, it can be washed off with water before it polymerizes and this facilitates the rectification of application errors or messy jobs. It can be smoothed with a wet finger or putty spatula
- Lastly, once set it can be painted
- Repair cracks, use as a sealant and as a tile adhesive



Code	Size	Colour
PRT0005	125g	White

Acrylic Sealant is flexible and can be painted over

WOOD SEALANT

- A synthetic siliconised sealant with good adherence to most surfaces
- Ideal for fitting kitchen cupboards, mounting panels, finishing floorboards etc
- **Can be varnished and overpainted**

Code	Size	Colour
ALC5050	300ml	Beech
ALC5060	300ml	Cherry
ALC5070	300ml	Imbuia
ALC5080	300ml	Meranti
ALC5090	300ml	Oak
ALC0520	150ml	Pine
ALC5100	300ml	Pine



FILLER FOAM

- A PU filler foam suitable for filling, sealing and insulating
- This is a long lasting, 100%CFC free polyurethane based foam filler
- Used for building and construction applications, it cures by reacting with moisture from the air and the substrate
- Cured foam can only be removed mechanically

Code	Size
CMT1050	500ml
CMT1060	750ml



ANCHORING & PATCHING CEMENT

- A rapid setting cement for filling deep cracks and holes and for general repair work
- Sets within 15 minutes

Code	Size
ALC4000	500g
ALC4005	2kg



INTERIOR CRACK FILLER

- A gypsum based filler for repairing cracks in plastered walls, wood
- Also used for skimming material to give a smooth, even finish

Code	Size
ALC0980	500g
ALC0990	2kg



EXTERIOR CRACK FILLER

- A cement based filler for repairing cracks in plastered walls and floors exposed to the weather

Code	Size
ALC0950	500g
ALC0960	2kg



BRUMMER WOOD FILLER

- This is an all purpose wood filler which sets firmly to bare wood, nail heads, screws ,glass ,fibreglass, iron and plaster
- The product is reasonably flexible and will accommodate normal expansion and contraction of wooden surfaces
- The product remains pliable until applied
- It is ideal for cabinetmakers, joiners and all woodworkers

Code	Size	Colour
BRU0900	250g	Birch
BRU0910	250g	Black Cherry
BRU0960	250g	Dark Brown
BRU0970	250g	Dark Oak
BRU0974	250g	Imbuia
BRU0977	250g	Kiaat
BRU0980	250g	Light Mahogany
BRU1000	250g	Light Oak

Code	Size	Colour
BRU1005	250g	Memphis Cherry
BRU1010	250g	Meranti
BRU1015	250g	Oregon Pine
BRU1020	250g	Natural Pine
BRU1023	250g	Royale Cherry
BRU1025	250g	Sapele
BRU1030	250g	Teak
BRU1040	250g	White



- Shelf-life indefinite
- Contents can be revitalised by placing container in a bowl of hot water, adding hot water to the contents and stirring to obtain the required consistency
- Although stopping is for interior use, it can be used as an exterior filler if coated with a suitable sealer
- APPLICATION
- For interior use
- Apply with a spatula
- Deep cracks should be filled in layers with each layer drying before the next one is applied
- Because it is water based, BRUMMER WOODFILLER is non-flammable
- It contains no toxic or harmful ingredients
- After use, hands and tools can be cleaned by simply rinsing in water

CONTACT ADHESIVE

- Will not bond certain plastics e.g. Polyethylene, styrene, propylene
- The ultimate high performance adhesive
- Joins most surfaces instantly and permanently
- Water and heat resistant to 60º

Code	Size
MTS0300	50ml
MTS0305	100ml
MTS0310	250ml
MTS0315	500ml
MTS0320	1 litre
MTS0325	2 litre
MTS0330	5 litre



CONTACT ADHESIVE

- Super contact is an extra strong, ultra high performance adhesive
- Joins most surfaces instantly and permanently without clamping or substantial pressure
- Is waterproof and heat resistant (50°-60)
- Bonds resin laminates, plastics, woods, hardboard, rubber, leather canvas, most textiles (not nylon)

Code	Size
BST0010	50ml
BST0015	200ml



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

Genkem CONTACT ADHESIVE

- Environmentally and user friendly
- Perfect for bonding the following material in any combination
- Rubber, leather, metal, most plastics, cork, laminates, textiles, floor coverings, wood, painted surfaces and many more

Code	Size
GEM0200	50ml
GEM0205	100ml
GEM0210	250ml
GEM0215	500ml
GEM0220	1 litre
GEM0225	2 litre
GEM0230	5 litre



Genkem CONTACT ADHESIVE SPRAY

- Contact Spray Adhesive is a light coloured, almost transparent sprayable, synthetic adhesive in aerosol for bonding foam-plastic polyether foams, polystyrene foam, paper, photographs, reproductions, metal foils, glass, wool, cardboard, felt, textile, cork, carpet tiles, etc. to themselves and to wood, board, chipboard, concrete, metals
- Ozone friendly – no CFC's

Code	Size
GEM0100	500ml



Poli-o-bond CONTACT ADHESIVE

- An all-purpose household contact adhesive which bonds most materials together
- It is reliable
- Some joints have been known to last up to 15 years
- It is odourless when dry and the joints are extremely durable and flexible
- It can be washed and painted over
- The product has an almost endless shelf life
- Avoid contact with car finishes or varnished and polished surfaces

Code	Size
GLM0500	50ml
GLM0505	100ml
GLM0520	500ml



Bostik SHOE REPAIR

- Shoe repair adhesive is a waterproof polyurethane adhesive
- It is a long lasting and strong bond for leather and DIY shoe repairs
- It is excellent for bonding vinyl (swimming pools), PVC materials and rubber

Code	Size
BST0064	25ml



Bostik CLEAR ADHESIVE

- The all purpose household adhesive, which is clear, strong and quick drying
- Excellent for use in the home, office and school
- It provides good adhesion to cardboard, leather, glass etc
- Acid free

Code	Size
BST0005	25ml
BST0008	50ml



Genkem CLEAR ADHESIVE

- Genkem Clear Adhesive is an all purpose household Adhesive which dries quickly to an almost invisible glue line
- Excellent for bonding leather ,felt ,foam, rubber, paper, wood ,metal and ceramics
- Ideal for handcrafts, school projects, decorative work and DIY tasks as it does not wrap paper

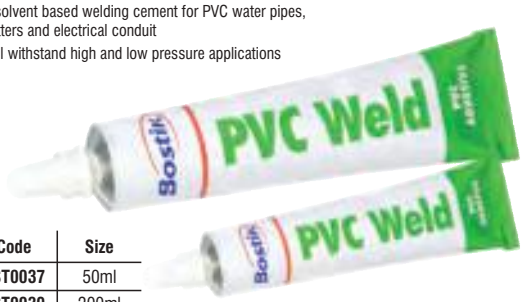
Code	Size
GEM0070	25ml



Bostik PVC WELD

- A solvent based welding cement for PVC water pipes, gutters and electrical conduit
- Will withstand high and low pressure applications

Code	Size
BST0037	50ml
BST0039	200ml



MTS POWER PRODUCTS PVC GLUE

- Adhesives for PVC conduit and PVC fittings
- Clean and dry surfaces to be glued
- Apply glue evenly to both surfaces and join whilst glue is still wet

Code	Size
ELE2880	200ml



POLYSTYRENE FOAM ADHESIVE

- Polystyrene Adhesive can be used to bond polystyrene foam to itself and to almost all other clean and firm surfaces eg. metals, fibreglass, wood
- Has excellent bond strength, good heat resistance and high initial tack may be applied by brush or spray application



Code	Size
GEM0090	500ml

PVC WELD

- PVC Weld Cement Adhesive is a solvent-based, medium viscosity adhesive suitable for the joining of rigid PVC materials
- PVC Weld Cement complies with the requirements of BS 4346 - Part 3 (1982) joints and fittings, for use with unplastised PVC pressure pipes
- The adhesive is suitable for both pressure and non-pressure systems
- The dry adhesive film is considered to be non-hazardous and can be used in food and potable water applications



Code	Size
GEM0580	50ml
GEM0600	200ml

FLOORING ADHESIVE

- General Purpose Flooring Adhesive is a water-based, economical, acrylic adhesive with a long open time and aggressive grab
- It is clean and easy to work with and contains fungicide to combat spread of fungi in and under cushioned floor coverings
- Suitable for the laying onto well prepared surfaces, floor coverings such as needle punch carpets, foam and vinyl backed carpets, as well as for most types of carpet tiles and semi-flexible vinyl



Code	Size
GEM0245	1 litre

WALL PAPER ADHESIVE

- Wall paper adhesive is supplied in powder form
- Mixed with water, it forms a ready for use paste for fixing wall paper to walls



Code	Size
GEM0243	100g

CERAMIC TILE ADHESIVE

- Ceramic Tile Adhesive is a ready mixed, wall tile adhesive
- Used for thin-bed bonding of Ceramic wall tiles to dry interior walls



Code	Size
GEM0060	500ml

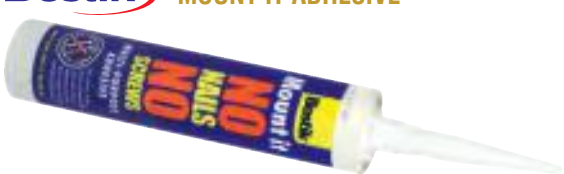
GLUE STICKS



Code	Size	Pack
MTS2415	8 x 100mm	12 pce
MTS2418	8 x 175mm	6 pce
MTS2420	12 x 175mm	6 pce
MTS2422	12 x 300mm	2kg
MTS2425	12 x 300mm	1kg

- High grade glue sticks for hot melt gluing of many different materials
- Ideal for affixing power and communication cables in difficult locations
- Suit 8mm & 12mm glue guns

MOUNT-IT ADHESIVE



- A high strength assembly adhesive for easy and invisible fixing of various objects without drilling, screwing and nailing
- Ideal for use on skirting boards, cornices, door and windowsills, cladding, electrical boxes, hooks, picture frames, bathroom accessories, etc
- Bonds stone and tiles to concrete bricks, plaster and wood

Code	Size	Colour
BST0070	300ml	Clear

Not suitable for use on polystyrene foam or mirrors

MOUNT-IT ADHESIVE

- No drilling, screwing and nailing
- Ideal for use on skirting boards, cornices, door and windowsills, cladding, electrical boxes, hooks, picture frames, bathroom accessories, etc
- Bonds stone and tiles to concrete, brick, plaster and wood

Not suitable for use on polystyrene foam or mirrors



Code	Size	Colour
BST0068	125ml	Clear

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

PERMOBOND

- A ready to use, high quality bonding, primer and keying agent
- Ideal for painting, tiling, screeding and plastering applications

Code	Size
ALC4010	1 litre
ALC4020	5 litre



COLD GLUE - WOOD GLUE

- The original PVA adhesive, which provides an excellent bond to a wide variety of surfaces such as hard and soft woods, processed board, cardboard, paper etc

Code	Size
ALC1200	125ml
ALC1210	250ml
ALC1220	500ml
ALC1230	1 litre
ALC1240	2.5 litre
ALC1250	5 litre



WOOD GLUE - COLD

- PVA adhesive, which provides an excellent bond to a wide variety of surfaces such as hard and soft woods, processed board, cardboard, paper etc
- Non toxic

Code	Size
MTS0350	125ml
MTS0352	250ml
MTS0354	500ml
MTS0356	1 litre
MTS0358	2 litre
MTS0360	5 litre



QUICK SET WOOD WELD

- Quickset Paper and Wood Glue is a Polyvinyl Acetate emulsion adhesive
- It is a high quality product producing reliable performance
- Designed mainly for use on hardwoods, but will also produce excellent results on softwoods and various composition boards
- The product should be used where quality of the finished product is the major consideration
- The dried adhesive will produce a clear glue line

Code	Size
GEM0300	100ml
GEM0305	200ml
GEM0310	500ml
GEM0315	1 litre
GEM0325	5 litre



ULTRA WOOD GLUE

- Ultra wood glue is an advanced water-based adhesive that has been designed with the woodworker in mind
- This waterproof formula is the first of its kind and provides superior bond strength, longer open assembly time and a shorter clamping time
- Perfect for interior and exterior woodworking applications on hard and soft woods

Code	Size
ALC1270	250ml
ALC1275	500ml



EZEEBOND

- A sophisticated ultra high performance toughened acrylic adhesive. It is ideal for bonding reasonably well mating surfaces as a replacement for spot welds and rivets
- It is also exceptional on most rigid plastics, fibreglass and aluminium
- Ezeebond is extremely reliable, can tolerate oily surfaces, malproportioning and fills minor gaps
- Rapid cure time
- Assemble sheet metal or aluminium
- Bond car rear view mirror
- Join fibreglass components on boats
- Bond towel rail to tile

Code	Size
PRT0002	20g



QUICKSET CLEAR EPOXY GLUE

- Supplied in a green pack
- Once set, it is clear and can therefore be used to repair items where colour is a problem
- It is a very versatile adhesive and is the sort of product which every family will find useful in the home
- It also differs from the white glue in that it is not thixotropic
- Repairs broken ornaments glass items

Code	Size
PRT0015	40ml



PRATLEY® QUICKSET WHITE EPOXY GLUE

- This product is supplied in a blue pack
- After mixing, it is thixotropic
- It has the consistency of soft butter and can fill large gaps where the repair requires both adhesive strength and a filler
- It has a high tensile adhesive strength
- Can be filed, sawn, drilled and tapped
- Repairs chipped basin or toilet, repairs white china or ornaments and can be used to affix ceramic tiles or ornaments to a wall



Code	Size
PRT0020	40ml

PRATLEY® STEEL QUICKSET

- Supplied in a black pack, this product is similar to Pratley White Glue, but its colour matches that of steel
- It can therefore be used on repairs where colour is important
- It is also designed to set more rigidly and thereby facilitate filing and sawing
- Repairing cracked castings
- Repairing leaks in metal pipes
- Bonding ceramics, slate or tiles



Code	Size
PRT0040	40ml

Bostik SUPER EPOXY

- Epoxy adhesive is a two part (two tubes) clear quick setting adhesive that is specially formulated to bond rigid materials
- It is waterproof, oil-resistant and non-flammable, and has good gap filling properties
- It is excellent for bonding metal, ceramics, crockery, stone, rubber, glass, cement and some plastics



Code	Size
BST0032	32ml

PRATLEY® WHITE WONDAFIX

- This product combines the two desirable properties of toughness (flexibility and impact resistance) with high adhesive strength
- It is best described as a"repair medium" rather than just an adhesive
- A very smooth surface can be obtained by mixing the adhesive and then placing some "Stretch wrap" plastic over the mixed adhesive
- The setting time can be substantially accelerated by the application of mild heat ± 50˚C
- Used to splice repair leather transmission belts, patch a tear or holes in canvas tents or deck chairs, cast new gland packings around pump shafts and any repair subject to shock



Code	Size
PRT0045	30ml

PRATLEY® CAR WONDAFIX - BLACK

- Specifically for car repairs
- Repair scuffed hoses, rubber or car bumper
- Repair damaged car air vent pipes and vacuum hoses
- Repair vinyl cloth car seats and side panel trim
- Fill rubber mouldings and flashings on cars
- Vibration mounts for heavy machine tools
- Fill cracked windshield rubber seals
- Repair cracked car dashboard
- Mend running shoes, boots, etc.



Code	Size
PRT0048	30ml

PRATLEY® 1-2-3 ACRYLIC

- This is a tough acrylic adhesive originally developed for the Aerospace industry
- It is excellent on aluminium but also sticks well to other materials
- It cannot fill gaps and therefore must be used on well mating non-absorbent surfaces only
- Used to bond fiberglass on metal, mend broken plastic toys (Not polyethylene), bond aluminium sheets or sections together, refix tumble dryer or refrigerator handle and bond rear view mirror to windscreen of car
- The name "1 - 2 - 3" is derived as follows
- 1 - Place a blob of resin on surface
- 2 - Dab some activator onto other surface
- 3 - Bring the surfaces together



Code	Size
PRT0050	15ml

PRATLEY® STANDARD PUTTY

- This product, supplied in a red pack, was the first of its kind in the world and was developed in our laboratory
- It is also the only South African manufactured product used by N.A.S.A. and now on the moon
- It is a hand mouldable epoxy putty which sets very hard (like stone)
- It is ideal for making handles, knobs and electrical insulator repairs as well as sealing or repairing almost any rigid material
- Car radiators, car sumps, farm tank leaks, pump linings and many more
- One novel use has been to repair sunken ships prior to re-floating them



Code	Size
PRT0035	125g

PRATLEY® WHITE QUICKSET PUTTY

- This product sets fast
- It will also set under water



Code	Size
PRT0030	125g

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

PRATLEY® STEEL PUTTY

- This product supplied in a steel grey pack, incorporates the very latest adhesive technology and cures at a medium speed
- It is a hand mouldable putty which sets like steel and looks like steel
- It mixes easily and leaves almost no residue on the hands
- It is exceptionally workable yet when set it is incredibly strong and can be filed, sawn and machined just like steel
- It also sets under water
- Cures at medium speed
- Used to repair motorcycle engine cases, rebuild and machine broken castings, repair metal parts under water and to repair radiator header tank



Code	Size
PRT0041	125g

Bostik PRESTIK

- The wonder product with 101 uses in the home, workshop, office or school
- Just press - and it sticks
- Use it for sticking up posters, calendars, charts, maps, Christmas cards
- For cleaning typewriter keys and fluff off clothing
- For holding light ornaments, vases and spare keys in place
- It can be used over and over again
- Solvent free. Non-toxic. Fully safe for children



Code	Weight	Colour
BST0038	100g	White

MTS SUPER GLUE

- Extra strong Cyanoacrylate adhesive for bonding rubber, metal, glass, plastics, ceramics and wood



Code	Size
HON0940	3g
HON0943	20g

MTS SUPER GLUE - ONE SHOT

- Extra strong Cyanoacrylate adhesive for bonding rubber, metal, glass, plastics, ceramics and wood
- Supplied in a convenient pack of 4 single use tubes



Code	Size
MTS0340	4 x 1g

Q-Bond Q-BOND SUPER GLUE

- Ultra strong adhesive
- Sets immediately



Code	Size
QBN0400	5ml

Bostik BLITS STICK/GEL

- Super quick, super strong, multi-purpose cyanoacrylate glue



Code	Size
BST0028	3g
BST0029	3g

Genkem SUPER GLUE/GEL

- Super Glue is a quick setting, clear cyanoacrylate adhesive which produces a very strong bond
- It is suitable for repairing china, models, jewellery, toys, bonding rubber, metal, plastics, ceramics in seconds
- Apply a drop of Super Glue to one of the surfaces only and press both surfaces together
- Not recommended for wood or glass



Code	Size	
GEM0285	3g	Glue
GEM0287	3g	Gel

Q-Bond Q-BOND GLUE KITS

- Quick bonding ultra strong adhesive
- For re-inforcing and filling
- Two types of filling powder - black, grey aluminium

Small kit contents:
1 Black powder
1 Grey powder
1 10ml glue
1 5ml glue

Large kit contents:
2 Black powders
1 Grey powder
6 10ml glues



Code	Size
QBN0200	Small
QBN0250	Large

PRATLEY® SUPER GLUE

- A multi-purpose superglue of the very highest quality
- Modified to meet the stringent requirements of industry
- The product displays superior adhesive strength and will form a bond in a few seconds
- Full strength will be reached in a few minutes



Code	Size
PRT0023	20g
PRT0025	3g

PRATLEY® PRATLOK H-TEMP

- Pratley "Grade H" is a high strength thread locker
- High viscosity
- Orange colour
- U.V. Fluorescent
- Used to lock threaded components at elevated temperatures
- Disassembly is difficult without heating above 300°C
- Certain surfaces may require Pratlock Activator to speed up the cure



Code	Size
PRT0012	50g

PRATLEY® NUTLOK

- Superior quality nut retainer in a small bottle
- For thread sizes from 6 - 10mm and 10 - 20mm



Code	Size	Grade
PRT0027	10g	6-10
PRT0029	50g	6-10
PRT0033	10g	10-20

PRATLEY® NUTLOK GRADE BRG

- Locks, retains and seals bearings



Code	Size
PRT0034	10g

PRATLEY® STUDLOK

- Pratley "Stud lock Grade 20" thread locker
- High strength, high viscosity
- Red colour
- U.V.Fluorescent
- Use typically on threads bigger than M20
- Ideal for flanged assemblies
- Is gap filling
- Disassembly is difficult with out heat



Code	Size	Grade
PRT0170	50g	20+

PRATLEY® STUDLOK

- Pratley "Stud lock Grade 10-20" thread locker
- High strength, high viscosity
- Red colour
- U.V.Fluorescent
- Use typically on threads M10-M20
- Use for stud bolts and threaded pipe fittings



Code	Size	Grade
PRT0275	50g	10-20

PERMA products MOUNTING STRIPS/TABS

- For mounting mirrors and other wall accessories to almost any wall surface
- Not affected by humidity
- Easy to apply to painted surfaces, wood, metal, plastic, glass, brick and plaster



Code	Size	Qty
PER2018	80 x 24 x 3mm	3 Strips
PER2020	80 x 20 x 1,2mm	4 Tabs
PER2021	20 x 10 x 1,2mm	32 Tabs

PERMA products DOUBLE SIDED MOUNTING TAPE

- For mounting mirrors and other wall accessories to almost any wall surface
- Not affected by humidity
- Easy to apply to painted surfaces, wood, metal, plastic, glass, brick and plaster



Code	Size
PER2016	2m x 12 x 1,2mm
PER2019	1m x 20 x 3mm
PER2022	1m x 24 x 1,2mm

PERMA products BULK BUY DOUBLE SIDED FOAM TAPE

- For mounting mirrors, pictures, numbers, nameplates and signs on a variety of surfaces



Code	Size
PER23010	10m x 24 x 3mm
PER23025	25m x 24 x 3mm

PERMA products DOUBLE SIDED SUPER STICK TAPE

- Easy to apply to almost any surface
- Industrial applications include:
  Fixing body and roof panels in the bus and truck industry
  Eliminates the use of rivets, screws and welding
  The preferred mounting tape in the signage industry
- No more drilling



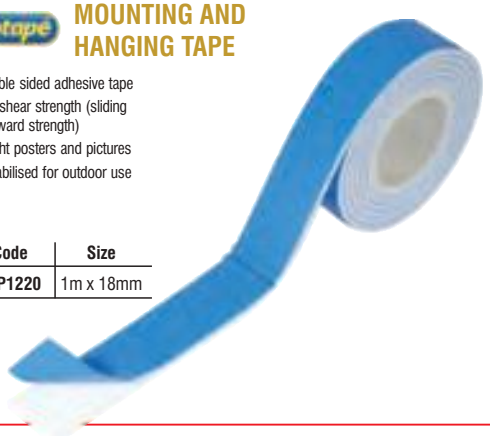
Code	Size
PER2023	1m x 18mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

MOUNTING AND HANGING TAPE

- A double sided adhesive tape
- Good shear strength (sliding downward strength)
- For light posters and pictures
- UV stabilised for outdoor use

Code	Size
EAP1220	1m x 18mm



KLINGSPOR DOUBLE SIDED TAPE

Abrasives Technology

- Double sided tape



Code	Size
KLN0630	30m x 24 x 3mm

AUTO TRIM REPAIR TAPE

- Used for mounting:
- Beading
- Badges
- Reflectors
- Rear view mirrors
- Alarm sensors
- UV stabilised for outdoor use

Code	Size
EAP1040	12mm x 3m X 0.8mm



ADHESIVE FASTENER - 327

- Ideal for fastening constantly used items in a strategic place
- Two part male and female fastener with adhesive backing



Code	Size
PER2327	2 pack

GLOSS DUCT TAPE

- Glossy finish
- Universal tape for:
  - Binding and repairing
  - Reinforcing and ducting
  - Waterproofing and insulation

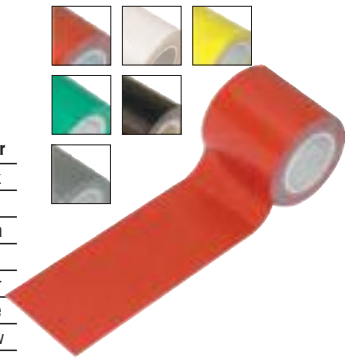
Code	Size	Colour
EAP0105	48mm x 25m	Blue
EAP0110	48mm x 25m	Green
EAP0120	48mm x 25m	Olive Drab
EAP0130	48mm x 25m	Silver
EAP0140	48mm x 25m	Yellow
EAP0160	48mm x 25m	Red
EAP0165	48mm x 25m	White
EAP0003	48mm x 25m	Black



MATT DUCT TAPE

- Glossy finish
- Universal tape for:
  - Binding and repairing
  - Reinforcing and ducting
  - Waterproofing and insulation

Code	Size	Colour
EAP1100	48mm x 5m	Black
EAP1110	48mm x 5m	Blue
EAP1120	48mm x 5m	Green
EAP1130	48mm x 5m	Red
EAP1140	48mm x 5m	Silver
EAP1150	48mm x 5m	White
EAP1160	48mm x 5m	Yellow



ALUMINIUM SELLO TAPE

- Repairing of air conditioners, ducting and ventilation
- Decorative design
- Gives an aluminium look

Code	Size
EAP2900	48mm x 50m



DIT - SIT

- DIT-SIT is a self-adhesive butyl sealing tape which is excellent for creating a watertight seal on almost any surface
- DIT-SIT seals pipes and hose-pipes, roofs, swimming pools, galvanised, buckets, baths and watering cans, tents tarpaulins, gum boots, boats and caravans, radiator pipes, sheds and kennels
- It will keep water in or out of practically anything
- It is waterproof and permanently tacky

Code	Size
BST0031	50mm x 2m



Sellotape ALL WEATHER TAPE

- A high quality repair tape
- See through when applied
- U.V Stabilised for long lasting weather resistance
- Easy to use and resists ageing



Code	Size
EAP1000	48mm x 5m

Sellotape REFLECTIVE TAPE

- Weather resistant
- Excellent adhesion and long lasting
- Illuminates when exposed to light
- Can be used as a safety tape
- Bypass dangerous objects in dark places



Code	Size	Colour
EAP1250	48mm x 1m	Red
EAP1260	48mm x 1m	Yellow

NITTO INSULATION TAPE

- Used in harness and electrical application plus for general purpose household tasks and for the D.I.Y market
- A high quality tape for electrical application



Code	Size	Colour
EAP2000	18mm x 20m	Black
EAP2010	18mm x 20m	Blue
EAP2020	18mm x 20m	Green
EAP2050	18mm x 20m	Red
EAP2070	18mm x 20m	White
EAP2100	18mm x 20m	Yellow

Sellotape FLAME RETARDANT INSULATION TAPE

- PVC tape, protects, waterproofs and insulates
- Used for electrical insulation
- Fire retardant
- Insulation of wiring in motor vehicles



Code	Size	Colour
EAP1800	18mm x 20m	Black
EAP1810	18mm x 20m	Blue
EAP1820	18mm x 20m	Green
EAP1830	18mm x 20m	Red
EAP1840	18mm x 20m	White
EAP1850	18mm x 20m	Yellow

Sellotape SELF FUSING TAPE

- Used for making watertight seals, waterproofing and joining of cables



Code	Size
EAP1400	18mm x 3m

Sellotape MASKING TAPE

- For masking off surfaces during brush or spray painting of all household surfaces
- Easy to handle and tear
- Can be written on with pencil or pen
- Conforms to uneven surfaces



Code	Size
EAP0035	12mm x 40m
EAP0040	18mm x 40m
EAP0045	24mm x 40m
EAP0050	36mm x 40m
EAP0055	48mm x 40m

Sellotape HIGH TEMP. (80°) MASKING TAPE

- Used for automotive spray painting
- With stand temperatures up to 80ºGeneral purpose masking tape for indoor usage
- Adheres well



Code	Size
EAP0410	18mm x 40m
EAP0420	24mm x 40m
EAP0430	36mm x 40m
EAP0440	48mm x 40m

Sellotape PAINTER'S BLUE MASKING TAPE

- Used for painting on glass, vinyl, wood and walls
- 14 day UV stable



Code	Size
EAP0056	24mm x 40m

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

DOUBLE SIDED RDA TAPE

- General purpose tape for mounting and framing
- Sticking of metal name tags



Code	Size
EAP2980	12mm x 33m
EAP2985	18mm x 33m
EAP2990	24mm x 33m

DOUBLE SIDED CARPET TAPE

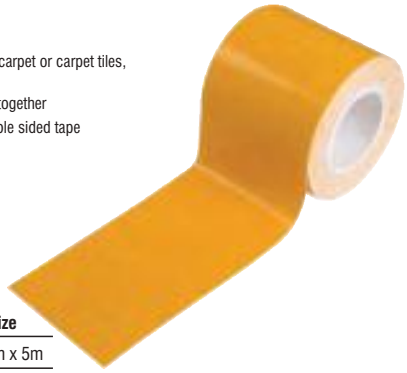
- Aggressive double sided tape
- Sticks carpets, carpet tiles and mats and tiles
- Holds most materials together



Code	Size
EAP3000	18mm x 30m
EAP3010	24mm x 30m

CARPET TAPE - DOUBLE SIDED

- Use for laying down carpet or carpet tiles, mats and rugs
- Hold most products together
- Very aggressive double sided tape



Code	Size
EAP1080	48mm x 5m

FLOOR MARKER TAPE

- Used for marking out floor areas



Code	Size
EAP3920	48mm x 33m

BARRIER TAPE 75mm

- Red & white diagonal strips for sealing off areas
- Highlight the hazard or feature in question.
- Suitable for indoor or protected outdoor use



Code	Size
EAP0058	100m
EAP0060	500m

GLASS SAFETY MARKER - 330

- Self sticking
- Adhesive is not affected by humidity
- Clearly marks sliding and fixed glass doors for safety



Code	Size
PER2330	1m

PACKAGING TAPE

- Buff tape is used mainly in packaging
- Suitable for carton sealing and bundling



Code	Size	Colour
EAP0070	48mm x 50m	Brown
EAP0080	48mm x 50m	Clear

TAPE DISPENSER

- Simple one hand operation
- Avoid tape wastage
- Sharp perforated blade cuts tape neatly
- Adjustable tensioner allows for accurate control
- Tough PVC construction



Code	Size
UNS1700	-

VINYL PVC TAPE

- Used for bag sealing and colour coding



Code	Size	Colour
EAP2920	12mm x 50m	Black
EAP2925	12mm x 50m	Blue
EAP2930	12mm x 50m	Green
EAP2935	12mm x 50m	Red
EAP2940	12mm x 50m	Yellow
EAP2945	12mm x 50m	White

FILAMENT TAPE

- Used for bundling and strapping



Code	Size
EAP2960	24mm x 40m
EAP2965	48mm x 40m

PIPE THREAD TAPE

- Used mainly by plumbers and fitters for sealing pipe threads



Code	Size
PTF0005	10mm

FIRE PROOF STOVE PUTTY

- A fire proof putty resistant to severe temperatures and cracking



Code	Size
ELC0700	800g

PUTTY - GENERAL PURPOSE

- All purpose putty for glazing and plumbing applications



Code	Size	Colour
UNS0375	500g	Natural

GASKET SEALANT

- Can be used with or without a gasket
- Use with sump and tappet cover gaskets, water pumps, exhaust connections, or any other mechanical joint
- It is not affected by petrol and oil, does not harden
- Withstands temperatures from -50° to 250°



Code	Size	Colour
CMT1600	280ml	Red

GASKET SEALANT

- Can be used with or without a gasket
- Use with sump and tappet cover gaskets, water pumps, exhaust connections, or any other mechanical joint
- It is not affected by petrol and oil, does not harden
- Withstands temperatures from -50° to 250°



Code	Size	Colour
MTS0510	90ml	Red
MTS0512	90ml	Grey
MTS0514	90ml	Black

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

Bostik GASKET MAKER

- Superior form-in-place BLACK gasket in a tube
- Replaces preformed gaskets
- Withstands temperatures from -60˚C to 300˚C
- Resists oil, petrol, transmission fluid, water and anti-freeze
- An ideal metal to metal adhesive which is neutral curing



Code	Size	Colour
BST0035	90ml	Black

TRITON-LEO GROUP OF COMPANIES GASKET JOINTING



- Can be used with or without a gasket
- This Rolls Royce approved product is a non-silicone gasket sealer
- Use it with sump and tappet cover gaskets, on water pumps, exhaust connections or any other mechanical joints
- It is not affected by petrol and oil, and does not harden
- Withstands temperatures from -50˚C to 250˚C

Code	Size	Colour
TRG0058	350g	Blue

TRITON-LEO GROUP OF COMPANIES GASKET JOINTING

- Can be used with or without a gasket
- This Rolls Royce approved product is a non-silicone gasket sealer
- Use it with sump and tappet cover gaskets, on water pumps, exhaust connections or any other mechanical joints
- It is not affected by petrol and oil, and does not harden
- Withstands temperatures from -50˚C to 250˚C



Code	Size	Colour
TRG0055	100g	Blue

SPANJAARD COPPER GASKET SEALER

- Available in aerosol only
- It is a non-hardening adhesive with a high copper content to promote heat transfer
- Use in place of adhesive-type products
- Allows gaskets to be re-used



Code	Size
SPN0245	400ml

SPANJAARD COPPER COMPOUND SPRAY

- A non-hardening adhesive gasket positioning and sealing spray containing colloidal copper
- Allows gaskets to be positioned before assembling with the copper acting as a filling agent, smoothing out the surface irregularities
- This allows the gasket to be tightened more evenly giving a leak proof seal
- The copper also acts as a heat conductor allowing heat to transfer from one surface to the other
- Allows gaskets to be re-used



Code	Size
SPN0200	400ml

SPANJAARD COPPER COMPOUND PASTE

- A non-hardening adhesive gasket positioning and sealing paste containing colloidal copper
- Allows gaskets to be positioned before assembling with the copper acting as a filling agent, smoothing out the surface irregularities
- The copper also acts as a heat conductor allowing heat to transfer from one surface to the other and allows gaskets to be re-used
- This allows the gasket to be tightened more evenly giving a leak proof seal



Code	Size
SPN0220	500g
SPN0222	5kg
SPN0240	100ml

SPANJAARD PENETRATING SPRAY

- A superior penetrating and releasing fluid with exceptional penetrating properties
- For all bolts and nuts, locks, hinges, etc
- Used in industrial and marine maintenance
- Available in flammable and non-flammable aerosols



Code	Size
SPN0500	200ml
SPN0520	350ml

SPANJAARD SPARK SPRAY

- A water displacing, rust preventative, lubricating and penetrating oil.
- It has fantastic penetrating properties, is non-conductive and has 1001 uses
- Solves condensation and moisture problems on all types of engines.
- Can be sprayed inside and outside the distributor, coil, leads, spark plugs, generator and starter motor
- Will displace all moisture
- Will release and free tight bolts, all nuts, rusty locks, door hinges and door handles, sticky carburetors, throttle linkages, knifes, blinds, curtain rail and all winding mechanisms
- Cleans and removes grease and tar
- Cleans and protects guns, fishing tackle, bicycles, typewriters, adding machines, toys, domestic appliances, swimming pool and garden equipment
- **SPN0615 IS NON-FLAMMABLE**



Code	Size
SPN0590	150ml
SPN0610	300ml
SPN0615	500g

TRITON-LEO GROUP OF COMPANIES Q10 PENETRATING FLUID

- A quick acting, penetrating, rust solvent and release agent for rusted or seized nuts, bolts, pipe fittings
- Why waste time, just apply Q10 and let it work for you

Code	Size
TRG0015	150g
TRG0020	400g
TRG0030	500ml
TRG0035	5 litre



TRITON-LEO GROUP OF COMPANIES Q5 GRAPHITE PENETRATING FLUID

- A graphite based quick acting penetrating and release agent for rusted nuts, bolts, pipes, fittings, etc. The graphite also works wonders on lubricating and loosening locks

Code	Size
TRG0040	150g



SPANJAARD PENETRATING & RELEASING FLUID

- A superior penetrating and releasing fluid with exceptional penetrating properties
- For all bolts and nuts, locks, hinges, etc
- Used in industrial and marine maintenance
- Available in flammable and non-flammable aerosols

Code	Size
SPN0410	375ml



SPANJAARD GRAPHITE SPRAY

- A dispersion of very fine particles of graphite in an air drying resin
- Provides lubrication when oils and greases cannot be used

Code	Size
SPN0307	400ml



TRITON-LEO GROUP OF COMPANIES Q IN ONE OIL

- A high-tech general purpose lubricant for all household and special industrial applications

Code	Size
TRG0095	100ml



TRITON-LEO GROUP OF COMPANIES Q8 SILICONE LUBRICANT

- A unique spray which repels moisture and waterproofs all surfaces, lubricants, switch gear and prevents arcing
- A non-staining lubricant for clips, hinges, rubber bushes and plastic fittings
- Inhibits corrosion and prevents "flash-over" in polluted atmospheres

Code	Size
TRG0110	150g
TRG0120	400g



SPANJAARD FISHING TACKLE PROTECTOR

- A superior Fishing Tackle Protector for all types of fishing tackle
- Will not damage Monofilament, EVA grips, rods seals etc.
- Leaves long-lasting, water displacing protective film on fishing tackle
- For best results, a light spray before and after use is recommended

Code	Size
SPN0283	200ml



TRITON-LEO GROUP OF COMPANIES Q20 MOISTURE REPELLENT

- The leading moisture repellent for protecting and removing moisture from wet ignition systems on cars, trucks, motorbikes, marine engines and electric motors
- It overcomes and prevents stubborn starting and stalling in damp climates and heavy downpours
- Its unique penetrating power makes it ideal as a release agent and light duty lubricant for use in the home, garage and workshop

Code	Size
TRG0005	150g
TRG0010	300g
TRG0013	5 litre



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SPANJAARD SILICONE SPRAY

- A very high quality silicone based lubricant spray for use on all rubber, plastic and wooden surfaces
- A very safe non-toxic, non-staining protective lubricant ideal for bumpers, tyres, exhaust bracket rubbers, vinyl tops and all other rubber components



Code	Size
SPN0550	200ml
SPN0570	400ml

SPANJAARD ANTI SCUFF SPRAY/PASTE

- An assembly lubricant containing molybdenum disulphide for application to moving parts such as bearings, gears, piston rings, valve stems, nuts, bolts, screws, valves and cocks
- Prevents scuffing or scoring as well as seizure of overloaded and overheated bearings
- Provides pre-lubrication and prevents rust and corrosion



Code	Size
SPN0045	350ml
SPN0046	700g

SPANJAARD NICKEL COMPOUND

- For use when the copper content of Copper Compound is undesirable
- Use Chrome Compound if neither copper nor nickel metals are desirable
- Meets MIL-A-907E



Code	Size
SPN0405	350ml
SPN0406	500g

SPANJAARD ADF - AIR DRYING FILM

- Leaves a completely dry, hard film which oven cures at 250˚C in 60 minutes or at ambient temperatures in 24 hours
- For dry lubrication in dusty conditions
- Also used as a protective coating resistant to nearly all alkali and acids (including concentrated Nitric acid)
- ADF 709 version complies with MIL-L-8937D



Code	Size
SPN0330	400g

SPANJAARD 2X LONGLIFE GREASE

- A special new generation multi-purpose grease giving extra long life at low and high temperatures or high speeds, medium loads and wet conditions



Code	Size
SPN0301	100g

SPANJAARD MULTI PURPOSE GREASE

- A bentone-based anti-friction grease with no drop point
- Containing a high percentage of Mo2
- Not to be confused with standard run-of-the-mill multi-purpose greases
- Operating temperature range -20˚C to 160˚C, with intermittent temperatures of up to 200˚C.
- Available in Standard and 1646 Versions



Code	Size
SPN0302	500g

SPANJAARD NON-MELTING GREASE

- A bentone-based anti-friction grease with no drop point
- Containing a high percentage of Mo2
- Not to be confused with standard run-of-the-mill multi-purpose greases
- Operating temperature range -20˚C to 160˚C, with intermittent temperatures of up to 200˚C.
- Available in Standard and 1646 Versions



Code	Size
SPN0303	100g

SPANJAARD GREASE LIQUID SPRAY

- Contains MoS and other EP additives giving minimum fling-off and high water resistance
- Penetrates like oil and lubricates like grease
- Suitable for use on standard and "O"-type chains
- Use Chain & Linkage Spray when non-black product is required



Code	Size
SPN0304	400ml

SPANJAARD HTS SILICONE GREASE

- For anti-friction bearings
- Stopcock lubricant for "O" rings and lip seals
- Ideal as a rubber lubricant and on equipment operation under vacuum
- Highly resistant to chemicals and water
- Operating temperature range -40˚C to 200˚C



Code	Size
SPN0306	500g

SPANJAARD SILICONE PASTE

- A non-staining silicone based white lubricant
- For use on all rubber components, O rings, brake parts, door and wood rubbers
- Also suitable for fridge door and freezer door rubber seals, electrically non-conductive



Code	Size
SPN0407	100g

SPANJAARD MULTI PURPOSE GREASE

- New generation multi-purpose grease
- Extra long life and low and high temperatures, or high speeds, medium loads and wet conditions



Code	Size
SPN0309	500g

SPANJAARD CHAIN & LINKAGE SPRAY

- A lubricant containing a soluble form of molybdenum which penetrates like oil, lubricates like grease and does not stain
- For use on all chains, linkages and cables. It is not subject to fling off and remains on working surfaces to give a long-lasting lubrication under the most demanding conditions
- Its dry nature prevents excessive dust build-up



Code	Size
SPN0164	200ml
SPN0165	400ml

SPANJAARD BICYCLE CHAIN & LINKAGE SPRAY

- A lubricant containing a soluble form of molybdenum which penetrates like oil, lubricates like grease and does not stain
- For use of all chains, linkages and cables
- It is not subject to fling off and remains on working surfaces to give a long-lasting lubrication under the most demanding conditions
- Its dry nature prevents excessive dust build-up



Code	Size
SPN0101	200ml

SPANJAARD OPEN GEAR & WIRE ROPE SPRAY

- Available in aerosol only
- Can be sprayed through safety guards onto moving gears and wire ropes
- An excellent maintenance product for lift ropes, guides and marine applications



Code	Size
SPN0285	350ml

SPANJAARD BELT DRESSING SPRAY

- A sophisticated dressing for use on every type of flat, vee and conveyor belts
- Will prevent slippage and extends useful belt life
- Not harmful to rubber, leather or canvas
- Eliminates that irritating belt squeal



Code	Size
SPN0100	400ml

SPANJAARD T CUTTING COMPOUND & FLUID

- Specialised products for tapping, reaming, drilling and thread cutting of all metals including stainless steel and aluminium



Code	Size
SPN0700	500g
SPN0750	350ml
SPN0770	375ml

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

Bostik SOUND DEADENING PAD

- Will reduce annoying drumming and also vibration noises on car's doors, panels, boot lids, bonnet lids, vans, boats, caravans, sink units, washing machines, spin driers, metal garage doors - wherever metal vibration is a problem
- Self-adhesive



Code	Size
BST0075	530 X 190mm

SPRAYON BAKKIE BACK - BRUSHABLE

- A flexible, rubberised polyurethane protective coating, specially formulated to protect the load areas of Bakkies and other hard wearing surfaces requiring non-slip resistance
- Easy to apply, tough, attractive, texture appearance - Irreversible cure will not soften when exposed to petrol, diesel, most other solvents, dilute acids and chemicals
- Withstands impact, abrasion, bending, surface cracking and vibration, expansion and contraction
- Can be overcoated and repaired
- Will not contaminate food and water when fully cured



Code	Size
SPO0605	1 litre

SPRAYON FIBREGLASS REPAIR KIT

- Poly Steel general purpose POLYESTER RESIN is used in con-junction with fibre glass chop strand mat for all home, motor body and boat repairs

Contents:
250ml resin
100g mat
100ml acetone catalyst



Code	Size
SPO0685	Kit

SPANJAARD MOULD PROTECT SPRAY

- Used to protect expensive steel moulds, dies and tools from corrosion during inside storage
- Leaves a thin dry film which need not be removed when moulds and dies are brought back in use
- Also acts as metal protector



Code	Size
SPN0385	400ml

SPANJAARD MOULD RELEASE NON-SILICONE

- Used in injection moulding where parts need to be printed after manufacture and where silicone mould release agents are therefore not suitable



Code	Size
SPN0388	320ml

SPRAYON SPOT PUTTY

- Finely pigmented stopper for superfine filling of metal scratches, pinholes and other minor surface imperfections
- Easy to flatten and sand



Code	Size
SPO0730	400g

SPRAYON BURNISHING COMPOUND

- It is a colour restorer for car bodywork which removes oxidation and road haze, suitable for all types of paint work leaving a smooth, high gloss finish on your vehicle
- It removes surface scratches and also dead paint, thus restoring original shine



Code	Size
SPN0625	250ml
SPN0630	500ml

SPRAYON RUBBING COMPOUND

- Made for preparation and final stages of automotive refinishing and for removing orange peel
- Also helps remove contamination and dust ingress on repainted surfaces



Code	Size
SPO0710	250ml

SPRAYON BODY FILLER & HARDENER

- Used for filling dents and small holes in metal, plastic, wood and concrete
- It is perfect for use on a vehicle undergoing panel-beating with outstanding adhesion and flexibility
- It has a smooth easy to use texture for shaping and sanding



Code	Size
SPO0610	500g
SPO0615	1.5kg

SPRAYON RUST CONVERTER

- Aerosol spray
- Eliminates spread of rust
- Protects rusted metal
- Stabilises rust layers



Code	Size
SPO0715	250ml

SPRAYON RUST OFF RUST REMOVER

- A remover with a powerful chemical action that cleans, de-greases and helps to dissolve and prevent further rusting while conditioning metal for painting
- Rust Off improves paint adhesion and prepares new metal for non-primer coating



Code	Size
SPO0720	250ml

TRITON-LEO GROUP OF COMPANIES Q12 RUST OFF RUST REMOVER

- Removes the worst rust in minutes
- No more sanding, just apply and wait for it to work
- Use it in the garage, home, workshop or on the farm
- For any rusty tools, implements and fittings



Code	Size
TRG0100	200ml

SPANJAARD METAL PROTECTOR SPRAY

- A clear, anti-corrosive protective film which dries to a glossy finish
- Can be used on any exposed metal parts
- The powerful spray will reach all seams and crevices exposed to corrosion
- Gives a hard transparent, anit-corrosive coating to all surfaces



Code	Size
SPN0375	300ml

PRATLEY® PRATLIGLO

- This is a self-levelling, pour-on coating for table tops, plaques, clocks and figurines
- It sets hard to a high-build ultra-gloss finish which is absolutely breathtaking
- This one coat, non-shrinking, impact-resistant product is also cigarette-burn and alcohol resistant
- One 200 ml pack of Pratli-glo mixed and applied to a sealed surface will cover approximately 1773 cm2 a square surface of roughly 42 cm x 42 cm or a circle of ± 475 mm in diameter



Code	Size
PRT0013	200ml

SPRAYON SPRAY PAINTS - GLOSS

- Available in 250ml cans, quick drying Sprayon Standard Lacquer Paints are formulated with a rust inhibitor and are lead free for absolute safety and peace of mind
- Sprayon paints are suitable for interior and exterior applications and are designed to maintain their rich, deep colour even under the most extreme UV conditions
- Sprayon uses the same paint batch to colour code each cap ensuring an exact match to the can's contents



Code	Colour	Pack
SPO0005	IVORY	250ml
SPO0015	CREAM	250ml
SPO0020	YELLOW MAIZE	250ml
SPO0025	SUNSHINE YELLOW	250ml
SPO0030	ORANGE GUNSTON	250ml
SPO0032	ORANGE INTERNATIONAL	250ml
SPO0035	TANGERINE	250ml
SPO0040	CARMINE	250ml
SPO0045	RED SIGNAL	250ml
SPO0046	RED POST OFFICE	250ml
SPO0055	MAROON	250ml
SPO0057	MAUVE	250ml
SPO0060	PINK NURSERY	250ml

Code	Colour	Pack
SPO0070	GREY MIST	250ml
SPO0075	GREY MACHINERY	250ml
SPO0092	ROSE	250ml
SPO0105	WHITE FLAT	250ml
SPO0110	WHITE GRECIAN	250ml
SPO0115	WHITE APPLIANCE	250ml
SPO0120	BLACK GLOSS	250ml
SPO0130	BLACK SATIN	250ml
SPO0135	BLUE SKY	250ml
SPO0140	BLUE AZURE	250ml
SPO0155	BLUE ELECTRIC	250ml
SPO0160	BLUE ROYAL	250ml
SPO0165	BLUE MIDNIGHT	250ml

Code	Colour	Pack
SPO0170	VIOLET	250ml
SPO0175	PURPLE	250ml
SPO0180	GREEN SEASPRAY	250ml
SPO0185	TURQUOISE	250ml
SPO0190	GREEN MAGIC	250ml
SPO0200	GREEN EMERALD	250ml
SPO0205	GREEN SHAMROCK	250ml
SPO0210	BEIGE	250ml
SPO0215	BROWN GOLDEN	250ml
SPO0220	BROWN	250ml
SPO0240	CLEAR CRYSTAL	250ml
SPO0252	WHITE SATIN	250ml

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SPRAYON SPRAY PAINTS - METALLIC



- Sprayon paints are suitable for interior and exterior applications and are designed to maintain their rich, deep colour even under the most extreme UV conditions
- Sprayon uses the same paint batch to colour code each cap ensuring an exact match to the can's contents
- Sprayon's Metallic range consists of 12 attractive metallic finishes in the 250ml size cans
- Metallic paints are manufactured from the finest ground metallic compounds for the most professional finish and all colours are lead free and contain a rust inhibitor

Code	Colour	Pack
SPO0050	RED METALLIC	250ml
SPO0078	FINE SILVER	250ml
SPO0080	SILVER METALLIC	250ml
SPO0085	MIRROR/C METALLIC ALU	250ml

Code	Colour	Pack
SPO0090	GOLD R/PALE METALLIC	250ml
SPO0095	COPPER METALLIC	250ml
SPO0100	BRONZE METALLIC	250ml
SPO0145	BLUE METALLIC	250ml

Code	Colour	Pack
SPO0150	BLUE GROTTO METALLIC	250ml
SPO0195	GREEN METALLIC	250ml
SPO0255	CAST IRON METALLIC	250ml

SPRAYON SPRAY PAINTS MATT



- Sprayon paints are suitable for interior and exterior applications and are designed to maintain their rich, deep colour even under the most extreme UV conditions
- Sprayon uses the same paint batch to colour code each cap ensuring an exact match to the can's contents

Code	Colour	Pack
SPO0125	BLACK MATT	250ml
SPO0260	CLEAR MATT	250ml

SPRAYON SANDING SEALER



- High quality lacquer spray
- Use on wood after sanding
- Seals the grain and prepares it for next finishing product
- Will accept overspray of final colour
- Do not spray near open flames

Code	Colour	Pack
SPO0245	REDDISH	250ml

SPRAYON ENGINE ENAMEL



- Sprayon Engine Enamel is a specially formulated lacquer spray with heat resistant properties up to 200°C. Engine Enamel is available in 19 deep, rich durable colours which are resistant to peeling and cracking and guarantee long life
- Tough Engine Enamel is suitable for engine blocks and parts that require a heat resistant finish

Code	Size	Colour
SPO1000	250ml	Appliance White
SPO1005	250ml	Gloss Black
SPO1007	250ml	Cast Iron
SPO1010	250ml	Matt Black
SPO1015	250ml	Mirror C.A.

Code	Size	Colour
SPO1020	250ml	Signal Red
SPO1030	250ml	Sham Green
SPO1035	250ml	Met Silver
SPO1045	250ml	Ford Blue

SPRAYON FLAME PROOF



- Sprayon's Ultra High Temperature spray paint is able to withstand temperatures in excess of 650°C. This unique spray paint provides a durable finish of the highest professional quality
- UHT is ideal for fireplaces, braais, manifolds and many other applications where maximum heat protection is required

Code	Size	Colour
SPO1100	390ml	Black
SPO1140	390ml	Red

SPRAYON HAMMER FINISH SPRAY



- A speciality lacquer spray from Sprayon which gives a sprayed 'Hammered' look
- A very hard, durable finish that is perfect for refurbishing equipment and for decorative purposes
- Hammer Finish is available in 5 standard colours in 350ml cans

Code	Size	Colour
SPO0123	350ml	Black
SPO0320	350ml	Silver
SPO0325	350ml	Blue
SPO0330	350ml	Green
SPO0335	350ml	Charcoal

MAT WELD Quality Welding Products COLD ZINC GALVANISING SPRAY



- Use after welding as a touch-up paint for damaged galvanised surfaces or as a primer or final coat on iron or steel
- Forms a flexible, non-cracking, non-chipping coat that protects surfaces even in acidic atmospheres
- Contains >95% purity zinc

Code	Size
MAT0815	350ml

SPRAYON COLD GALVANISING SPRAY



- Aerosol spray
- Quick drying
- Zinc based
- Permanent protective finish

Code	Size
SPO0500	350ml

SPANJAARD COLD ZINC GALVANISING SPRAY

- Deposits a flexible, hard, 95% pure zinc coating used for the protection of steel surfaces
- Especially useful in cases where the galvanized coating on steel has been disturbed due to welding, drilling, etc



Code	Size
SPN0179	400ml

SPRAYON FROST GLASS SPRAY

- Aerosol spray
- An opaque spray
- Produces a frosted glass effect
- Use on bathroom windows and shower doors



Code	Size
SPO0688	350ml

SPRAYON NEW CHROME

- Aerosol spray
- Quick drying
- Easy to use
- Professional finish



Code	Size
SPO0460	225ml

SPRAYON SPRAY GLOW

- Spray Glow is a bright fluorescent spray paint available in a range of 6 quick drying colours in 250ml aerosol cans
- Spray Glow is perfect for signage, hobbies and crafts where maximum visibility is required and is safe to use on polystyrene
- For best results put the can in warm water for 5 minutes and use Sprayon white primer as a base coat



Code	Size	Colour
SPO0437	250ml	Amber
SPO0438	250ml	Red
SPO0440	250ml	Pink

Code	Size	Colour
SPO0445	250ml	Yellow
SPO0450	250ml	Orange
SPO0455	250ml	Green

SPRAYON BLACK TYRE PAINT

- Ideal for car washes and garages
- Semi gloss
- Fast drying



Code	Size
SPO0755	250ml

Genkem NOVA BOURNE GLEEM

- A high-gloss, tough and resilient wooden floor sealer that does not darken or yellow with age
- Produces a beautiful easy to maintain finish
- Easy to apply, it provides a safe, non-slip surface which never needs polishing
- Do not use on exterior woodwork
- Do not treat bitumen bonded woodblock flooring until at least 6 months after laying
- Mosaic woodblock and strip flooring can be coated immediately



Code	Size
NOV0505	5 Litre

Genkem NOVA BOURNE STONESEAL

- A durable sealer that enhances the colours of slasto and all porous stone surfaces with a clear finish
- Prevents powdering
- Suitable for exterior and interior use on slasto, rosestone, coloured stone and crazy paving
- Available in gloss only
- Do not use on slate, non porous quarry tiles, terrazo cermaic tiles, bricks or any surface which is damp or previsouly waxed.
- Do not use around pool areas as the finish becomes slippery when wet



Code	Size
NOV1000	1 Litre
NOV1005	5 Litre

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

NOVA 1 NOVABRICK

- Protect your vertical brick walls with Nova 1 Novabrik
- It is weather resistant and water repellent, and can be used on interior and exterior vertical brick surfaces.
- Enhances the natural colour of the bricks, sealing and protecting your walls with an attractive satin finish.
- Will not flake or peel, lasting longer to give your brick walls the protection they need



Code	Size
NOV1050	1 Litre
NOV1055	5 Litre

NOVA 2 SLASTO 'n STONE SEALER

- Seals and beautifies Slasto and porous stone work
- Can be used on floors -gives a clear finish
- Enhances the natural colours of the Slasto and stone
- Indoor and outdoor use
- Prevents powdering
- U.V.Resistant



Code	Size	Colour
NOV1070	1 Litre	Gloss
NOV1075	5 Litre	Gloss
NOV1080	1 Litre	Matt
NOV1085	5 Litre	Matt

NOVA 3 SLATE 'n QUARRY TILE DRESS

- Bring out the natural colour and texture of slate, quarry and terracotta tiles
- Suitable for indoor and outdoor use, this unique wax-based dressing seals and protects non-porous stone surfaces.
- UV resistant and dries to a low sheen finish
- This penetrating dressing will bring your tiles back to life



Code	Size
NOV1090	1 Litre
NOV1095	5 Litre

NOVA 5 NOVAPAVE

- Give your paving a new lease on life
- It is a clear, penetrating water-based sealer, suitable for use indoors and outdoors
- Use to seal brick, concrete and unglazed tiles in driveways, patios, garage and workshop floors
- Dries to a colourless sheen, preserving the natural colour of the paving. UV resistant
- Protects paving from stains and degradation, and restricts fungal growth



Code	Size
NOV2015	5 Litre

NOVA 8 NOVASTRIP

- Can be used on wood, metal and stone surfaces
- Easy to use, effectively strips paint, lacquers and varnishes, and is suitable for cleaning paint-hardened brushes as well



Code	Size
NOV2030	1 Litre
NOV2040	5 Litre

NOVA 13 DEEPSHINE FLOOR POLISH

- A water based clear floor polish
- Easy to apply
- Produces a long lasting lustre up to 3 months
- Restores the shine on previously sealed slate and quarry floors
- Cleans and shines Vinyl floor tiles and sheeting



Code	Size
NOV2066	500ml

NOVA 14 NOVASEAL

- For protection from our harsh climate, Nova 14 Novaseal is the perfect choice for exterior and interior wood surfaces
- UV resistant, with added repellant
- Dries to a transparent semi-gloss finish enhancing the texture, grain and natural look of the timber
- Provides a tough, hard-wearing finish for timber (up to 36 months)
- Will not crack, peel or blister
- Ideal for pergolas, sundecks and outdoor furniture

Code	Size	Colour
NOV2070	1 Litre	Imbuia
NOV2073	5 Litre	Imbuia
NOV2080	1 Litre	Meranti
NOV2085	5 Litre	Meranti
NOV2090	1 Litre	Natural Pine
NOV2095	5 Litre	Natural Pine



NOVA 15 TIMBERSEAL

- Oil-enriched sealer, suitable for all outdoor surfaces
- UV stabilised with anti-wood borer and anti-termite Ingredients
- Penetrates deep into soft and hard woods, sealing and enhancing them
- Provides maximum water repellence
- Will not crack, peel or blister
- Protects exterior woodwork against rain, water and mildew
- No priming required
- **Caution: Do not use on furniture**

Code	Size	Colour
NOV3000	1 Litre	Natural Clear
NOV3005	5 Litre	Natural Clear
NOV3010	1 Litre	Mahogany
NOV3015	5 Litre	Mahogany
NOV3020	1 Litre	Teak
NOV3025	5 Litre	Teak



NOVA 16 NOVAGLOW

- Ultra long life exterior timber varnish
- Provides a durable decorative gloss finish
- Long life protection against damaging climatic conditions
- Ideal for all exterior and interior timber
- Dries to a tough glossy finish
- Enhances and protects the textures and grain of the wood
- UV stabilised with anti-fungal and water repellant ingredients for long lasting protection

Code	Size	Colour
NOV3046	1 Litre	Imbuia
NOV3048	5 Litre	Imbuia
NOV3050	1 Litre	Kiaat
NOV3055	5 Litre	Kiaat
NOV3060	1 Litre	Mahogany
NOV3065	5 Litre	Mahogany
NOV3070	1 Litre	Natural Pine
NOV3075	5 Litre	Natural Pine
NOV3072	1 Litre	Oregon
NOV3073	5 Litre	Oregon



NOVA 17 NOVATHANE

- Available in matt or gloss it seals in the beauty of indoor wood while protecting it from life's little knocks
- Water, heat, stain and alcohol resistant, it dries to a tough, clear finish
- Easy application and maintenance make it perfect for indoor surfaces and furniture such as bookshelves, cupboards, tables, bar tops and indoor furniture
- Low odour and quick drying formula suitable for all interior woodwork
- Nourishes and protects woodwork
- Clear, tough, heat and stain resistant

Code	Size	Colour
NOV3195	500ml	Gloss
NOV3208	500ml	Matt
NOV3200	1 Litre	Gloss
NOV3210	1 Litre	Matt
NOV3205	5 Litre	Gloss
NOV3215	5 Litre	Matt



NOVA 18 NOVADYE

- Is the perfect wood stain to refresh indoor wood surfaces and maintain colour themes within your home
- The wide range of shades allow you the flexibility to choose your interiors, and each application deepens the shade further
- Easy to apply, it can be used on wooden furniture, cupboards, door and skirting boards, as well as newly sanded wooden floors

Code	Size	Colour
NOV3300	500ml	Antique Oak
NOV3305	5 Litre	Antique Oak
NOV3308	500ml	Cherry Wood
NOV3309	5 Litre	Cherry Wood
NOV3311	500ml	Ebony
NOV3312	5 Litre	Ebony
NOV3320	500ml	Imbuia
NOV3316	5 Litre	Imbuia
NOV3321	500ml	Light Oak
NOV3322	5 Litre	Light Oak
NOV3323	500ml	Mahogany
NOV3324	5 Litre	Mahogany

Code	Size	Colour
NOV3330	500ml	Medium Oak
NOV3325	5 Litre	Medium Oak
NOV3331	500ml	Meranti
NOV3332	5 Litre	Meranti
NOV3340	500ml	Sapele
NOV3350	500ml	Teak
NOV3345	5 Litre	Teak
NOV3360	500ml	Walnut
NOV3356	5 Litre	Walnut
NOV3370	500ml	Yellow Wood
NOV3390	500ml	Oregon



SUGAR SOAP

- A strong detergent cleaner for removing grease and ingrained grime from painted and various other surfaces

Code	Size
ALC4100	500g



TILE DOCTOR BITUMEN & GLUE REMOVER

- A highly concentrated blend of aromatic stripping solvents and emulsifier
- For the effective removal of bitumen, contact adhesive and other glues
- Cleans tar splashes from vehicles, strips varnish and sealers
- Cleans cement and wooden floors where tiles and carpets have been stuck down with bitumen or tiled floors where carpets have been stuck down with contact or latex adhesives

Code	Size
GEM2200	1 Litre
GEM2205	5 Litre



Bostik SILICONE STRIPPER



- Strips all silicones
- Formulated to completely remove old or fresh silicone sealants
- Removes acetoxy, and neutral cure silicones as well as gasket sealers
- Removes from sanitary ware, plaster, masonry, concrete and most textiles (except nylon)

Code	Size
BST0066	90ml

Genkem WALL PAPER STRIPPER

- Dissolve contents in hot water, stir briskly
- Brush generously onto wall paper, let it soak in
- Whilst paper is still damp, peel off



Code	Size
GEM1200	100g

SPANJAARD WINDSCREEN CLEANER

- Concentrated cleaner for addition to the windscreen washer reservoir
- Removes grease, dirt, insects, etc. from windscreen and ensures smear-free vision day and night
- Add a bottle to half a bucket of warm water to effectively clean hub-caps, wheels and mag wheels



Code	Size
SPN0960	375ml

SPANJAARD WONDER WASHER

- For washing and waxing of all motor vehicle paint finishes
- Add 50 ml to a bucket of water



Code	Size
SPN1300	375ml

MTS ENGINE CLEANER

- A water washable degreaser suitable for automotive components, garage floors, gearboxes, engines, chassis, and tools



Code	Size
FLG2000	500ml
FLG2020	5 litre
FLG2040	25 litre

SPANJAARD ENGINE CLEANER

- A highly concentrated degreasing agent suitable for all engines
- Adds the professional touch to your engine
- For easier working conditions use before commencing repairs or maintenance
- Also suitable as a floor degreaser
- The solution for the weekend mechanic, effectively removes driveway oil spills



Code	Size
SPN0265	500ml

SPANJAARD ENGINE FLUSH

- New oil deserves a clean engine
- A very effective cleaner removing carbon, gum and sludge deposits, varnish and lacquer
- Cleans PCV systems and flushes out engine contaminants
- Clean engines use less fuel and last longer
- To keep an engine in top condition use before every oil change



Code	Size
SPN0270	375ml

SPANJAARD ELECTRIC MOTOR CLEANER

- A quick drying (> 85˚C flash point) safety solvent for electric motor and generator armatures
- Applied by spray gun or immersion



Code	Size
SPN0260	5 litre

SPANJAARD SWITCH CLEANER

- For cleaning and lubricating domestic and industrial electrical switches and controls

Code	Size
SPN0640	200ml
SPN0660	400ml



SPANJAARD LEKTRO KLEEN

- Most sophisticated and non-toxic electronic contact cleaner
- Leaves no residue, is fast drying, has a high di-electric strength and will not attack plastics
- For use on all electronic components, PC boards, computer keyboards as well as recording and hi-fi equipment
- Will not remove finely printed and painted markings on electronic equipment

Code	Size	
SPN0347	350ml	Non-flammable
SPN0350	200ml	Flammable
SPN0370	400ml	Flammable



SPANJAARD BATTERY TERMINAL PROTECTOR

- An anti-corrosion film which dries completely after application, effectively preventing corrosion and dirt build-up
- Ensures a strong and continuous connection
- Spray entire battery and surrounding area for prolonged battery life
- Use instead of grease

Code	Size	Colour
SPN0060	200ml	Blue
SPN0062	200ml	Red



SPANJAARD ELECTRIC INSULATION VARNISH

- Available in aerosol only
- Used for restoring the insulation of electric armature windings
- An excellent electrical maintenance product

Code	Size
SPN0262	350ml



SPANJAARD BRAKE CLEANER

- A heavy duty cleaner for drum and disc brakes, brake cables, rotors and disc pad/drum lining surfaces without disassembly
- Takes a few minutes to remove brake dust, dirt, grease and brake fluid deposits

Code	Size
SPN0105	500ml



SPANJAARD CARBURETOR & FUEL SYSTEM CLEANER

- The complete fuel system service available in liquid form to add to the fuel as an ongoing cleaning agent that works while you drive
- Improves sluggish engines and ensures optimum fuel efficiency

Code	Size
SPN0155	375ml



SPANJAARD CARB CLEANER

- The complete fuel system service available as an aerosol
- To clean the carburetor internally and externally, freeing chokes, PC valves and jets
- Removing gum, varnish and sludge

Code	Size
SPN0160	350ml



SPRAYON ENGINE START

- Can be used on petrol and diesel engines to assist in start up in cold damp conditions and is easy to use, by just removing the air filter and spraying Engine Start in
- Can be used on trucks, cars, earth moving equipment and stationary engines

Code	Size
SPO0360	350ml



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SPANJAARD START UP SPRAY

- For instant starting of all internal combustion engines including outboard motors



Code	Size
SPN0540	350ml

SPANJAARD SMOKE DOCTOR

- Stops oil burning. Reduces oil consumption, reduces oil smoke, coats engine parts and prevents metal to metal contact
- Quietens engine and restores compression
- For use in petrol and diesel engines
- A much thicker version than the Spanjaard Oil Treatment



Code	Size
SPN0577	500ml

SPANJAARD RADIATOR FLUSH

- A highly effective radiator and cooling system cleaner, removes rust, scale and sludge, helps to prevent corrosion, not harmful to hoses and gaskets, safe in aluminum blocks
- Simply add it to radiator coolant before flushing.



Code	Size
SPN0572	375ml

SPANJAARD RADIATOR SEAL

- A most sophisticated radiator coolant additive
- Protects against all types of corrosion as well as electrolytic corrosion, safe in aluminum engine blocks, lubricates the water pump, stops head gasket seepage, can be used with all superior grade anti-freeze preparations and seals pin hole leaks
- Simply add to radiator coolant



Code	Size
SPN0580	375ml

SPANJAARD PETROL INJECTOR CLEANER

- Specially formulated to clean and ensure optimum performance of all types of petrol injectors and injection systems
- Increases power, performance, fuel economy and engine life while reducing exhaust emission and corrosion
- Simply add to fuel



Code	Size
SPN0525	375ml

SPANJAARD DIESEL INJECTOR CONDITIONER

- For all diesel engines
- Add to fuel tank & bulk storage tank
- Cleans injector nozzles
- Contains biocide to prevent bacteria growth



Code	Size
SPN0180	375ml

SPANJAARD OIL TREATMENT

- Add to engine oil of all automotive petrol and diesel engines
- Will enable a worn engine to run for a little longer before an overhaul
- Reduces oil consumption, smoke emission contains soluble molybdenum



Code	Size
SPN0450	375ml

SPRAYON CLASSIC CAR WAX

- Has been specially formulated to preserve the beauty of your car's base coat finish
- It contains specially selected ingredients that are not abrasive, to give your car the utmost protection with a brilliant shine



Code	Size
SPO0645	400ml

SPRAYON CLASSIC LIQUID CAR POLISH

- Carnuba wax restores the original colour and shine on your car
- Classic Polish removes oxidation caused by the weather, road film and grease, leaving a natural wax shine
- Classic Polish can be used on all finishes of vehicles

Code	Size
SPO0650	500ml



SPRAYON CLASSIC METALLIC CAR WAX

- Specially formulated to preserve the beauty of your car's metallic finish.
- It contains specially selected ingredients that are not abrasive, to give your car the utmost protection with a brilliant shine.

Code	Size
SPO0655	400ml



SPANJAARD WONDER WAX

- Removes oxidation and grime and fills in scratches on all vehicle paint finishes
- It is a superior blend of polymers and waxes designed to ensure maximum durability and protection
- Restores original high-gloss finish

Code	Size
SPN1320	375ml



SPRAYON CLASSIC HOT WAX SHAMPOO

- A powerful car wash with real Carnuba wax. It cleans away oil, grease and dirt, leaving your vehicle with a streak free shine
- Saves you having to constantly polish your car and helps re-plenish depleted wax, caused by normal car washing and rain

Code	Size
SPO0690	500ml



SPANJAARD MAG WHEEL CLEAN SPRAY

- World's best Mag Wheel Cleaner
- A powerful, non-stain aerosol cleaner for mag wheels which lifts off dirt and brake residues followed by high pressure water washing
- Cleans wheels like magic.

Code	Size
SPN0373	400ml



SPANJAARD TYRE FIX SPRAY

- The best quality guaranteed emergency kit to repair and inflate flat tyres
- Suitable for conventional, radial, tubed and tubeless tyres for all cars, LDVs and motor cycles
- Will repair and re-inflate a flat tyre within seconds facilitating a quick getaway
- The ideal emergency kit for ladies who drive alone
- Extremely simple to use, makes an ideal gift

Code	Size
SPN0900	315ml



SPRAYON CLASSIC TYRE POLISH

- A high gloss black tyre wax
- It protects and beautifies tyres and keeps your tyres in their original condition

Code	Size
SPO0660	400ml



SPRAYON BACK 2 BLACK

- A unique formula that restores the exterior black surfaces on your car to their original deep colour and lustre
- Works wonders on all black metallised and plastic trims, rubber bumpers, moulding and tyres
- It cleans quickly and effectively, removing dirt and stains while revitalising the original deep colour and sealing in the colour with a protective film

Code	Size
SPO0620	500ml



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SPANJAARD LEATHER TREATMENT

- Protects, cleans and restores
- Fine leather and certain plastics
- A water based emulsion
- Contains lanolin, carnauba waxes and leather fragrances

Code	Size
SPN0345	375ml



SPRAYON LEATHER CARE AND CONDITIONER

- A superior liquid, which can be used to protect vinyl and leather car seats as well as leather furniture, shoes, handbags, luggage etc
- Classic Leather care cleans and moisturises while protecting against ultra violet rays, cracking and peeling

Code	Size
SPO0695	500ml



SPANJAARD COCKPIT SPRAY

- Cleans, restores and protects plastic and rubber surfaces in your car
- Contains anti-static

Code	Size	Fragrance
SPN0168	300ml	Cool Secret
SPN0170	300ml	Musk
SPN0172	300ml	Wild Cherry
SPN0173	300ml	Wild Lavender



SPRAYON GRAFFITI REMOVER

- Graffiti Remover is a medium strength solvent that will not remove most enamels or PVA
- Simply spray onto the affected area, wait approximately one minute and wash away unwanted paint with water using a cloth or soft brush

Code	Size
SPO0370	250ml



SPANJAARD DRY PRESSURE DUSTER

- Dry compressed gas for the removal of dust and airborne contaminants
- For cleaning of PC boards and other sensitive electrical/electronic components

Code	Size
SPN0530	200ml



SPANJAARD EXTREME KLEEN

- A powerful detergent in a finger pump bottle
- Cleans all household appliances, kitchens, bathrooms, engines, tools, fabrics etc
- Disinfectant - contains no ammonia or bleach
- Environmentally friendly
- Non-abrasive, non-staining

Code	Size
SPN0284	500ml



SPANJAARD RAPID KLEEN

- A superior quality aerosol industrial cleaner and degreaser
- Cleans and degreases metal parts, glass and ceramics
- Flushes away oils and grease, removes dust and surface contaminations
- Very fast drying and leaves no residue

Code	Size
SPN0575	400ml



TIARA STAINLESS STEEL CLEANER

- TIARA Stainless Steel Cleaner is specially formulated to clean and maintain stainless steel
- It effectively removes surface contamination and restores damaged, corroded and unsightly stainless steel to its original shiny finish (provided the metal is not pitted) making your items last longer

Code	Size	Packaging
TIA190	180g	Loose
TIA190B	180g	Blister



HAND CLEANER

- Waterless hand cleaner
- Wipe on -Wipe off action
- Contains Lanolin
- Anti-bacterial
- Biodegradable
- Economical
- Pine fragrance





Code	Size
FLG2220	500g
FLG2240	1Kg
FLG2280	5Kg

HAND CLEANER WITH GRIT

- Hand cleaner contains grit and lanolin and is an antiseptic which cleans with or without water
- Gentle abrasive action loosens grease and grime
- Removes grease, grime, ink, tar, carbon, wet paint, ingrained dirt





Code	Size
FLG0800	300g
FLG0810	500g
FLG0820	1Kg

Code	Size
FLG0830	2Kg
FLG0840	5Kg
FLG0850	20Kg

HAND CLEANER SOAP BAR WITH GRIT

- Removes grease, grime, duplicating ink, ball point ink, printing ink, ingrained dirt, tar, carbon and wet paint
- Indispensable in the home, workshop, office and outdoors
- Supplied in convenient 100gr shrink wrapped bars





Code	Size	Grit	Pack
FLG0780	100g	P100	18

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

Air Tools & Compressors



Air Tools & Compressors

In addition to a comprehensive range of air tool accessories, hose and fittings, we offer two distinctively different classes of Air Power Tools - **Heavy Industrial Duty** and **Industrial Duty**. Both ranges offer the professional or serious DIYer a reliable tool for most applications.

We supply **MAT-AIR** compressors that offer years of reliable service for most applications. The range includes direct drive compressors for DIY use and belt drive compressors right up to 10hp/300litre for professional use.


72-73
Heavy Industrial Duty Impact Wrenches


73-74
Heavy Industrial Duty Die Grinders


74
Heavy Industrial Duty Angle Grinders


75
Heavy Industrial Duty Drills


75
Heavy Industrial Duty Nailer


75
Heavy Industrial Duty Riveters


75
Heavy Industrial Duty Needle Scaler


76
Industrial Duty Impact Wrenches


77
Industrial Duty Impact Wrench Kits


77
Industrial Duty Ratchet Wrench & Kit


78
Industrial Duty Die Grinders


78
Industrial Duty Angle Grinders


79
Industrial Duty Drills


79
Industrial Duty Hammers


80
Industrial Duty Screwdrivers


80
Industrial Duty Caulking Gun

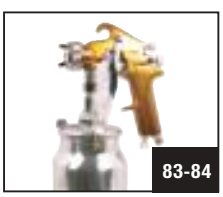

80
Industrial Duty Riveters


81
Industrial Duty Staplers & Nailers


81
Staples & Nails


82
Industrial Duty Sanders & Polishers


83
Airbrush Kits


83-84
Spray Guns


84-85
Air Accessories


85
Air Hose


86
Air Accessories & Fittings


87
Direct Drive Compressors


88-90
Belt Drive Compressors


91
Compressor Care

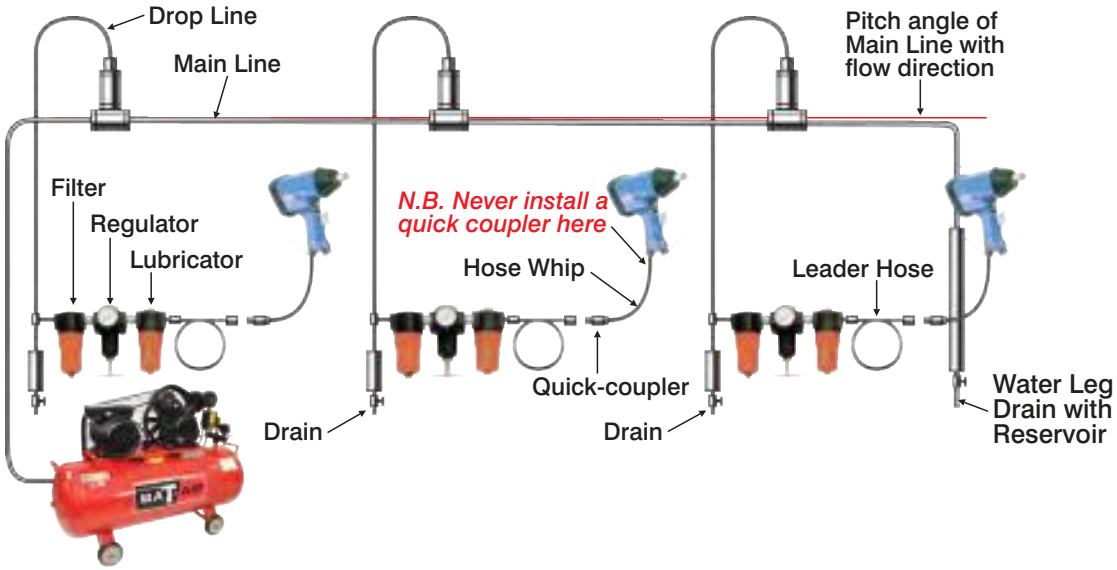
AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

AIR LINE SET UP & FREE AIR DELIVERY CALCULATION

Many users install the quick-coupler at the intake of the tool, this is not recommended. Rather add a hose whip with the coupling between the whip and air supply or leader hose.

- Check air lines and couplings for leaks
- Once detected repair immediately
- Small leaks reduce performance
- Make sure that the total consumption of the air tools used simultaneously is lower than the Free Air Delivery (FAD) of the compressor
- The air lines should be kept as short as possible, if a long line is unavoidable make use of a larger diameter hose
- Use 90 psi while running the tool
- Higher pressure and unclean air will shorten the tool's life span because of faster wear and may create a hazardous condition
- Drain the air tank daily. Water in the air line will damage the tool
- Clean the air inlet filter screen weekly
- Use an in-line lubricator with SAE #10 oil

Air line setup to supply air to RACO air tools in the workshop environment



Free Air Delivery (FAD) Calculation

Free Air Delivery - as available from compressor to drive air tools.

How do we calculate it?

Litres/minute delivered by the compressor x 0.65 (65% efficiency).
This will give Free Air Delivery (FAD).
This can now be related to required air for air tools (each one different).

EXAMPLE:

Displacement volume = 475//min
Free Air Delivery (FAD) = 475 x 0,65 = 309//min

Air tool requirement = 200//min
FAD requirement = 200 ÷ 0,65 = 308//min

The nett result from the compressor would be sufficient to run the air tool providing that the use was not continuous.

For continuous use of the air tool the nett result from the compressor should be at least 20% higher than the tool's FAD requirement i.e. 370l/min. This would not put unnecessary strain on the compressor motor.

Moisture in the Air Line

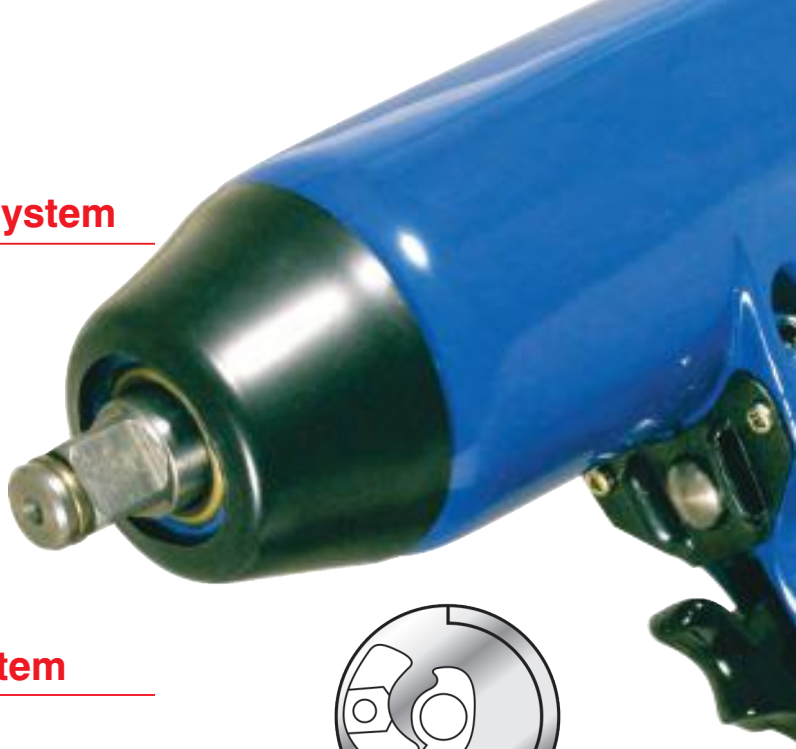
An inherent property of compressed air is that it always contains moisture. Much of this moisture can be removed by using an air filter with a water trap. However, a small amount of water will always reach the tool. Moisture is an air tool's greatest enemy as it can create corrosion which can affect performance or at worst seize the motor. In order to eliminate this threat, three to four drops of air tool oil can be added to the inlet after use and running for a few seconds will prevent corrosion and line the inside surfaces of the air motor with oil. Use proper air tool oil only, such as Air Turbine oil or Shell Tellus S22. Normal car oils are NOT suitable for use in air tools.



Conversion Factors

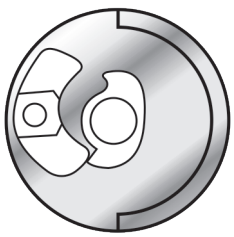
TORQUE:	1 in-lb = 0,1130 nm	= 0,0113 kg-m
	1 ft-lb = 1,35582 nm	= 0,138 kg-m
	1 nm = 0,737562 ft-lb	= 0,101972 kg-m
PRESSURE:	1 bar =1,0197162 kg/cm^2	= 14,503768 psi
	1 psi = 0,0703069 kg/cm^2	= 0,0689476 bar
FLOW:	1 cfm = 28,3 l/m	

LENGTH:	1 m = 39,3701 in	= 3,28084 ft
	1 ft = 12 in	= 0,3048 m
	1 in = 25,4 mm	
WEIGHT:	1 lb = 0,45359 kg	
	1 kg = 2,20462 lb	
POWER:	1 kw = 1,34102 hp	
	1 hp = 0,7457 kw	



Rocking Dog Hammer System

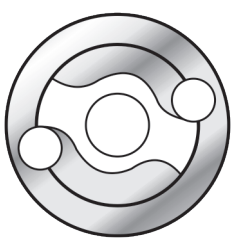
- Single-hammer action type impact wrenches deliver an excellent torque to weight ratio.
- Simple to maintain.
- Positive trigger action for speed variation.
- Recommended for servicing applications in automotive garages and repair centres.



Rocking Dog Hammer System

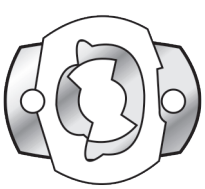
Pin Clutch Hammer System

- Fast tightening and loosening with strong, fast air motor.
- The well balanced, low vibration impact mechanism and negligible torque reaction ensures low operator fatigue.
- Light-weight.
- Designed for heavy industry applications and high speed process lines.
- Flexible - each tool has a wide torque range to suit many applications.
- Ideal for truck engine work and general heavy maintenance.



Pin Clutch Hammer System

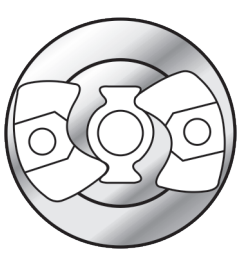
- Twin hammer impacts ensure balanced torque.
- More power than pin clutch systems.
- Easy operation, low-cost maintenance, superior performance.
- More sensitive to air pressure regulation than other tools.



Twin Hammer System

Two Hammer System

- Double hammer type impact wrenches offer well-balanced fastening and loosening performance with minimal torque reaction. This ensures longer life of impact clutch.
- Great flexibility - each tool has a wide torque range to suit many applications.
- Ideal for general industry, automotive repair and body-shop applications.



Two Hammer System

HEAVY INDUSTRIAL DUTY, 13mm IMPACT WRENCH

- Twin hammer impact leads to well balanced torque
- More power per pound than pin clutch systems
- Easy operation with low maintenance costs and excellent performance
- Sensitive to air pressure regulation
- Ideal for work on transport vehicles and general heavy maintenance in heavy industrial applications



Twin Hammer System

Specifications

Model	RAC7205
Square Drive	13mm
Capacity - Bolt Size	16mm
Free Speed	7000 RPM
Max. Torque (Nm / ft-lb)	541/400
Overall Length	185mm
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	12
	(LPM)	340
Nett Weight (kg)		2,5
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		5,5
See Product Code		AIR2150
Packing		Each

HEAVY INDUSTRIAL DUTY, 20mm IMPACT WRENCH

- Twin hammer impact leads to well balanced torque
- More power per pound than pin clutch systems
- Easy operation with low maintenance costs and excellent performance
- Sensitive to air pressure regulation
- Ideal for work on transport vehicles and general heavy maintenance in heavy industrial applications



Twin Hammer System

Specifications

Model	RAC7210
Square Drive	20mm
Capacity - Bolt Size	25mm
Free Speed	6500 RPM
Max. Torque (Nm / ft-lb)	1015/750
Overall Length	228mm
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	14
	(LPM)	396
Nett Weight (kg)		4,55
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		5,5
See Product Code		AIR2150
Packing		Each

HEAVY INDUSTRIAL DUTY, 25mm IMPACT WRENCH

- Twin hammer impact leads to well balanced torque
- More power per pound than pin clutch systems
- Easy operation with low maintenance costs and excellent performance
- Sensitive to air pressure regulation
- Ideal for work on transport vehicles and general heavy maintenance in heavy industrial applications



Twin Hammer System

Specifications

Model	RAC7220
Square Drive	25mm
Capacity - Bolt Size	45mm
Free Speed	4000 RPM
Max. Torque (Nm / ft-lb)	2167/1800
Overall Length	381mm
Air Inlet (PT)	1/2" BSP
Air Hose (ID)	13mm

Average Air Consumption	(CFM)	23,5
	(LPM)	665
Nett Weight (kg)		9,3
Work Air Pressure	(PSI)	90 - 114
	(Bar)	4,3 - 8,0
Compressor HP (min.)		10
See Product Code		AIR2200
Packing		Each

HEAVY INDUSTRIAL DUTY, 25mm IMPACT WRENCH - 150MM ANVIL

- Twin hammer impact leads to well balanced torque
- More power per pound than pin clutch systems
- Easy operation with low maintenance costs and excellent performance
- Sensitive to air pressure regulation
- Ideal for work on transport vehicles and general heavy maintenance in heavy industrial applications





Twin Hammer System

Specifications

Model	RAC7200
Square Drive	25mm
Capacity - Bolt Size	45mm
Free Speed	3500 RPM
Max. Torque (Nm / ft-lb)	2440/1600
Overall Length	300/450mm
Air Inlet (PT)	1/2" BSP
Air Hose (ID)	13mm

Average Air Consumption	(CFM)	25
	(LPM)	708
Nett Weight (kg)		9,3
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		10
See Product Code		AIR2200
Packing		Each

HEAVY INDUSTRIAL DUTY, 25mm IMPACT WRENCH - 150MM ANVIL

- Twin hammer impact leads to well balanced torque
- More power per pound than pin clutch systems
- Easy operation with low maintenance costs and excellent performance
- Sensitive to air pressure regulation
- Ideal for work on transport vehicles and general heavy maintenance in heavy industrial applications





Twin Hammer System

Specifications

Model	RAC7215
Square Drive	25mm
Capacity - Bolt Size	45mm
Free Speed	3500 RPM
Max. Torque (Nm / ft-lb)	2440/1600
Overall Length	300/450mm
Air Inlet (PT)	1/2" BSP
Air Hose (ID)	13mm

Average Air Consumption	(CFM)	25
	(LPM)	708
Nett Weight (kg)		10,6
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		10
See Product Code		AIR2200
Packing		Each

HEAVY INDUSTRIAL DUTY, 6mm MINI DIE GRINDER

- Aluminium alloy housing is rugged yet lightweight
- Lock off throttle to prevent accidental start up
- Rear exhaust directs air away from the workpiece
- Designed for prolonged use in heavy industrial applications



Specifications

Model	RAC7320
Capacity / Disc Diameter	6mm
Overall Length	194mm
Free Speed	18000 RPM
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	4
	(LPM)	560
Nett Weight (kg)		0,78
Work Air Pressure	(PSI)	90
	(Bar)	6,2
Compressor HP (min.)		3
See Product Code		AIR2050/ 70/90
Packing		Each

HEAVY INDUSTRIAL DUTY, 6mm EXTRA LONG DIE GRINDER

- Aluminium alloy housing is rugged yet lightweight
- Lock off throttle to prevent accidental start up
- Rear exhaust directs air away from the workpiece
- Designed for prolonged use in heavy industrial applications



Specifications

Model	RAC7325
Capacity / Disc Diameter	6mm
Overall Length	338mm
Free Speed	18000 RPM
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	20
	(LPM)	560
Nett Weight (kg)		1,36
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		3
See Product Code		AIR2050/ 70/90
Packing		Each

HEAVY INDUSTRIAL DUTY, 100mm ANGLE GRINDER

- Aluminium alloy housing is rugged yet lightweight
- Heavy duty spiral bevel gearing in angled head for long tool life and low vibration
- Fitted with lever type throttle
- Removable side handle allows for increased maneuverability
- Suitable for weld preparation and smoothing, rust removal, deburring and blending of steel, cast iron and aluminium



Specifications

Model	RAC7350
Capacity / Disc Diameter	100mm
Spindle Thread	3/8 UNF
Overall Length	246mm
Free Speed	13600 RPM
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	9
	(LPM)	255
Nett Weight (kg)		1,3
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		5,5
See Product Code		AIR2150
Packing		Each

HEAVY INDUSTRIAL DUTY, 180mm ANGLE GRINDER

- Aluminium alloy housing is rugged yet lightweight
- Heavy duty spiral bevel gearing in angled head for long tool life and low vibration
- Fitted with lever type throttle
- Removable side handle allows for increased maneuverability
- Suitable for weld preparation and smoothing, rust removal, deburring and blending of steel, cast iron and aluminium



Specifications

Model	RAC7390
Capacity / Disc Diameter	180mm
Spindle Thread	M14 x 2
Overall Length	300mm
Free Speed	7600 RPM
Air Inlet (PT)	3/8" BSP
Air Hose (ID)	13mm

Average Air Consumption	(CFM)	25
	(LPM)	635
Nett Weight (kg)		2,9
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		10
See Product Code		AIR2200
Packing		Each

HEAVY INDUSTRIAL DUTY, 13mm REVERSIBLE DRILL



- Powerful air motor resists stalls and conserves energy
- Triple idler planetary gearing for smooth operation and extended tool life
- Teasing throttle provides precise control
- Handle exhaust reduces noise and directs air away from the workpiece
- Designed for prolonged use in heavy industrial applications, engine work, auto body shops etc.

Specifications

Model	RAC7409
Capacity / Size	13mm
Overall Length	228mm
Free Speed	500 RPM
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	10
	(LPM)	283
Nett Weight (kg)		1,8
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		5,5
See Product Code		AIR2150
Packing		Each

HEAVY INDUSTRIAL DUTY NAILER



- Aluminium alloy housing is rugged yet lightweight
- Positive trigger action
- Slim magazine for accessibility into tight spaces and improved visibility of the workpiece
- Ideal for installing panels, assembling crates, palettes and boxes and many other applications
- For nails please see page 81
- Nails from 20mm to 50mm available in boxes of 2500

Specifications

Model	RAC8015N
Capacity / Size	T20 - T50
Overall Length	280mm
Overall Height	245mm
Air Inlet (PT)	1/4"BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	0,9
	(LPM)	25,7
Nett Weight (kg)		1,5
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		5,5
See Product Code		AIR2150
Packing		Each

HEAVY INDUSTRIAL DUTY RIVETER



- Specially profiled 3 piece jaw set made from high grade tool steel
- Comfortable, extra long lever mechanism facilitates ease of use
- Employing the croken mandrel vacuum absorption system which reduces air consumption and allows for maximum efficiency on downward riveting

Specifications

Model	RAC7438
Capacity / Size	2,4 - 7,3mm
Traction Power	1420kg
Stroke Length	18mm
Overall Length	317mm
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	0,11
	(LPM)	3,14
Nett Weight (kg)		2,4
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		5,5
See Product Code		AIR2000/ 20/30
Packing		Each

HEAVY INDUSTRIAL DUTY NEEDLE SCALER



- Positive trigger control
- Powerful strike action
- Used for rapid descaling of metal

Specifications

Model	RAC8402
Capacity / Size	3mm Needle
Blows Per Min.	2200
Overall Length	508mm
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	10
	(LPM)	283
Nett Weight (kg)		5,9
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		5,5
See Product Code		AIR2150
Packing		Each

INDUSTRIAL DUTY, 13mm IMPACT WRENCH

- Rocking dog hammer system wrench delivers an excellent torque to weight ratio
- Simple to maintain
- Positive action trigger for speed variation
- Available with regular anvil
- Recommended for servicing applications in automotive garages and repair centres



Rocking Dog Hammer System

Specifications

Model	RAC7420
Square Drive	13mm
Capacity - Bolt Size	16
Free Speed	7000
Max. Torque (Nm / ft-lb)	311/230
Overall Length	178
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	4
	(LPM)	113
Nett Weight (kg)		2,4
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		3
See Product Code		AIR2050/ 70/90
Packing		Each

INDUSTRIAL DUTY, 13mm IMPACT WRENCH

- Pin clutch develops up to 320ft-lbs of torque utility
- Fast tightening and loosening with strong, fast air motor
- The well balanced, low vibration impact mechanism and negligible torque reaction ensures low operator fatigue
- Lightweight
- Designed for industrial applications and high speed process lines
- Flexible - Each tool has a wide torque range to suit many applications
- Ideal for truck engine work and general heavy maintenance



Pin Clutch Hammer System

Specifications

Model	RAC7421
Square Drive	13mm
Capacity - Bolt Size	16
Free Speed	7000
Max. Torque (Nm / ft-lb)	432/320
Overall Length	178
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	4
	(LPM)	113
Nett Weight (kg)		2,4
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		3
See Product Code		AIR2050/ 70/90
Packing		Each

INDUSTRIAL DUTY, 20mm IMPACT WRENCH

- Pin clutch develops up to 700ft-lbs of torque utility
- Fast tightening and loosening with strong, fast air motor
- Lightweight and well balanced, low vibration impact mechanism and negligible torque reaction ensures low operator fatigue
- Designed for heavy industrial applications and high speed process lines
- Flexible - each tool has a wide torque range to suit many applications
- Ideal for truck engine work and general heavy maintenance



Pin Clutch Hammer System

Specifications

Model	RAC7425
Square Drive	20mm
Capacity - Bolt Size	25
Free Speed	4800
Max. Torque (Nm / ft-lb)	941/700
Overall Length	241
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	7
	(LPM)	198
Nett Weight (kg)		4,8
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		3
See Product Code		AIR2050/ 70/90
Packing		Each

INDUSTRIAL DUTY, 13mm IMPACT WRENCH KIT (17 PIECE)

- Recommended for servicing applications in automotive garages and repair centres
- **Same specifications as RIC7420**

Contents:

13mm Impact Wrench **RAC7420**
10 Sockets: 9,10, 11, 13, 15, 17, 19, 21, 22, 24mm
1 x 125mm Extension Bar
1 x Oil Bottle
1 x Hex Wrench
1 x Nipple
1 x Mini Oiler
1 x Plastic Case

Model	Size
RAC7430	17 Piece



Rocking Dog Hammer System



INDUSTRIAL DUTY, 13mm IMPACT WRENCH KIT (17 PIECE)

- Ideal for truck engine work and general heavy maintenance
- **Same specifications as RIC7421**

Contents:

13mm Impact Wrench **RAC7421**
10 Sockets: 9,10, 11, 13, 15, 17, 19, 21, 22, 24mm
1 x 125mm Extension Bar
1 x Oil Bottle
1 x Hex Wrench
1 x Nipple
1 x Mini Oiler
1 x Plastic Case

Model	Size
RAC7431	17 Piece



Pin Clutch Hammer System



INDUSTRIAL DUTY, 13mm RATCHET WRENCH

- Recommended for servicing applications in automotive garages and repair centres
- Compact head design allows greater flexibility in tight areas
- East-to-grip reverse lever for simple directional change
- Hardened gears allow greater durability over other economically priced ratchets
- Applications: Removing and installing spark plugs, radiators, water pumps and exhaust systems
- **Ultimate torque by hand**



Model		RAC7452
Size		13mm
Maximum Torque (Nm/ft-lb)		68/50
Overall Length mm		254
Free Speed RPM		160
Air Inlet (PT)		1/4" BSP
Air Hose (ID)		10mm
Average Air Consumption	(CFM)	3,9
	(LPM)	110

Specifications

Nett Weight (kg)		1,1
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		1,5
See Product Code		AIR2050/70/90
Packing		Each

INDUSTRIAL DUTY, 13mm RATCHET WRENCH KIT

- **Same specifications as RIC7452**

Contents:

13mm Impact Wrench **RAC7452**
7 Sockets: 9,10, 11, 13, 14, 17, 19mm
1 x 6mm x 74mm "L" Extension Bar
1 x Oil Bottle
1 x Adaptor
1 x Plastic Case

Model	Size
RAC7451	16 Piece



INDUSTRIAL DUTY, 6mm MINI DIE GRINDER

- Aluminium alloy housing is rugged yet lightweight
- Lock off throttle to prevent accidental start up
- Rear exhaust directs air away from the work piece



Specifications

Model	RAC7435
Capacity / Disc Diameter	6
Overall Length	160
Free Speed	25000
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	6,5
	(LPM)	184
Nett Weight (kg)		0,4
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		3
See Product Code		AIR2050/ 70/90
Packing		Each

INDUSTRIAL DUTY, 6mm EXTRA LONG DIE GRINDER

- Aluminium alloy housing is rugged yet lightweight
- Lock off throttle to prevent accidental start up
- Rear exhaust directs air away from the workpiece



Specifications

Model	RAC7436
Capacity / Disc Diameter	6
Overall Length	260
Free Speed	25000
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	6,5
	(LPM)	184
Nett Weight (kg)		0,6
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		3
See Product Code		AIR2050/ 70/90
Packing		Each

INDUSTRIAL DUTY, 100mm ANGLE GRINDER

- Aluminium alloy housing is rugged yet lightweight
- Spiral bevel gearing in angled head for long tool life and low vibration
- Removable dead handle allows access to work in restricted areas
- Suitable for weld preparation and smoothing, rust removal, deburring and blending of steel, cast iron and aluminium



Specifications

Model	RAC7400
Capacity / Disc Dia. mm	100
Spindle Thread	3/8 UNF
Overall Length	230
Free Speed	11000
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	7,5
	(LPM)	212
Nett Weight (kg)		1,8
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		3
See Product Code		AIR2050/ 70/90
Packing		Each

INDUSTRIAL DUTY, 180mm ANGLE GRINDER

- Aluminium alloy housing is rugged yet lightweight
- Spiral bevel gearing in angled head for long tool life and low vibration
- Removable dead handle allows access to work in restricted areas
- Suitable for weld preparation and smoothing, rust removal, de-burring and
- blending of steel, cast iron and aluminium



Specifications

Model	RAC7405
Capacity / Disc Dia. mm	180
Spindle Thread	Spline
Overall Length	343
Free Speed	7000
Air Inlet (PT)	3/8" BSP
Air Hose (ID)	13mm

Average Air Consumption	(CFM)	16,5
	(LPM)	467
Nett Weight (kg)		3,2
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		7,5
See Product Code		AIR2180
Packing		Each

INDUSTRIAL DUTY, 10mm DRILL

- Powerful air motor resists stalls and conserves energy
- Triple idler planetary gearing for smooth operation and extended tool life
- Teasing throttle provides precise control
- Handle exhaust reduces noise and directs air away from the workpiece
- Suitable for all industrial applications, engine work, auto body shops etc.



Specifications

Model	RAC7407
Capacity	10mm
Spindle Thread	3/8" x 24
Free Speed RPM	1800
Overall Length mm	165
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	6
	(LPM)	170
Nett Weight (kg)		1,13
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		3
See Product Code		AIR2050/ 70/90
Packing		Each

INDUSTRIAL DUTY, 10mm REVERSIBLE DRILL

- Powerful air motor resists stalls and conserves energy
- Fully reversible action
- Triple idler planetary gearing for smooth operation and extended tool life
- Teasing throttle provides precise control
- Handle exhaust reduces noise and directs air away from the workpiece
- Suitable for all industrial applications, engine work, auto body shops etc.



Specifications

Model	RAC7410
Capacity	10mm
Spindle Thread	3/8" x 24
Free Speed RPM	1800
Overall Length mm	165
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	6
	(LPM)	170
Nett Weight (kg)		1,13
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		3
See Product Code		AIR2050/ 70/90
Packing		Each

INDUSTRIAL DUTY, 13mm REVERSIBLE DRILL

- Powerful air motor resists stalls and conserves energy
- Fully reversible action
- Triple idler planetary gearing for smooth operation and extended tool life
- Teasing throttle provides precise control
- Handle exhaust reduces noise and directs air away from the workpiece
- Suitable for all industrial applications, engine work, auto body shops etc.



Specifications

Model	RAC7415
Capacity	13mm
Spindle Thread	3/8" x 24
Free Speed RPM	400
Overall Length mm	180
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	8
	(LPM)	226
Nett Weight (kg)		1.82
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		3
See Product Code		AIR2050/ 70/90
Packing		Each

INDUSTRIAL DUTY HAMMERS

- Powerful air motor resists stalls and conserves energy
- Teasing throttle provides precise control
- Handle exhaust reduces noise and directs air away from the workpiece
- Suitable for all industrial applications, engine work, auto body shops etc.



Specifications

Model	150mm AIR HAMMER RAC2010	190mm AIR HAMMER RAC2020	250mm AIR HAMMER RAC2030
Chisel Shank (Round)	0.401	0.401	0.401
Bore Diameter (ID) in./mm	3/4" 19.05	3/4" 19.05	3/4" 19.05
Piston Stroke Length mm	41	66	92
Blow Per Min (RPM)	4500	3000	2200
Overall Length mm	133	178	216
Air Inlet (PT)	1/4" BSP	1/4" BSP	1/4" BSP
Air Hose (ID)	10mm	10mm	10mm
Average Air Consumption (CFM)	10	10	10
Average Air Consumption (LPM)	283	283	283
Nett Weight (kg)	1.4	1.6	2.04
Work Air Pressure (PSI)	90	90	90
Work Air Pressure (Bar)	6.3	6.3	6.3
Compressor HP (min.)	5,5	5,5	5,5
See Product Code	AIR2150	AIR2150	AIR2150
Packing	Each	Each	Each

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

INDUSTRIAL DUTY, CLUTCH TYPE SCREWDRIVER

- Cushion-clutch type is used in this series
- There is little friction and very little torque build up
- Vibration is minimised to the operator and workpiece
- Smooth operation and increased clutch life



Specifications

Model		RAC7449
Hex Shank Size		6,35mm
Bit Capacity mm		6
Free Speed RPM		1800
Max Torque	(in-lbs)	45 - 45
	(kgs-cm)	52 - 130
Overall Length mm		178
Air Inlet (PT)		1/4" BSP
Air Hose (ID)		10mm

Average Air Consumption	(CFM)	4
	(LPM)	113
Nett Weight (kg)		1,14
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		3
See Product Code		AIR2050/ 70/90
Packing		Each

INDUSTRIAL DUTY CAULKING GUN

- Uses standard 310ml caulking cartridges
- Metal frame
- Rubber plunger
- Non-drip



Specifications

Model	RAC7406
Cartridge Size mm	50 x 213
Overall Length mm	305
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	6mm

Average Air Consumption	(CFM)	6
	(LPM)	56
Nett Weight (kg)		1,1
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		2
See Product Code		AIR2000/ 20/30
Packing		Each

INDUSTRIAL DUTY, 2,4 - 4,8mm RIVETER

- Specially profiled three-piece jaw
- Comfortable extra long lever mechanism



Specifications

Model	RAC7433
Capacity	2,4 - 4,8mm
Traction Power Kg	720
Stroke Length mm	14
Overall Length mm	230
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	0,03
	(LPM)	0,85
Nett Weight (kg)		1,5
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		2
See Product Code		AIR2000/ 20/30
Packing		Each

INDUSTRIAL DUTY, 2,4 - 4,8mm RIVETER KIT (85 PIECE)

- Specially profiled three-piece jaw
- Comfortable extra long lever mechanism
- Blow moulded case

Model	Size
RAC7439	85 Piece

Contents:

1 x Air Riveter 2,4 - 4,8mm
RAC7433 (Specifications as above)
1 x Joint Nut
1 x Air Hose Joint 1/4"
1 x Air Hose Joint 5/16"
10 x Rivet 4,8mm
10 x Rivet 4,0mm
10 x Rivet 3,2mm
10 x Rivet 2,4mm
1 x Mini Oiler
1 x Blow Case
1 x Jaw Case
1 x Jaw Case Joint
1 x Jaw
1 x Jaw Pusher
1 x Return Spring A
1 x Return Spring B
1 x Valve Pusher Spring
1 x Jaw Pusher Spring
1 x Nose Piece 4,8mm
1 x Nose Piece 4,0mm
1 x Nose Piece 3,2mm
1 x Nose Piece 2,4mm
1 x Frame Brass Joint
1 x Spanner Gauge
1 x Spanner



INDUSTRIAL DUTY, 10-22mm STAPLER

- Aluminium alloy housing is rugged yet lightweight
- Positive trigger action
- Slim magazine for accessibility into tight spaces and improved visibility of the workpiece
- Ideal for installing panels, mouldings, cabinets and furniture manufacture



Specifications

Model	RAC8405
Size	10 - 22mm
Crown	11,2mm (20 Gauge)
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm
Length mm	250
Height mm	170
Nett Weight (kg)	1,1

Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		2
See Product Code		AIR2000/ 20/30
Packing		Each

INDUSTRIAL DUTY, 4-16mm STAPLER

- Aluminium alloy housing is rugged yet lightweight
- Positive trigger action
- Slim magazine for accessibility into tight spaces and improved visibility of the workpiece
- Ideal for installing panels, mouldings, cabinets and furniture manufacture



Specifications

Model	RAC8410N
Size	4 - 16mm
Crown	9,1mm (22 Gauge)
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm
Length mm	225
Height mm	145
Nett Weight (kg)	0,9

Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		2
See Product Code		AIR2000/ 20/30
Packing		Each

INDUSTRIAL DUTY NAILER

- Aluminium alloy housing is rugged yet lightweight
- Positive trigger action
- Slim magazine for accessibility into tight spaces and improved visibility of the workpiece
- Ideal for installing panels, assembling crates, palettes and boxes and many other applications

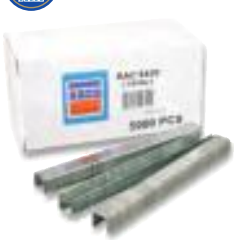


Specifications

Model	RAC8010
Size	F10 - F30
Crown	18 Gauge
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm
Length mm	245
Height mm	185
Nett Weight (kg)	1,1

Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		2
See Product Code		AIR2000/ 20/30
Packing		Each

STAPLES



Staples - 20 Gauge with 11,2mm Crown (for RAC8405)

Part No.	Size
RAC8430	10mm
RAC8445	13mm
RAC8454	16mm
RAC8464	19mm
RAC8469	22mm

Packed in Boxes of 5000

Staples - 22 Gauge with 9,1mm Crown (for RAC8410N)

Part No.	Size
RAC8435	10mm
RAC8440	13mm
RAC8459	16mm

Packed in Boxes of 10000

NAILS



Nails - 18 Gauge (for RAC8010)

Part No.	Ref.	Size
RAC8080	F15	15mm
RAC8085	F20	20mm
RAC8090	F25	25mm
RAC8095	F30	30mm
RAC8400	F32	32mm

Packed in Boxes of 2500

Nails - 16 Gauge (for RAC8015N)

Part No.	Ref.	Size
RAC8030	T20	20mm
RAC8035	T25	25mm
RAC8040	T32	32mm
RAC8045	T38	38mm
RAC8060	T45	45mm
RAC8465	T50	50mm

Packed in Boxes of 2500

INDUSTRIAL DUTY DUAL ACTION SANDER

- Powerful air motor
- Teasing throttle provides precise control
- Accepts stick on or velcro style 150mm Ø sanding pads
- Suitable for panel beating shops, furniture manufacturers and a host of industrial applications



Specifications

Model	RAC7440
Sandpaper	152mm Ø
Spindle Thread	5/16" - 24NF
Free Speed RPM	10000
Overall Size mm	254
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	7
	(LPM)	198
Nett Weight (kg)		1,8
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		3
See Product Code		AIR2050/ 70/90
Packing		Each

INDUSTRIAL DUTY ORBITAL SANDER

- Powerful air motor
- Teasing throttle provides precise control
- Extra strong sandpaper grips
- Suitable for furniture manufacturers and a host of industrial applications



Specifications

Model	RAC7445
Sandpaper	93 x 176mm
Free Speed RPM	8000
Overall Size mm	187
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm

Average Air Consumption	(CFM)	7
	(LPM)	198
Nett Weight (kg)		1,9
Work Air Pressure	(PSI)	90
	(Bar)	6,3
Compressor HP (min.)		3
See Product Code		AIR2050/ 70/90
Packing		Each

INDUSTRIAL DUTY, 180mm VERTICAL POLISHER

- Powerful air motor
- Flexible PVC, 180mm Ø polished head accepts standard fleece pads
- Teasing throttle provides precise control
- Handle exhaust reduces noise and directs air away from the workpiece
- Suitable for panel beating shops, furniture manufacturers and a host of industrial applications



Specifications

Model	RAC7450
Buffer Size	180mm Ø
Spindle Thread	5/8" - 11 UNC
Free Speed RPM	2000
Overall Size mm	190
Air Inlet (PT)	1/4" BSP
Air Hose (ID)	10mm
Average Air Consumption (CFM)	9
Average Air Consumption (LPM)	255
Nett Weight (kg)	1,86
Work Air Pressure (PSI)	90
Work Air Pressure (Bar)	6,3
Compressor HP (min.)	5,5
See Product Code	AIR2150
Packing	Each

GENERAL AIRBRUSH KIT

- Suitable for general artwork, drawings and art student use



Specifications

Model	RAC1002	Glass Jars	22cc, 60cc
Body Length mm	143	PVC Air Hose mm	1860
Nozzle mm	0.35	Metal Hanger	1 Piece
Control	Push-Button	Spanner	1 Piece
Spray	Adjustable	Operating Air Pressure	0,7 - 2,5 kg/cm²
Metal Cup	5cc		

STANDARD AIRBRUSH KIT

- Suitable for any artwork such as photo-retouching, fine drawings, illustrations, precise crafts, hobbyists and plastic models



Specifications

Model	RAC1013	Spray	Adjustable
Body Length mm	93 x 228	Metal Cup	2cc, 5cc, 13cc
Nozzle mm	3	Spanner	1 Piece
Control	Push-Button	Operating Air Pressure	0.7 - 25 kg/cm²

TOUCH-UP SPRAY GUN GRAVITY FEED

- Gravity feed spray gun for small touch up applications
- Hobbyist use
- Bowl size 200 ml
- Maximum pressure - 1.6 bar



Part No.	Size
MTS4585	7oz

SPRAY GUN - GRAVITY FEED

- Gravity feed spray gun with a 0.4 litre paint tank
- Pressure 60 - 100PSI
- Air consumption from 100 – 200 L/min 3.5 - 7 CFM
- Nozzle size 1,8mm



Part No.	Size
MTS4592	0,4 Litre

HIGH PRESSURE SPRAY GUN PROFESSIONAL

- 1litre Capacity
- 50 - 80 PSI
- Nozzle size 1,7mm
- Air consumption from 200 - 340 L/min 7 - 12 CFM



Part No.	Size
MTS4587	1 Litre

LOW PRESSURE SPRAY GUN

- A low pressure spray gun for general use
- Max pressure 20 - 40 psi
- Nozzle size 1,5 mm
- Air consumption 0.2 cfm 5.7 l/min



Part No.	Size
MTS4594	1 Litre

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

HIGH PRESSURE SPRAY GUN

- A high pressure spray gun for general use
- Pressure 50 – 80 psi
- Nozzle size 1.5 mm
- Air consumption from 100 – 200 L/min 7 – 12 cfm



Part No.	Size
MTS4593	1 Litre

HIGH PRESSURE AIR KIT

- All general purpose spray gun accessory kit comprising the following;
- High pressure, quality spray gun
- Body washing gun
- Tyre inflating gun with accurate gauge
- Air duster gun
- 5 metre recoil hose which fits all accessories
- Supplied with 3 x spare 1/4" nozzles



Part No.	Size
MTS4591	5 Piece

PAINT TANK + SPRAY GUN

- Portable spray painting unit
- Kit comprises tank, hose, gauge and spray gun
- Tank capacity 10 litres of paint
- Tank is pressurised from the compressor to aid paint delivery
- Equipped with safety valve operating at 5 bar to prevent over pressurisation
- Leak proof tank lid has 4 wing clamps to ensure effective seal



Specifications

Model		RAC1180
Free Type		Pressure
Standard Nozzle mm		1
Capacity of Tank Litres		10
Air Inlet (NPS)		1/4" BSP
AIR Hose (NPS)		10mm
Average Air Consumption	CFM	10
	LPM	283
Net Weight Kg		11
Work Air Pressure PSI		30-50
Work Air Pressure BAR		2,1-3,5
Packing		Each
Compressor HP (min.)		5,5
See Product Code		AIR2150

PARAFFIN SPRAY GUN

- Screw coupling
- 1 litre capacity
- Pressure 4-8 Bar
- Suitable for all types of liquid



Part No.	Size
HON8050	1 Litre

AIR DUSTER GUN

- A single action air tool which delivers a direct jet of compressed air
- Ideal for clearing debris and dust from the workpiece



Part No.	Pressure
MTS2430	4-8 Bar

BLOW GUN - 027600



- Used for cleaning carburettor jets, fuel lines, brake pipes
- Gun has an infinitely variable air flow with fingertip control
- Suitable for dispensing of some low viscosity fluids
- High velocity 100mm nozzle, cranked for easy access
- High impact resistant body
- Body threaded 1/4" BSP to accept a quick coupler if required

Part No.
SYK027600

TYRE INFLATING GUN



- Accurate gauge marked in PSI, kg/cm² and kPa with protective rubber shroud
- Deflating button
- Valve clip
- 400mm hose

Part No.	Pressure
MTS6400	0-12 Bar

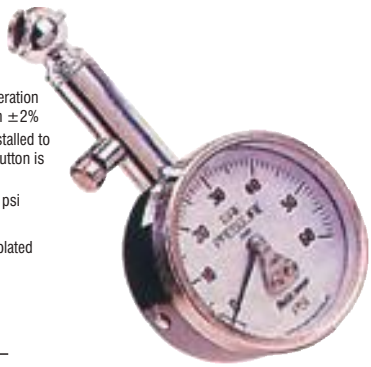
TYRE PRESSURE DIAL GAUGE - 660740



- An easy to read, shock protected dual scale gauge for cars and light commercial vehicles
- Manufactured in accordance with BS 4613

Code	Size
SYK660740	Length : 90mm Diameter : 62mm Scale : 0-3.5 bar

GAUGE - TYRE DIAL PRECISION - RT7/131B



- With Zinc Alloy angle chuck
- Super accurate, gearless operation elements for accuracy within ±2%
- With bleeder, check valve installed to hold pressure until bleeder button is pushed
- 50mm dial with indicator 60 psi
- Shock resistant
- Metal housing with chrome plated brass stem
- Easy to read and carry

Code	Size
RIC1430	60 PSI

MINI OILERS



- Used as an in-line oiler for air tools
- Fits directly to the tool

Code No.	Size
RAC7490	3/8" BSP
RAC7491	1/4 BSP

BRASS QUICK-FIT AIR COUPLER SET



- 5 piece solid brass fittings
- 3 x male connectors 1/4" BSP
- 1 x female connector 1/4" BSP
- 1 x quick coupler

Part No.	Size
HON0838	5 Piece

COMPRESSOR AIR HOSE + FITTINGS RUBBER



- Reinforced rubber hose
- Complete with fittings on both ends
- Fittings: 2 x ANI 0860 quick couplers
  1 x ANI1530 threaded nipple 1/4" BSP female
  1 x ANI1537 threaded nipple ¼" BSP male
- Operating temperature -40°C - +80°C
- Maximum pressure 20 BAR

Code No.	Size
DAR1140	6mm x 10m
DAR1145	8mm x 10m
DAR1150	10mm x 10m

COMPRESSOR AIR HOSE RUBBER



- Reinforced rubber hose
- Complete with fittings on both ends
- Operating temperature -40°C - +80°C
- Maximum pressure 20 BAR

Code No.	Size	Packing
DAR1100	6mm	100m Roll
DAR1110	8mm	100m Roll

Code No.	Size	Packing
DAR1115	10mm	100m Roll
DAR1120	13mm	60m Roll

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE



PART No.	DESCRIPTION/SIZE
ANI0560	Tail Piece Male Thread 1/4" BSP x 6mm 10/E
ANI0565	Tail Piece Male Thread 1/4" BSP x 8mm 10/E
ANI0566	Tail Piece Male Thread 1/4" BSP x 10mm 10/E
ANI0580	Tail Piece Male Thread 3/8" BSP x 6mm 10/E
ANI0585	Tail Piece Male Thread 3/8" BSP x 9mm 10/E



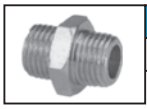
PART No.	DESCRIPTION/SIZE
ANI0600	Universal Quick Coupler 1/4" BSP Female 17/C
ANI0605	Universal Quick Coupler 3/8" BSP Female 17/D



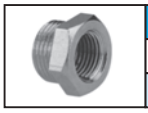
PART No.	DESCRIPTION/SIZE
ANI0620	Universal Quick Coupler 1/4" BSP Male 17/A
ANI0625	Universal Quick Coupler 3/8" BSP Male 17/B



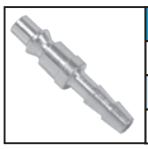
PART No.	DESCRIPTION/SIZE
ANI0850	Universal Quick Coupler + Tailpiece 6mm 17E
ANI0860	Universal Quick Coupler + Tailpiece 8mm 17E
ANI0870	Universal Quick Coupler + Tailpiece 10mm 17E



PART No.	DESCRIPTION/SIZE
ANI1405	Double Nipple 1/4" BSP x 1/4" BSP Male 33/N4



PART No.	DESCRIPTION/SIZE
ANI1470	Reducer Nipple 1/2' BSP Male-3/8" BSP Female 33/R15
ANI1500	Reducer Nipple 3/8" BSP BSP Male-1/4" Female 33/R10



PART No.	DESCRIPTION/SIZE
ANI1510	Tailpiece Nipple 6mm EUR/3
ANI1515	Tailpiece Nipple 8mm EUR/3
ANI1520	Tailpiece Nipple 10mm EUR/3



PART No.	DESCRIPTION/SIZE
ANI1530	Threaded Nipple 1/4" BSP Female EUR/2
ANI1533	Threaded Nipple 3/8" BSP Female EUR/2



PART No.	DESCRIPTION/SIZE
ANI1537	Threaded Nipple 1/4" BSP Male EUR/2
ANI1540	Threaded Nipple 1/2" BSP Male EUR/2
ANI1543	Threaded Nipple 3/8" BSP Male EUR/2



PART No.	DESCRIPTION/SIZE
ANI1160	Lubricator 1/4" BSP M/120/2



PART No.	
ANI1290	ANI1295
DESC./SIZE	
Manometer 100KPA P40D 1/8" BSP 0-16 Bar	Manometer 100KPA P50D 1/8" BSP 0-16 Bar



PART No.	
ANI1620	ANI1625
DESC./SIZE	
Regulator, Filter, Lubricator 1/4" BSP	Regulator, Filter, Lubricator 1/2" BSP



PART No.	
AIRS2030-004	AIRS2030-005
DESC./SIZE	
Regulator, Filter, 3/8" BSP (L)	Regulator, Filter, 1/2" BSP (L)



PART No.
ANI1600
DESC./SIZE
Regulator 1/4" BSP M/150/2



PART No.
ANI1235
DESC./SIZE
Regulator Filter 1/4"BSP M/140/2



PART No.
ANI1040
DESC./SIZE
Filter 1/4"BSP M 100/2

DEFINING AIR CONSUMPTION

A) Identify the tank capacity
B) Completely fill the tank
C) Measure the time taken for the pressure to fall from the maximum to a pressure 4 bars lower. (E.g. to fall from 10 to 6 bar)
D) Calculate the consumption using the formula **N**

$$N = \frac{V \times P}{t} \times 60 = L/min$$

V = tank capacity in litres
P = max/min pressure differential (min. advised value is 2 bar)
t = time required (in seconds) to go down from max to min pressure (while a plant is running)



To calculate the amount of air required **Q** (in L/min)

$$Q = \frac{AIR}{ß}$$

ß = MatAir range coefficient

Pressure range (bar)	10 - 8	8 - 6	6 - 4
Direct Drive	-	1,6	1,5
Belt Drive	1,6	1,5	1,4

N must never be Q

MAT AIR DIRECT DRIVE 24 LITRE SINGLE STAGE HOBBY COMPRESSOR

- Single cylinder, single stage compressor
- Lubricated coaxial compressor perfect for DIY use
- Cast iron cylinder
- Piston with compression rings with quick settings
- Air filter fitted to head
- On/Off pressure switch
- Pressure reducer with gauges
- Wheels and vibration-damping foot
- Overload protection of electric motor with manual reset
- Drain cock



Specifications

Part Number	Capacity (Litres)	Volts/ Phase	HP	Kw	Displacement L/Min.	Displacement CFM
AIR2000	24	220/1	2,0	1,5	195	7,0

FAD L/Min.	FAD CFM	BAR	PSI	RPM	Cylinder & Formation	Weight (Kg)
126	4,5	8	115	2850	1	26

MAT AIR DIRECT DRIVE 50 LITRE SINGLE STAGE HOBBY COMPRESSOR

- Single cylinder, single stage compressor
- Lubricated coaxial compressor perfect for DIY use
- Cast iron cylinder
- Piston with compression rings with quick settings
- Air filter fitted to head
- On/Off pressure switch
- Pressure reducer with gauges
- Wheels and vibration-damping foot
- Overload protection of electric motor with manual reset
- Drain cock



Specifications

Part Number	Capacity (Litres)	Volts/ Phase	HP	Kw	Displacement L/Min.	Displacement CFM
AIR2020	50	220/1	2,0	1,5	195	7,0

FAD L/Min.	FAD CFM	BAR	PSI	RPM	Cylinder & Formation	Weight (Kg)
126	4.5	8	115	2850	1	35

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

BELT DRIVE 100 LITRE SINGLE STAGE COMPRESSOR

- Suitable for craftsmen who need a compressor for professional use
- Piston compressor three cylinder 90°W placed single stage
- Splash lubrication, forced ventilation, cast iron cylinder, steel valve plate and steel valves
- Overload protection of electric motor with manual reset
- ON/OFF pressure Switch
- Pressure reducer with two cocks
- Condensate drain cock
- Ball line cock



Specifications

Part Number	Capacity (Litres)	Volts/ Phase	HP	Kw	Displacement L/Min.	Displacement CFM
AIR2030	100	220/1	2	1,5	195	7,0

FAD L/Min.	FAD CFM	BAR	PSI	RPM	Cylinder & Formation	Weight (Kg)
126	4,5	8	115	1050	2V	85

BELT DRIVE 100 LITRE SINGLE STAGE COMPRESSOR

- Suitable for craftsmen who need a compressor for professional use
- Piston compressor three cylinder 90°W placed single stage
- Splash lubrication, forced ventilation, cast iron cylinder, steel valve plate and steel valves
- Overload protection of electric motor with manual reset
- ON/OFF pressure Switch
- Pressure reducer with two cocks
- Condensate drain cock
- Ball line cock



Specifications

Part Number	Capacity (Litres)	Volts/ Phase	HP	Kw	Displacement L/Min.	Displacement CFM
AIR2050	100	220/1	3	2,2	385	11.2

FAD L/Min.	FAD CFM	BAR	PSI	RPM	Cylinder & Formation	Noise N²	Weight (Kg)
250	8,9	8	115	1050	2V	1	90

BELT DRIVE 150 LITRE SINGLE STAGE COMPRESSOR

- Suitable for craftsmen who need a compressor for professional use
- Piston compressor three cylinder 90°W placed single stage
- Splash lubrication, forced ventilation, cast iron cylinder, steel valve plate and steel valves
- Overload protection of electric motor with manual reset
- ON/OFF pressure Switch
- Pressure reducer with two cocks
- Condensate drain cock
- Ball line cock



Specifications

Part Number	Capacity (Litres)	Volts/ Phase	HP	Kw	Displacement L/Min.	Displacement CFM
AIR2070	150	220/1	3	2,2	385	11.2

FAD L/Min.	FAD CFM	BAR	PSI	RPM	Cylinder & Formation	Noise N²	Weight (Kg)
250	8,9	8	115	1050	2V	1	108

BELT DRIVE 200 LITRE SINGLE STAGE COMPRESSOR

- Suitable for craftsmen who need a compressor for professional use
- Piston compressor three cylinder 90°W placed single stage
- Splash lubrication, forced ventilation, cast iron cylinder, steel valve plate and steel valves
- Overload protection of electric motor with manual reset
- ON/OFF pressure Switch
- Pressure reducer with two cocks
- Condensate drain cock
- Ball line cock



Specifications

Part Number	Capacity (Litres)	Volts/ Phase	HP	Kw	Displacement L/Min.	Displacement CFM	FAD L/Min.	FAD CFM	BAR	PSI	RPM	Cylinder & Formation	Noise N²	Weight (Kg)
AIR2090	200	220/1	3	2,2	385	11.2	250	8,9	8	115	1050	2V	1	130

BELT DRIVE 250 LITRE SINGLE STAGE COMPRESSOR

- Suitable for craftsmen who need a compressor for professional use
- Piston compressor three cylinder 90°W placed single stage
- Splash lubrication, forced ventilation, cast iron cylinder, steel valve plate and steel valves
- Overload protection of electric motor with manual reset
- ON/OFF pressure Switch
- Pressure reducer with two cocks
- Condensate drain cock
- Ball line cock



Specifications

Part Number	Capacity (Litres)	Volts/ Phase	HP	Kw	Displacement L/Min.	Displacement CFM	FAD L/Min.	FAD CFM	BAR	PSI	RPM	Cylinder & Formation	Noise N²	Weight (Kg)
AIR2150	250	380/1	5,5	4,0	740	20,46	480	17	8	115	950	2V	1	169

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

BELT DRIVE 270 LITRE SINGLE STAGE COMPRESSOR

- Suitable for craftsmen who need a compressor for professional use
- Piston compressor three cylinder 90°W placed single stage
- Splash lubrication, forced ventilation, cast iron cylinder, steel valve plate and steel valves
- Overload protection of electric motor with manual reset
- ON/OFF pressure Switch
- Pressure reducer with two cocks
- Condensate drain cock
- Ball line cock



Specifications

Part Number	Capacity (Litres)	Volts/ Phase	HP	Kw	Displacement L/Min.	Displacement CFM	FAD L/Min.	FAD CFM	BAR	PSI	RPM	Cylinder & Formation	Noise N²	Weight (Kg)
AIR2180	270	380/3	7,5	5,5	925	25	600	21,42	8	115	950	3W	1	204

BELT DRIVE 300 LITRE SINGLE STAGE COMPRESSOR

- Suitable for craftsmen who need a compressor for professional use
- Piston compressor three cylinder 90°W placed single stage
- Splash lubrication, forced ventilation, cast iron cylinder, steel valve plate and steel valves
- Overload protection of electric motor with manual reset
- ON/OFF pressure Switch
- Pressure reducer with two cocks
- Condensate drain cock
- Ball line cock



Specifications

Part Number	Capacity (Litres)	Volts/ Phase	HP	Kw	Displacement L/Min.	Displacement CFM	FAD L/Min.	FAD CFM	BAR	PSI	RPM	Cylinder & Formation	Noise N²	Weight (Kg)
AIR2200	300	380/3	10	7,5	1385	36,75	900	32	8	115	830	3W	1	223

Taking Care Of Your Air Compressor For A Longer Life

Nothing at all stops an air compressor faster than the owner who doesn't read the owner's manual.

There's likely to be some simple tips inside too, that will help you to get good longevity out of your air compressor. Simple things to do which you would not have believed if you don't study it.

Plus, if you do not stick to the guidelines in your own compressor user manual there's an opportunity that you'll void your warranty.

As we know, air compressors are located in houses, small businesses, services stations and industry of all sizes. Their usage ranges from dust cleaning to hefty industry usage. These also play an important role within the correct operation of many tools.

Care & Attention:

Your receiver tank collects moisture from the air that it's compressing, particularly if you live in a humid climate or by the coast. Most tanks have a valve to allow draining of the moisture that accumulates and it's up to you to make certain that you drain frequently. **Before draining the water you should be sure to release the valve and the air pressure from the tanks.**

Verify all of your hoses periodically because they are the veins of the air compressor. If they turn out to be cracked or corroded they will quickly begin to leak and place undue stress on the rest of the compressors elements. **Check hoses regularly and change them if you find them cracked or broken.**

There should be a shutdown safety button, check this works regularly. The purpose of this technique is to shut off your compressor if it's heating up too much or if the engine's oil is getting a bit too low. This check will ensure an extended life for the compressor.

If you are running a compressor that uses oil you should check the level on a daily basis or before use to make sure that your machine is topped up. Changing this oil when due will make sure the compressor functions smoothly giving your machine a longer life.

If your heat exchangers are dirty then they cannot do their job, which is to lessen the working temperatures of your compressor. **Clean heat exchangers frequently.**

Air compressors are tools that take in air and then compress and store it in a compressed form in a tank. So another tip is to check the tank regularly for wear and tear. The tank has the capacity to withstand all the stress the air applies within it so it is very important to check it's integrity to prevent accidents.



By using ideas the above you'll ensure a long life for your compressor

A properly maintained air compressor will work smoothly for years to come, but only if the compressor is maintained. They are definitely an excellent tool to have for just about any occupation, trade or workshop.

Daily Maintenance:

You should drain moisture from your air compressor's tank on a daily basis. Bleed most of the air pressure from the tanks before opening the drain valves, allowing all moisture to drain from the tanks.

Weekly Maintenance:

Clean the air intake vents, and remove any obstructions. If your air compressor utilises an air filter, clean the air filter weekly, and replace when necessary. Check the oil level and top up to the manufacturer's recommended level with **Viscosity Grade100 oil**.

Monthly Maintenance:

Check the operation of the safety release valve. It should open and relieve air pressure and re-seat properly when closed with no leaks. Also check your electrical cords and hoses for any damage. Do not use your compressor if your electrical cord is damaged.

IMPORTANT

Do not use this compressor in conjunction With an extension lead





Do not switch off compressor at plug on wall.

Use pressure on/off switch to switch off compressor.



Check oil weekly top up if necessary
Check air filters and keep them clean
Change air filters regularly according to working environment

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

Automotive



Automotive

A comprehensive range of the world's best brands, suitable for the most demanding professional.

All products carry our full lifetime warranty and selected tools meet the standards of international tests and regulations.



Spanners



Sockets & Accessories



Socket Sets



Tool Kits



Testing Tools



Lubrication



Pullers & Compressors



Bottle & Scissor Jacks



Trolley Jacks



Transmission Jacks



Truck, Forklift & Pallet Jacks



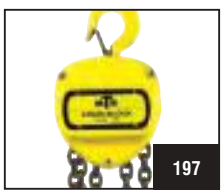
Trestles & Chocks



Pullers & Winches



Hydraulic Pumps



Hoists



Cranes



Presses



Battery Chargers & Jump Leads



Workshop Tools & Accessories

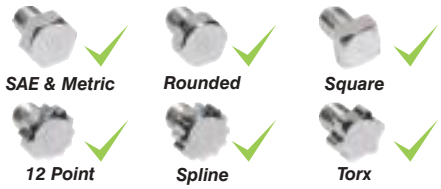


Bodyshop Tools

SUPER DRIVE COMBINATION SPANNERS

Super-Drive
One socket/spanner for every type of bolt!

- Super drive spanners are the only tool you need for all varieties of bolts
- Round is not the perfect shape, six sided and wedge shaped sockets will damage bolts and nuts when transferring high forces
- Super drive spanners have a unique profile which enables the use of spanners on metric, SAE, Torx®, spline and square shaped bolts and nuts
- Chrome vanadium steel, correctly hardened and tempered for maximum strength and durability
- Satin chrome plated for corrosion protection



One spanner for every type of bolt!



Code	Metric	Imperial	E. Nut	Ref.
RIC7790	6mm	1/4"	E8	25506H
RIC7791	7mm	9/32"	E9	25507H
RIC7792	8mm	5/16"	E10	25508H
RIC7793	9mm	11/32"	E11	25509H
RIC7794	10mm	3/8"	E12	25510H
RIC7795	11mm	7/16"	E14	25511H
RIC7796	12mm	15/32"	E14	25512H
RIC7797	13mm	1/2"	E16	25513H
RIC7798	14mm	9/16"	E18	25514H
RIC7799	15mm	19/32"	E18	25515H
RIC7800	16mm	5/8"	E20	25516H
RIC7801	17mm	21/32"	E20	25517H
RIC7802	18mm	11/16"	E22	25518H

Code	Metric	Imperial	E. Nut	Ref.
RIC7803	19mm	3/4"	E24	25519H
RIC7804	20mm	25/32"	E25	25520H
RIC7805	21mm	13/16"	E26	25521H
RIC7806	22mm	7/8"	E28	25522H
RIC7807	23mm	29/32"	E28	25523H
RIC7808	24mm	15/16"	E30	25524H
RIC7809	25mm	31/32"	E32	25525H
RIC7810	26mm	1"	E32	25526H
RIC7811	27mm	1 1/16"	E34	25527H
RIC7812	28mm	1 3/32"	E36	25528H
RIC7813	29mm	1 1/8"	E36	25529H
RIC7814	30mm	1 3/16"	E38	25530H
RIC7815	32mm	1 1/4"	E40	25532H

DIN 3122 DIN 3123 DIN 3124

DEEP OFFSET COMBINATION SPANNERS

- Professional quality, drop forged from chrome-vanadium steel
- Controlled heat treatment and tempering
- Precision machining and broaching
- Professional weight and balance
- Flat long handles with rounded edge satin-chrome plated with polished ends
- Open ends at 15˚ angle for working in confined areas and box ends have 45˚ angle offset for clearance over obstructions.




15° angle offset

DIN 3113

Code	Size	Ref.
RIC3606	6mm	25571C
RIC3607	7mm	25572C
RIC3608	8mm	25573C
RIC3609	9mm	25574C
RIC3610	10mm	25575C
RIC3611	11mm	25576C
RIC3612	12mm	25577C
RIC3613	13mm	25578C
RIC3614	14mm	25579C
RIC3615	15mm	25580C
RIC3616	16mm	25581C

Code	Size	Ref.
RIC3617	17mm	25582C
RIC3618	18mm	25583C
RIC3619	19mm	25584C
RIC3620	20mm	25585C
RIC3621	21mm	25586C
RIC3622	22mm	25587C
RIC3623	23mm	25588C
RIC3624	24mm	25589C
RIC3625	25mm	25590C
RIC3626	26mm	25591C
RIC3627	27mm	25592C

Code	Size	Ref.
RIC3628	28mm	25593C
RIC3629	29mm	227
RIC3630	30mm	25595
RIC3632	32mm	25597
RIC3633	33mm	227
RIC3634	34mm	227
RIC3636	36mm	227
RIC3641	41mm	227
RIC3642	46mm	227
RIC3643	50mm	227

COMBINATION SPANNER - OPEN BOX - 13



- AS-DRIVE
- DIN 3113 form A /ISO 7738 form A (metric sizes)
- Chrome Alloy Steel
- Chrome plated

Part No.	Size
STW40085500	5.5mm
STW40080606	6mm
STW40080707	7mm
STW40080808	8mm
STW40080909	9mm
STW40081010	10mm
STW40081111	11mm
STW40081212	12mm

Part No.	Size
STW40081313	13mm
STW40081414	14mm
STW40081515	15mm
STW40081616	16mm
STW40081717	17mm
STW40081818	18mm
STW40081919	19mm
STW40082020	20mm

Part No.	Size
STW40082121	21mm
STW40082323	23mm
STW40082424	24mm
STW40082525	25mm
STW40082626	26mm
STW40082727	27mm
STW40082828	28mm
STW40083030	30mm
STW40083232	32mm

Part No.	Size
STW40083434	34mm
STW40083636	36mm
STW40083838	38mm
STW40084141	41mm
STW40084646	46mm
STW40085050	50mm
STW40085555	55mm
STW40086060	60mm

COMBINATION SPANNER OPEN BOX - 16



•Specifications as above

Part No.	Size
STW40095050	5mm

SPANNER - COMBINATION OPEN BOX - 13A



- AS-DRIVE
- DIN 3113 form A /ISO 7738 form A (metric sizes)
- Chrome Alloy Steel
- Chrome plated

Part No.	Size
STW40481212	3/16"
STW40481414	7/32"
STW40481616	1/4"
STW40481818	9/32"
STW40482020	5/16"
STW40482222	11/32"
STW40482424	3/8"

Part No.	Size
STE40482828	7/16"
STW40483232	1/2"
STW40483434	9/16"
STW40483535	19/32"
STW40483636	5/8"
STW40483838	11/16"
STW40484040	3/4"

Part No.	Size
STW40484242	13/16"
STW40484444	7/8"
STW40484646	15/16"
STW40484848	1"
STW40485050	1 1/16"
STW40485252	1 1/8"
STW40485656	1 1/4"

Part No.	Size
STW40485858	1 5/16"
STW40486060	1 3/8"
STW40486262	1 7/16"
STW40486464	1 1/2"
STW40486666	1 5/8"
STW40487070	1 7/8"
STW40487272	2"

COMBINATION SPANNERS - 1B



- CHROME VANADIUM Steel - CrV3
- Chrome Plated, polished rings
- Rings – thin walled with deep offset
- UD profile
- Same size each end

Part No.	Size
GED600040	6mm
GED600059	7mm
GED600067	8mm
GED600075	9mm
GED600083	10mm
GED600091	11mm
GED600105	12mm
GED600113	13mm
GED600121	14mm
GED600148	15mm

Part No.	Size
GED600156	16mm
GED600164	17mm
GED600172	18mm
GED600180	19mm
GED600199	20mm
GED600202	21mm
GED600210	22mm
GED600229	23mm
GED600237	24mm
GED600245	25mm

Part No.	Size
GED600253	26mm
GED600261	27mm
GED600288	28mm
GED600296	29mm
GED600318	30mm
GED600326	32mm
GED600415	34mm
GED600342	36mm
GED002527	41mm
GED002528	46mm
GED002529	50mm

Part No.	Size
GED600512	1/4"
GED600520	5/16"
GED600539	3/8"
GED600547	7/16"
GED600555	1/2"
GED600563	9/16"
GED600571	5/8"
GED600598	11/16"
GED600601	3/4"

Part No.	Size
GED600628	13/16"
GED600636	7/8"
GED600644	15/16"
GED600652	1"
GED600660	1 1/16"
GED600679	1 1/8"
GED600687	1 1/4"
GED600695	1 5/16"
GED600709	1 3/8"
GED600725	1 1/2"-38mm

COMBINATION SPANNERS - 7



- CHROME VANADIUM steel - 31CrV3
- Chrome plated
- Polished rings
- Rings - thin walled with slight offset
- UD profile
- Same size on both ends

Part No.	Size
GED608955	6mm
GED608963	7mm
GED908971	8mm
GED608998	9mm
GED609005	10mm
GED609013	11mm

Part No.	Size
GED609021	12mm
GED609048	13mm
GED609056	14mm
GED609064	15mm
GED609161	16mm
GED609072	17mm

Part No.	Size
GED609188	18mm
GED609080	19mm
GED609196	20mm
GED609218	21mm
GED609099	22mm
GED609226	23mm
GED609102	24mm

Part No.	Size
GED609234	25mm
GED609242	26mm
GED609110	27mm
GED609250	28mm
GED609269	29mm
GED609129	30mm
GED609137	32mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

DEEP OFFSET COMBINATION SPANNER - SETS

- Professional quality, drop forged from chrome-vanadium steel
- Controlled heat treatment and tempering
- Precision machining and broaching
- Professional weight and balance
- Flat long handles with rounded edge satin-chrome plated with polished ends
- Open ends at 15˚angle for working in confined areas and box ends have 45˚angle offset for clearance over obstructions



15° angle offset

DIN 3113





SPANNER - COMBINATION SET 6 PC

- Contents:10, 12, 13, 14, 17, 19mm
- Supplied in vinyl storage pouch

Part No.	Size
RIC3644	6 pce

SPANNER - COMBINATION SET 8 PC

- Contents:10, 12, 13, 14, 17, 19, 22, 24mm
- Supplied in vinyl storage pouch

Part No.	Size
RIC3646	8 pce

SPANNER - COMBINATION SET 12 PC

- Contents 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32mm
- Supplied in vinyl storage pouch

Part No.	Size
RIC3648	12 pce

SPANNER - COMBINATION SET 17 PC

- Contents: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm
- Supplied in vinyl storage pouch

Part No.	Size
RIC3651	17 pce

SPANNER - COMBINATION SET 18 PC

- Contents: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24mm
- Supplied in vinyl storage pouch

Part No.	Size
RIC3647	18 pce

SPANNER - COMBINATION SET 26 PC

- Contents: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32mm
- Supplied in vinyl storage pouch

Part No.	Size
RIC3653	26 pce

COMBINATION SPANNER SET

- Chrome vanadium steel
- Attractive display hanger doubles up as a clever case and handle
- Contents: 6, 8, 10, 12, 13, 14, 15, 17, 19mm



Part No.	Size
MTS4584	9 pce

COMBINATION SPANNER SET 10 13/10KT

- AS-DRIVE
- DIN 3113 form A/ISO 7738 form A (metric sizes)
- Chrome Alloy Steel
- Chrome plated
- Contents: No.13: 8, 9, 10, 11, 12, 13, 14, 15, 17, 19mm



Part No.	Size
STW96400808	10 pce

COMBINATION SPANNER SET 26 PIECE - 13/26

- AS-Drive
- DIN 3113 form A /ISO 7738 form A (metric sizes)
- Chrome Alloy Steel
- Chrome plated
- Contents: No.13: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32mm



Part No.	Size
STW96400805	26 pce

COMBINATION SPANNER SET - IMPERIAL 10 PIECE - 13A10KT

- AS-Drive
- DIN 3113 form A /ISO 7738 form A (metric sizes)
- Chrome Alloy Steel
- Chrome plated
- Contents: 13A: 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"



Part No.	Size
STW96404812	10 pce

COMBINATION SPANNER SET - IMPERIAL 20 PIECE - 13A/20

- AS-Drive
- DIN 3113 form A /ISO 7738 form A (metric sizes)
- Chrome Alloy Steel
- Chrome plated
- Contents: 13A: 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4", 25/32", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"



Part No.	Size
STW96404804	20 pce

COMBINATION SPANNER - 6 PIECE SET 1B/06M

- CHROME VANADIUM Steel - CrV3
- Chrome Plated, polished rings
- Rings – thin walled with deep offset
- UD profile
- Same size each end
- Contents: 10, 11, 13, 14, 17 19mm
- Supplied in box



Part No.
GED601160

COMBINATION SPANNER - 13 PIECE SET 1B/13A

- CHROME VANADIUM Steel - CrV3
- Chrome Plated, polished rings
- Rings - thin walled with deep offset
- UD profile
- Same size each end
- Contents: 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"
- Supplied in box



Part No.
GED601179

COMBINATION SPANNER - 8 PIECE SET 1B/08M

- CHROME VANADIUM Steel - CrV3
- Chrome Plated, polished rings
- Rings - thin walled with deep offset
- UD profile
- Same size each end
- Contents: 10, 12, 13, 14, 17, 19, 22, 24mm
- Supplied in box



Part No.
GED601187

COMBINATION SPANNER - 17 PIECE SET 1B/017A

- CHROME VANADIUM Steel - CrV3
- Chrome Plated, polished rings
- Rings - thin walled with deep offset
- UD profile
- Same size each end
- Contents: 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, 1-3/16", 1-1/4"
- Supplied in box



Part No.
GED601209

COMBINATION SPANNER - 12 PIECE SET 1B/012M

- CHROME VANADIUM Steel - CrV3
- Chrome Plated, polished rings
- Rings - thin walled with deep offset
- UD profile
- Same size each end
- Contents: 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32mm
- Supplied in box



Part No.
GED601217

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

COMBINATION SPANNER - 17 PIECE SET 1B/17M

- CHROME VANADIUM Steel CrV3
- Chrome Plated, polished rings
- Rings thin walled with deep offset
- UD profile
- Same size each end
- Contents: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm
- Box



Part No.
GED601268

COMBINATION SPANNER - 26 PIECE SET 1B/26M

- CHROME VANADIUM Steel - CrV3
- Chrome Plated, polished rings
- Rings - thin walled with deep offset
- UD profile
- Same size each end
- Contents: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32mm
- Box



Part No.
GED601276

COMBINATION SPANNER - 18 PIECE SET 1B/18M

- CHROME VANADIUM Steel - CrV3
- Chrome Plated, polished rings
- Rings - thin walled with deep offset
- UD profile
- Same size each end
- Contents: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24mm
- Supplied in box



Part No.
GED601438

COMBINATION SPANNER - 17 PIECE SET 7/17M

- CHROME VANADIUM steel - 31CrV3
- Chrome plated
- Polished rings
- Rings thin walled with slight offset
- UD profile
- Same size on both ends
- Contents: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm



Part No.
GED609358

COMBINATION SPANNER - 26 PIECE SET 7/26M

- CHROME VANADIUM steel - 31CrV3
- Chrome plated with polished rings
- Rings - thin walled with slight offset
- UD profile
- Same size on both ends
- Contents: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32mm



Part No.
GED609374

COMBINATION SPANNER - 4 PIECE SET 1B/04M

- CHROME VANADIUM Steel - CrV3
- Chrome Plated, polished rings
- Rings - thin walled with deep offset
- UD profile
- Same size each end
- Contents: 10, 13, 17, 19mm
- In blister pack



Part No.
GED601152

SPANNER - DOUBLE OPEN ENDED - 10A

- DIN 3110, ISO 10102 (metric sizes)
- Chrome Alloy Steel
- Chrome plated



Part No.	Size
STW40431620	1/4" x 5/16"
STW40432024	5/16" x 3/8"
STW40432428	3/8" x 7/16"
STW40432832	7/16" x 1/2"
STW40433234	1/2" x 9/16'

Part No.	Size
STW40433436	9/16" x 5/8"
STW40433638	5/8" x 11/16"
STW40433640	5/8" x 3/4"
STW40434044	3/4" x 7/8"
STW40434142	25/32" x 13/16"

DOUBLE OPEN ENDED SPANNER - 6

- CHROME VANADIUM steel - 31CrvV3
- Chrome plated
- Polished shoulders
- Slim pattern
- Oval shaft



Part No.	Size	Part No.	Size	Part No.	Size	Part No.	Size
GED606383	6 x 7mm	GED606588	14 x 15mm	GED606685	20 x 22mm	GED606804	27 x 32mm
GED606421	8 x 9mm	GED606626	16 x 17mm	GED606707	21 x 23mm	GED606812	30 x 32mm
GED606448	8 x 10mm	GED606642	17 x 19mm	GED606731	24 x 26mm	GED606839	32 x 36mm
GED606472	10 x 11mm	GED606650	18 x 19mm	GED606758	24 x 27mm	GED004521	36 x 41mm
GED606537	12 x 13mm	GED606677	19 x 22mm	GED606774	25 x 28mm	GED004523	41 x 46mm

DOUBLE OPEN ENDED SPANNER 4 PIECE SET - 6/04M

- CHROME VANADIUM steel - 31CrvV3
- Chrome plated
- Polished shoulders
- Slim pattern
- Oval shaft
- Contents: 10 x 11, 12 x 13, 14 x 15, 16 x 17mm
- In blister pack





Part No.
GED607703

DOUBLE OPEN ENDED SPANNER 8 PIECE SET - 6/8M

- CHROME VANADIUM steel - 31CrvV3
- Chrome plated
- Polished shoulders
- Slim pattern
- Oval shaft
- Contents: 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22mm





Part No.
GED607738

DOUBLE OPEN ENDED SPANNER 10 PIECE SET - 6/10M

- CHROME VANADIUM steel - 31CrvV3
- Chrome plated
- Polished shoulders
- Slim pattern
- Oval shaft
- Contents: 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 27mm





Part No.
GED607754

DOUBLE OPEN ENDED SPANNER 12 PIECE SET - 6/12M

- CHROME VANADIUM steel - 31CrvV3
- Chrome plated
- Polished shoulders
- Slim pattern
- Oval shaft
- Contents: 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 26, 25 x 28, 27 x 32mm





Part No.
GED607770

SPANNER - SINGLE ENDED - 4004

- DIN 894
- Special tool steel
- Grey finish



Part No.	Size	Part No.	Size
STW40040240	24mm	STW40040550	55mm
STW40040360	36mm	STW40040600	60mm
STW40040410	41mm	STW40040665	65mm
STW40040460	46mm	STW40040700	70mm
STW40040500	50mm	STW40040750	75mm

SPANNER - DOUBLE ENDED RING - STARTER - 27

- AS-Drive
- ISO 3318
- Chrome Alloy Steel
- Chrome plated



Part No.	Size
STW41091012	10 x 12mm
STW41091113	11 x 13mm
STW41091416	14 x 16mm
STW41091417	14 x 17mm
STW41091517	15 x 17mm
STW41091922	19 x 22mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE



RING SPANNER - DOUBLE ENDED - 2

- CHROME VANADIUM steel - 31Crv3
- Chrome Plated, polished rings
- Rings - thin walled with deep offset
- UD profile



Part No.	Size	Part No.	Size	Part No.	Size
GED601535	6 x 7mm	GED601748	17 x 19mm	GED601853	24 x 30mm
GED601551	8 x 9mm	GED601756	18 x 19mm	GED601861	25 x 28mm
GED601594	10 x 11mm	GED601780	20 x 22mm	GED601918	27 x 32mm
GED601659	12 x 13mm	GED601799	19 x 24mm	GED601926	30 x 32mm
GED601691	14 x 15mm	GED601802	21 x 23mm	GED601934	30 x 36mm
GED601721	16 x 17mm	GED601837	24 x 26mm	GED601942	32 x 36mm

RING SPANNER DOUBLE ENDED SET 2/12M

- CHROME VANADIUM steel - 31Crv3
- Chrome Plated, polished rings
- Rings - thin walled with deep offset
- UD profile
- Contents: 6 x 7, 8 x 9, 10 x 11, 12 x13, 14 x 15, 16 x17, 18 x19, 20 x 22, 21 x 23, 24 x 26, 25 x 28, 27 x 32mm



Part No.
GED603090

RING SPANNER DOUBLE ENDED SET 2/8M

- CHROME VANADIUM steel - 31Crv3
- Chrome Plated, polished rings
- Rings - thin walled with deep offset
- UD profile
- Contents: 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22mm



Part No.
GED603058

SPANNER - HEAVY DUTY RING - 5

- Without tubular handle
- Chrome Alloy Steel
- Chrome plated



Part No.	Size	Part No.	Size	Part No.	Size
STW42020024	24mm	STW42020036	36mm	STW42020050	50mm
STW42020027	27mm	STW42020038	38mm	STW42020052	52mm
STW42020030	30mm	STW42020041	41mm	STW42020055	55mm
STW42020032	32mm	STW42020042	42mm	STW42020060	60mm
		STW42020046	46mm	STW42020065	65mm

TUBULAR HANDLE - 5 1/2

- For heavy duty ring spanners No5



Part No.	Size	No
STW48030001	24-30mm	5.1/2-1
STW48030002	32-42mm	5.1/2-2
STW48030003	45-56mm	5.1/2-3
STW48030004	60-100mm	5.1/2-4

SPANNER - DOUBLE ENDED OPEN RING - ANGLED - 24

- AS-Drive
- DIN 3118/ISO 3318 (metric sizes)
- Chrome Alloy Steel
- Chrome plated



Part No.	Size
STW41080810	8 x 10mm
STW41080911	9 x 11mm
STW41081011	10 x 11mm
STW41081012	10 x 12mm
STW41081113	11 x 13mm

Part No.	Size
STW41081214	12 x 14mm
STW41081417	14 x 17mm
STW41081719	17 x 19mm
STW41081922	19 x 22mm

Part No.	Size
STW41082224	22 x 24mm
STW41082427	24 x 27mm
STW41082736	27 x 36mm
STW41083032	30 x 32mm

SPANNER - FLARE NUT

- Expert quality manufactured to DIN 3117 specifications and GS approved No 77/94
- Drop forged from chrome vanadium steel
- Has split ring on both sides to fit over pipes
- Used for fuel and gas lines



Part No.	Size	Ref.
RIC3700	9 x 10mm	25383H
RIC3701	10 x 11mm	25384H
RIC3702	10 x 12mm	25385H
RIC3703	11 x 13mm	25386H
RIC3704	12 x 13mm	25387H

Part No.	Size	Ref.
RIC3705	12 x 14mm	25388H
RIC3706	13 x 14mm	25389H
RIC3707	17 x 19mm	25392H
RIC3708	19 x 22mm	25394H

SPANNER - COMBINATION SWIVEL HEAD WRENCH - 534

- CHROME VANADIUM steel – 31CRV3
- Same size socket and open end
- Polished socket head
- Slim Pattern



Part No.	Size
GED651206	10mm
GED651214	11mm
GED651222	12mm
GED651230	13mm
GED651249	14mm

Part No.	Size
GED651257	15mm
GED651265	16mm
GED651273	17mm
GED651516	18mm
GED651281	19mm

SPANNER - DOUBLE ENDED FLEXI-JOINT - 29

- AS-Drive
- Chrome Alloy Steel
- Chrome plated



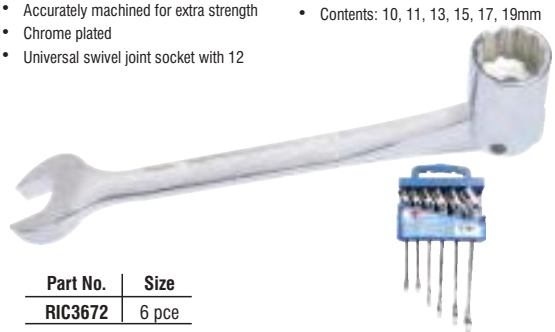
Part No.	Size
STW43010607	6 x 7mm
STW43010809	8 x 9mm
STW43011011	10 x 11mm

Part No.	Size
STW43011013	10 x 13mm
STW43011213	12 x 13mm
STW43011415	14 x 15mm
STW43011617	16 x 17mm

Part No.	Size
STW43011819	18 x 19mm
STW43012022	20 x 22mm
STW43012427	24 x 27mm
STW43013034	30 x 34mm

FLEXIBLE SOCKET - COMBINATION WRENCH SET - 6 PIECE - RT25/113D

- Drop forged from high quality chrome vanadium steel
- Accurately machined for extra strength
- Chrome plated
- Universal swivel joint socket with 12 point one end, open end flat on other
- Handy heavy duty set.
- Contents: 10, 11, 13, 15, 17, 19mm



Part No.	Size
RIC3672	6 pce

SPANNER - DOUBLE ENDED FLEXI JOINT SET 7 - 29/7

- AS-Drive
- Chrome Alloy Steel
- Chrome plated
- Contents: 29: 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22mm



Part No.	Size
STW96430101	7 pce

SPANNER - COMBINATION SWIVEL HEAD WRENCH - SET 6 - 534/6M

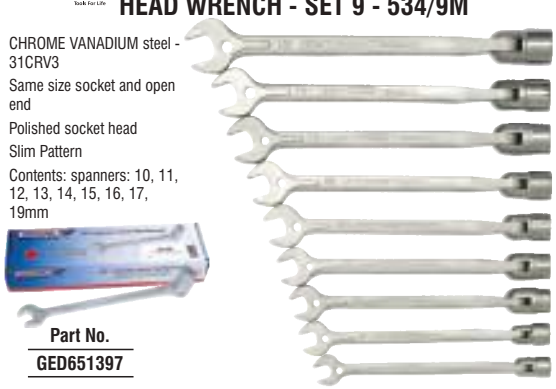
- CHROME VANADIUM steel - 31CRV3
- Same size socket and open end
- Polished socket head
- Slim Pattern
- Contents: spanners: 10, 12, 13, 14, 17, 19mm



Part No.
GED651389

SPANNER - COMBINATION SWIVEL HEAD WRENCH - SET 9 - 534/9M

- CHROME VANADIUM steel - 31CRV3
- Same size socket and open end
- Polished socket head
- Slim Pattern
- Contents: spanners: 10, 11, 12, 13, 14, 15, 16, 17, 19mm



Part No.
GED651397

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

RATCHET SPANNER SET - 5 PIECE
RT25/106D

- Heavy duty, offset type mechanic tool, permits working in tight spots
- Thumbs controlled reverses ratchet action
- Heavy duty laminated steel construction, correctly hardened and heat-treated
- Chrome plated
- 12 point opening
- Double ended ring
- Contents: 8 x 9, 10 x 11, 13 x 14, 15 x 17, 19 x 21mm



Part No.	Size
RIC3655	5 pce

RATCHET SPANNER SET - 7 PIECE
RT25/717



- Drop forged from chrome vanadium steel
- Heat treated and tempered to give greater strength and toughness
- 72 teeth gear ratcheting system provides high torque and small operating angles
- Special fine gear design only needs 5° of movement allows working even in very tight spaces
- Combination ring open end spanner
- Contents: 10, 12, 13, 14, 15, 17,19mm



Part No.	Size
RIC3656	7 pce

SPANNER - REVERSIBLE 72 TEETH

Super-Drive
One socket/spanner for every type of bolt!



- Offset ratchet spanner with quick change lever
- Manufactured to DIN3113 specifications
- Super drive spanners are the only tool you need for all varieties of bolts
- Round is not the perfect shape, six sided and wedge shaped sockets will damage bolts and nuts when transferring high forces
- Super drive spanners have a unique profile which enables the use of spanners on metric, SAE, Torx®, spline and square shaped bolts and nuts
- Chrome vanadium steel, correctly hardened and tempered for maximum strength and durability
- Satin chrome plated for corrosion protection

DIN 3113

Part No.	Metric	Imperial	E. Nut	Ref.
RIC7860	8mm	5/16"	E10	25741H
RIC7861	9mm	11/32"	E11	25742H
RIC7862	10mm	3/8"	E12	25743H
RIC7863	11mm	7/16"	E14	25744H
RIC7864	12mm	15/32"	E14	25745H
RIC7865	13mm	1/2"	E16	25746H

Part No.	Metric	Imperial	E. Nut	Ref.
RIC7866	14mm	9/16"	E18	25747H
RIC7867	15mm	19/32"	E18	25748H
RIC7868	16mm	5/8"	E20	25749H
RIC7869	17mm	21/32"	E20	25750H
RIC7870	18mm	11/16"	E22	25751H
RIC7871	19mm	3/4"	E24	25752H

GROZ tools to trust — SLOGGING RING SPANNER

- Drop forged from chrome vanadium steel
- These spanners are precisely hardened and tempered and have an attractive black powder coated finish
- The design incorporates a heavy duty hexagon pattern at one end with the other end being the striking end



Part No.	Size
GRO5535	24 mm
GRO5540	27 mm
GRO5545	30 mm
GRO5550	32 mm
GRO5560	36 mm
GRO5565	38 mm
GRO5570	41 mm
GRO5571	42 mm

Part No.	Size
GRO5575	46 mm
GRO5580	50 mm
GRO5585	55 mm
GRO5590	60 mm
GRO5595	65 mm
GRO5600	70 mm
GRO5602	75 mm
GRO5604	80 mm
GRO5606	85 mm

STAHLWILLE — SPANNER - STRIKING FACE RING - 4205

- DIN 7444
- Special Steel
- Grey finish

DIN 7444



Part No.	Size
STW42050024	24mm
STW42050026	26mm
STW42050027	27mm
STW42050028	28mm
STW42050030	30mm
STW42050032	32mm
STW42050033	33mm
STW42050036	36mm

Part No.	Size
STW42050037	37mm
STW42050038	38mm
STW42050041	41mm
STW42050042	42mm
STW42050046	46mm
STW42050048	48mm
STW42050050	50mm
STW42050052	52mm

Part No.	Size
STW42050055	55mm
STW42050056	56mm
STW42050060	60mm
STW42050064	64mm
STW42050065	65mm
STW42050070	70mm
STW42050075	75mm
STW42050080	80mm

Part No.	Size
STW42050085	85mm
STW42050090	90mm
STW42050095	95mm
STW42050100	100mm
STW42050105	105mm
STW42050110	110mm
STW42050115	115mm
STW42050120	120mm

SPANNER - STRIKING FACE RING - 8

- Chrome Alloy Steel
- Green painted



Part No.	Size
STW42010032	32mm
STW42010036	36mm
STW42010041	41mm
STW42010046	46mm

Part No.	Size
STW42010050	50mm
STW42010055	55mm
STW42010060	60mm
STW42010080	80mm
STW42010085	85mm

SPANNER - STRIKING FACE RING - 4205A

- DIN 7444
- Special Steel
- Grey finish

DIN 7444



Part No.	Size
STW42450056	1 1/4"
STW42450070	1 7/8"

SPANNER - STRIKING FACE OPEN END - 4204

- DIN 133
- Special Tool Steel
- Grey finish



DIN 133

Part No.	Size	Part No.	Size
STW42040027	27mm	STW42040055	55mm
STW42040030	30mm	STW42040060	60mm
STW42040032	32mm	STW42040065	65mm
STW42040036	36mm	STW42040070	70mm
STW42040041	41mm	STW42040075	75mm
STW42040046	46mm	STW42040085	85mm
STW42040050	50mm	STW42040090	90mm

GROZ TUBE SPANNERS

tools to trust

- Manufactured from high quality steel tubing, these double ended box wrenches have a different hex socket size on each end
- Thin and long body allows these to be used to loosen or tighten nuts and bolts in narrow recessed areas
- Box wrenches are used with a tommy bar which is passed through the holes provided in the sides of the wrench



Part No.	Size
GRO5650	6 x 7 mm
GRO5700	8 x 9 mm
GRO5705	10 x 11 mm
GRO5710	12 x 13 mm
GRO5715	14 x 15 mm
GRO5720	16 x 17 mm

Part No.	Size
GRO5725	18 x 19 mm
GRO5730	20 x 21 mm
GRO5735	22 x 23 mm
GRO5740	24 x 25 mm
GRO5745	26 x 27 mm

BOX SPANNER - 10750

- DIN 896 type B
- Made of seamlessly drawn precision steel tubing
- Recessed at both ends
- Chrome Alloy Steel
- Surface polished and Chrome plated

DIN 896



Part No.	Size	Length
STW43320607	6 x 7mm	110mm
STW43320809	8 x 9mm	110mm
STW43321011	10 x 11mm	120mm

Part No.	Size	Length
STW43321213	12 x 13mm	140mm
STW43321415	14 x 15mm	140mm
STW43321617	16 x 17mm	150mm

Part No.	Size	Length
STW43321719	17 x 19mm	160mm
STW43321819	18 x 19mm	160mm
STW43322022	20 x 22mm	170mm

TUBE SPANNER SET - 6 PIECE

- Double ended, 8 - 17mm high quality alloy steel
- Tommy bar included
- Contents: 8x10, 12x13, 14x15, 16x17mm



Part No.	Size
HON8058	6 pce

SPANNER - BOX – SET 7 PIECE RT6/507

- Heavy gauge steel cadmium plated tool set
- Hexagon socket ends with tommy bar
- Vinyl roll up wallet
- Contents: 8 x 9, 10 x11, 12 x13, 14 x15, 16 x17, 18 x19mm



Part No.	Size
RIC3675	7 pce

Automotive

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

GROZ tools to trust TUBE SPANNER SET - BA SERIES 8 PIECE

- Supplied with tommy bar
- Hexagon on both ends
- Contents: 0 x 1, 2 x 3, 4 x 5, 6 x 7, 8 x 9 & 10 BA (single ended)



Code
GRO5525

GROZ tools to trust TUBE SPANNER SET - 8 PIECE

- Supplied with 2 tommy bars
- Hexagon on both ends
- Contents: 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19 mm



Code
GRO5750

STAHLWILLE BOX SPANNER SET 7 PIECES - 10750/7

- DIN 896 type B
- Made of seamlessly drawn precision steel tubing
- Recessed at both ends
- Chrome Alloy Steel
- Surface polished and Chrome plated
- Contents: 10750:
- 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22mm



Part No.	Size
STW96431201	7 pce

STAHLWILLE BOX SPANNER SET 11 PIECES - 10750/11

- DIN 896 type B
- Made of seamlessly drawn precision steel tubing
- Recessed at both ends
- Chrome Alloy Steel
- Surface polished and Chrome plated
- Contents 10750
- 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 27, 30 x 32mm



Part No.	Size
STW96431204	11 pce

MTS 2-IN-1 COMBINATION SPARK PLUG SPANNER

- Patented 2-in-1 spark plug tool for 16 and 21mm spark plugs
- Automatically snap on the plugs
- Swivel action head has a flexible spring to keep right direction steady

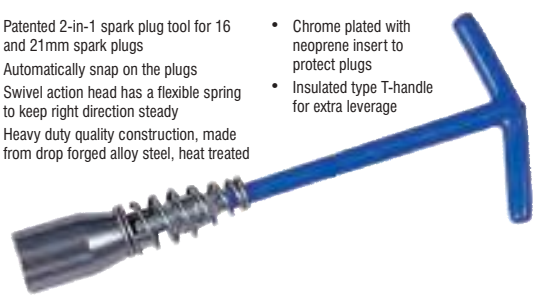


Part No.	Size
HON8057	16 / 21mm

2in1 16 + 21

RACO SPANNER - SPARK PLUG COMBO 2-IN-1 RT6/515B

- Patented 2-in-1 spark plug tool for 16 and 21mm spark plugs
- Automatically snap on the plugs
- Swivel action head has a flexible spring to keep right direction steady
- Heavy duty quality construction, made from drop forged alloy steel, heat treated
- Chrome plated with neoprene insert to protect plugs
- Insulated type T-handle for extra leverage



Part No.	Size
RIC3657	16/21mm

2in1 16 + 21

RACO SPARK PLUG SPANNER - RT6/512B

- Swivel action socket with rubber insert grips tightly
- Drop forged alloy steel, chrome plated
- Vinyl cushion grip T handle



Part No.	Size
RIC3660	16mm

RACO SPARK PLUG SPANNER - RT6/511B

- Swivel action socket with rubber insert grips tightly
- Drop forged alloy steel, chrome plated
- Vinyl cushion grip T handle



Part No.	Size
RIC3665	21mm

SPARK PLUG SPANNER - MAGNETIC RT6/517C

- High torque socket with flank drive, manufactured from high quality chrome vanadium steel
- Chrome plated recess with power magnetic holder to give safe and securing grips
- Flexible head contoured "T" type handle of chrome vanadium steel
- Soft grip for extra leverage and comfort operating



Part No.	Size	Length
RIC3668	16mm	350mm

SPARK PLUG SPANNER - MAGNETIC RT6/518C

- High torque socket with flank drive, manufactured from high quality chrome vanadium steel
- Chrome plated recess with power magnetic holder to give safe and securing grips
- Flexible head contoured "T" type handle of chrome vanadium steel
- Soft grip for extra leverage and comfort operating



Part No.	Size	Length
RIC3669	21mm	350mm

SPARK PLUG TOOL SET 3/8" DRIVE MAGNETIC 3 PIECE - RT6/519C

- High torque socket with flank drive, manufactured from high quality chrome vanadium steel
- Chrome plated recess with power magnetic holder to give safe and securing grips
- 3/8" drive contoured "T" type handle of chrome vanadium steel
- Soft grip for extra leverage and comfortable operation
- Contents: 3/8" drive sockets 16, 21mm



Part No.	Length
RIC3667	290mm

TUBULAR SPARK PLUG SOCKET - 1042

- Extra-long spark plug socket
- Knurled end for finger turning
- 16mm-5/8" x 270mm



Part No.	Size
STW02230016	16mm

SPARK PLUG SPANNER & T BAR - 58

- CHROME VANADIUM steel 31CrV3
- Hot-forged socket head with plug retainer, swivel joint
- Chrome plated



Part No.	Size
GED636347	16 x 301mm

SPARK PLUG SPANNER & T BAR - 58

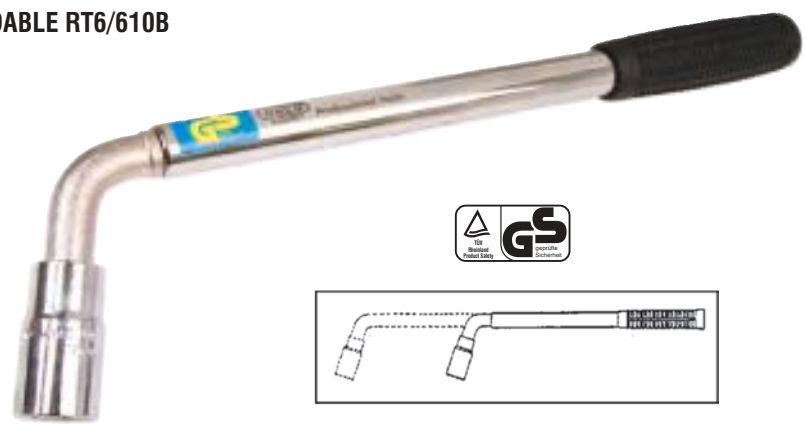
- CHROME VANADIUM steel 31CrV3
- Hot-forged socket head with plug retainer, swivel joint
- Chrome plated



Part No.	Size
GED636312	20.8 x 500mm

WHEEL SPANNER - EXTENDABLE RT6/610B

- Manufactured to DIN standards with GS quality approval
- A useful tool for removing wheel nuts quickly and easily with one hand
- This extendable spanner is ideal for loosening stubborn nuts in the fully extended position (550mm)
- Tightening nuts without stripping in the closed position (400mm)
- High torque steel shaft has 1/2" drive with a 45º angle end
- Can be used with any 1/2" drive accessories for high torque applications



Part No.	Size
RIC3680	19x21mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

GROZ tools to trust WHEEL SPANNER - DOUBLE ENDED

- Heavy duty, double ended wheel spanner
- High grade alloy steel
- Rust preventing bright nickle finish
- **Supplied without tommy bar**
- Spare tommy bars are available



Code	Size
GRO5970	24 x 27 mm
GRO6000	27 x 30 mm
GRO6020	27 x 32 mm

Code	Size
GRO6040	27 x 33 mm
GRO6070	30 x 32 mm
GRO6075	30 x 33 mm
GRO6080	32 x 38 mm
GRO6090	38 x 21 Sq.
GRO6095	41 x 21 Sq.

GROZ tools to trust TOMMY BAR -FOR WHEEL SPANNER

- Heavy duty tommy bar
- Used with double ended wheel spanner
- High grade alloy steel
- Rust preventing bright nickle finish



Code	Size
GRO6120	430mm

GEDORE WHEEL SOCKET WRENCH - TRUCKS - 27

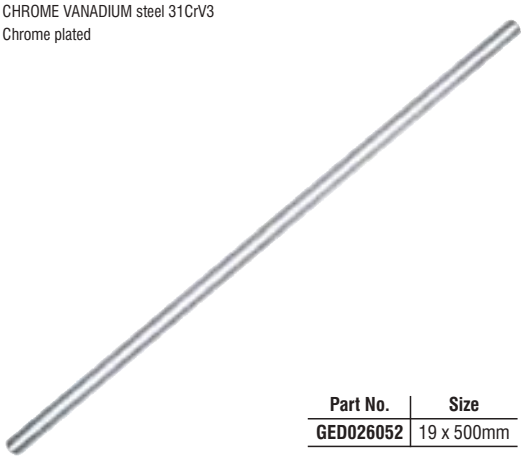
- CHROME VANADIUM steel 31CrV3
- Chrome plated



Part No.	Size
GED026150	27 x 30mm

GEDORE WHEEL SOCKET WRENCH – TRUCKS - SPARE BAR 27D/35D

- CHROME VANADIUM steel 31CrV3
- Chrome plated



Part No.	Size
GED026052	19 x 500mm

BRITO WHEEL SPANNER - HEAVY DUTY

- Sockets are made from best grade chrome vanadium steel
- Hardened and heat treated to ensure that they are normalised and non warping
- Heavy double ended sockets
- Extra thick shaft
- Uses Tommy Bar heavy duty (Extra)

Part No.	Size
BRI9200	24x27mm
BRI9205	27x30mm
BRI9210	27x32mm
BRI9215	27x33mm
BRI9220	30x32mm
BRI9225	30x33mm
BRI9235	38x21mm
BRI9240	41x21mm



BRITO WHEEL SPANNER - TOMMY BAR

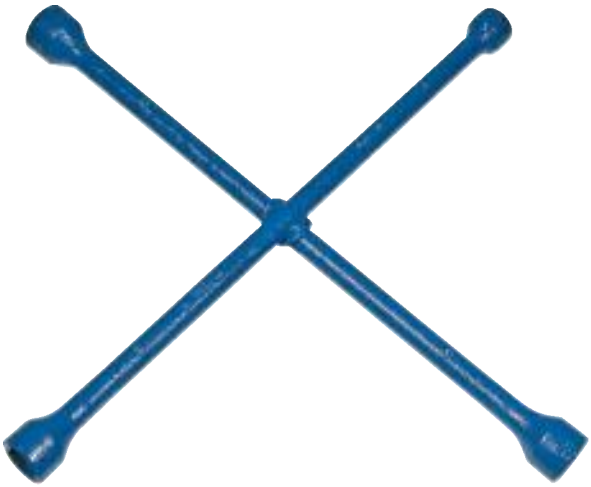
- Heavy duty
- Same quality as the Brito Impact sockets
- Extra thick shaft
- Use on all wheel spanners



Part No.	Size
BRI9260	500x20mm

4-WAY WHEEL WRENCH - 28PU

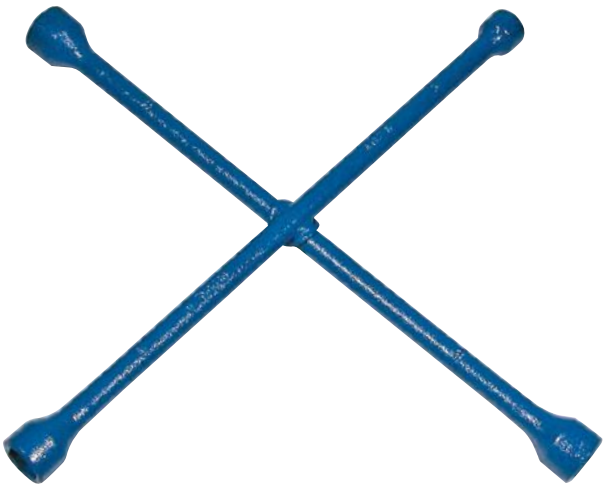
- CHROME VANADIUM steel 31CrV3
- Blue epoxy powder coated



Part No.	Size
GED622761	17x19mm & 21x22mm

4-WAY WHEEL WRENCH - 28CV

- CHROME VANADIUM steel 31CrV3
- Blue epoxy powder coated



Part No.	Size
GED622869	19x20mm & 24x27mm

UNIVERSAL KEY - ELECTRICAL - 4 WAY

- Multipurpose - electrical panels, gas, etc
- Made from die cast zinc
- Ideal for maintenance work
- Double Bit
- 8mm Triangle Female
- 6mm Square Female
- 8mm Square Female



Code	Size
BTH0500	-

SPANNER - ADJUSTABLE HOOK - 12910

- For slotted nuts as per DIN 1810



Part No.	Size	No
STW44010001	20-42mm	12910/1
STW44010002	45-90mm	12910/2
STW44010003	95-165mm	12910/3



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

the Raco System







Hardened chrome vanadium steel with satin peened surface for anti-corrosion

12 point Bi-Hex flank drive sockets drive nut on the sides without distortion even on rusty parts

Quick release mechanism secures sockets on the square drive

Quick switch from clockwise to anti-clockwise

72 tooth ratchet allows for 5 degrees working arc in confined spaces

RACO PROFESSIONAL QUALITY CHROME VANADIUM SOCKETS

- Expert, professional quality sockets manufactured to ***DIN 3120*** & ***DIN 3124*** specifications from chrome vanadium steel, correctly hardened and tempered for maximum strength
- Chamfered ends allow for positive location and entry
- Professional satin chrome finish for maximum corrosion protection
- All sockets are packaged on a convenient plastic hanger with clear markings

DIN 3120 DIN 3124

Raco Super-Drive

Streaks ahead in cost-cutting action, the Raco Super Drive Socket/Spanner is the only tool you need for all varieties of bolts. Round is not the perfect shape, six sided and wedge shaped sockets will damage bolts and nuts when transferring high forces.

The rings of the RACO® Super Drive combination spanner have a unique profile which enables the use of the spanner on Metric, SAE, Torx, Spline and Square shaped bolts and nuts.



Super-Drive

One socket/spanner for every type of bolt!

HEX SOCKET - 1/4" DRIVE

- Manufactured to DIN 3124
- Manufactured from chrome vanadium steel
- Hardened and tempered for maximum strength
- Chamfered ends allow positive nut location and entry
- Satin chrome plated for corrosion protection



Code	Size	Ref.	Code	Size	Ref.	Code	Size	Ref.
RIC7580	4mm	5V232	RIC7588	6mm	5V236	RIC7596	10mm	5V240
RIC7582	4.5mm	5V233	RIC7590	7mm	5V237	RIC7598	11mm	5V241
RIC7584	5mm	5V234	RIC7592	8mm	5V238	RIC7600	12mm	5V242
RIC7586	5.5mm	5V235	RIC7594	9mm	5V238	RIC7602	13mm	5V244
						RIC7604	14mm	5V245

HEX SOCKET - 1/4" DRIVE - 40

1/4"

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them



Code	Size	Code	Size	Code	Size
STW01010005	5mm	STW01010009	9mm	STW01010012	12mm
STW01010055	5.5mm	STW01010011	11mm	STW01010014	14mm
STW01010007	7mm				



HEX SOCKET - 1/4" DRIVE - 40A

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them



Code	Size	Code	Size	Code	Size
STW01410012	3/16"	STW01410020	5/16"AF	STW01410028	7/16"
STW01410014	7/32"	STW01410022	11/32"	STW01410032	1/2"
STW01410016	1/4"	STW01410024	3/8"AF	STW01410034	9/16"

HEX SOCKET - 1/4" DRIVE - LONG

- Manufactured to DIN 3124
- Manufactured from chrome vanadium steel
- Hardened and tempered for maximum strength
- Chamfered ends allow positive nut location and entry
- Satin chrome plated for corrosion protection



Code	Size	Ref.	Code	Size	Ref.	Code	Size	Ref.
RIC7610	5mm	4V223	RIC7614	8mm	4V227	RIC7617	11mm	4V230
RIC7611	5,5mm	4V224	RIC7615	9mm	4V228	RIC7648	12mm	4V231
RIC7612	6mm	4V225	RIC7616	10mm	4V229	RIC7619	13mm	4V232
RIC7613	7mm	4V226						

HEX SOCKET - 1/4" DRIVE - LONG - 40L

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them



Code	Size	Code	Size	Code	Size
STW01020055	5.5mm	STW01020010	10mm	STW01020012	12mm
STW01020007	7mm	STW01020011	11mm	STW01020013	13mm
STW01020008	8mm				

SOCKET TORX - 1/4" DRIVE

- Expert professional quality socket
- Manufactured to DIN 3120 specifications
- Manufactured from Chrome vanadium steel with high quality S2 screwdriver head
- Correctly hardened and tempered and precision machined to deliver maximum turning power
- Satin chrome plated for corrosion protection
- Length 32mm



Code	Size	Ref.	Code	Size	Ref.	Code	Size	Ref.
RIC7355	T8	5V121	RIC7357	T15	5V123	RIC7360	T27	5V126
RIC7356	T10	5V122	RIC7358	T20	5V124	RIC7361	T30	5V127
			RIC7359	T25	5V125	RIC7362	T40	5V128

TORX® SOCKET - 1/4" DRIVE - 40TX

- For external TORX® screws
- HPQ high performance steel
- Chrome plated



Code	Size	Code	Size	Code	Size
STW01270006	E6	STW01270008	E8	STW01270010	E10

ALLENKEY SOCKET - 1/4" DRIVE

- Expert professional quality socket
- Manufactured to DIN 3120 specifications
- Manufactured from Chrome vanadium steel with high quality S2 screwdriver head
- Correctly hardened and tempered and precision machined to deliver maximum turning power
- Satin chrome plated for corrosion protection
- Length 32mm



Code	Size	Ref.	Code	Size	Ref.	Code	Size	Ref.
RIC7343	3mm	5V061	RIC7345	5mm	5V063	RIC7348	8mm	5V065
RIC7344	4mm	5V062	RIC7346	6mm	5V064	RIC7349	10mm	5V066

INHEX SOCKET - 1/4" DRIVE 44

- For socket head screws
- DIN 7422
- Chrome Alloy steel
- Length 30mm



Code	Size	Code	Size	Code	Size
STW01050003	3mm	STW01050005	5mm	STW01050006	6mm
STW01050004	4mm				

ADAPTOR - 1/4" DRIVE - 5V275

- Manufactured from Chrome Vanadium steel, hardened and tempered
- for maximum strength and durability
- Manufactured to DIN3122 & 3123
- Square drive incorporates spring loaded retaining ball for securing sockets
- Satin chrome plated for corrosion protection



Code	Size
RIC7530	1/4"F - 3/8"M

REDUCER (ADAPTOR) - 1/4" DRIVE

- DIN 3123/ISO 3316
- HPQ HIGH PERFORMANCE STEEL
- Chrome plated
- 1/4" socket x 3/8" plug (6.3 x 10)



Code	Ref	Length
STW11030002	409	25mm

REDUCER (ADAPTOR) 1/4" DRIVE

- DIN 3123/ISO 3316
- HPQ HIGH PERFORMANCE STEEL
- Chrome plated
- 1/4" socket x 1/2" plug (6.3 x 12.5)



Code	Ref	Length
STW11030003	410	28mm

UNIVERSAL JOINT - 1/4" DRIVE - 5V273

- Manufactured to DIN3122 & 3123
- Manufactured from chrome vanadium steel
- Satin chrome plated for corrosion protection
- Correctly hardened and tempered for max. strength and durability
- Square drive incorporates spring loaded retaining ball for secure socket holding



Code	Size
RIC7980	1/4" x 40mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

UNIVERSAL JOINT 1/4" DRIVE

- DIN 3123/ISO 3316
- Chrome alloy steel
- Chrome plated



Code	Ref	Length
STW11020000	407	37mm

EXTENSIONS - 1/4" DRIVE

- Manufactured to DIN3122 & 3123
- Manufactured from chrome vanadium steel
- Correctly hardened and tempered for maximum strength and durability
- Square drive incorporates spring loaded retaining ball for secure socket holding
- Satin chrome plated for corrosion protection



Code	Size	Ref.
RIC7400	1/4" x 50mm	5V252T
RIC7405	1/4" x 150mm	5V254

EXTENSIONS 1/4" DRIVE

- Manufactured to DIN 3123/ISO 3316
- Forged from Finest quality steel



Code	Ref	Length
STW11010001	405/2	54mm
STW11010002	405/6	150mm
STW11010014	405/14	356mm

SLIDING T-BAR - 1/4" DRIVE - 5V251

- Manufactured to DIN3122 & 3123
- Manufactured from chrome vanadium steel
- Correctly hardened and tempered for maximum strength and durability
- Square drive incorporates spring loaded retaining ball for secure socket holding
- Satin chrome plated for corrosion protection



Code	Size
RIC7950	1/4" x 115mm

SLIDING T-HANDLE - 1/4" DRIVE

- DIN 3122ISO 3315
- Chrome alloy steel
- Chrome plated



Code	Ref	Length
STW11070000	404	116mm

REVERSIBLE RATCHET - 1/4" DRIVE - 72 TEETH 5V293

- High torque, manufactured to DIN 3122 specification
- Dropped forged from one piece chrome vanadium steel
- Heat treated to obtain maximum hardness and precision machined
- for rugged strength and dependability
- Reversible 72 teeth heavy duty ratchet mechanism with quick release
- and quick changeover lever
- Satin finish







Code	Size
RIC7500	1/4"Dr x 150mm

POWER BAR (FLEXIBLE HANDLE) 1/4" DRIVE

- Manufactured to DIN 3122/ISO 3315
- Forged from Finest quality steel
- With 2-component handle



Code	Ref	Length
STW11061010	403	154.5mm

SPINNER HANDLE - 1/4" DRIVE - 5V241

- Additional ¼" Drive in end of handle
- High impact plastic handle
- Chrome Vanadium steel, tempered and hardened



Code	Size
RIC7455	1/4" x 150mm

DRIVE HANDLE - 1/4" DRIVE

- DIN 3122/ISO 3315 specification
- Manufactured from chrome alloy steel
- Chrome plated
- With 2-component handle



Code	Ref	Length
STW11050010	400	150mm
STW11050002	401	230mm

BI-HEX SOCKETS - 3/8" DRIVE

- Manufactured to DIN 3124
- Manufactured from chrome vanadium steel
- Hardened and tempered for maximum strength
- Chamfered ends allow positive nut location and entry
- Satin chrome plated for corrosion protection



Code	Size	Ref.
RIC7650	6mm	5V330T
RIC7651	7mm	5V331T
RIC7652	8mm	5V332T
RIC7653	9mm	5V333T
RIC7654	10mm	5V334T

Code	Size	Ref.
RIC7655	11mm	5V335T
RIC7656	12mm	5V336T
RIC7657	13mm	5V337T
RIC7658	14mm	5V338T

Code	Size	Ref.
RIC7659	15mm	5V339T
RIC7661	17mm	5V341T
RIC7663	19mm	5V343T
RIC7664	22mm	5V345T

SUPER DRIVE SOCKETS - 3/8" DRIVE

Super-Drive



- Super drive socket is the only tool you need for all varieties of bolts
- Round is not the perfect shape, six sided and wedge shaped sockets will damage bolts and nuts when transferring high forces
- Super drive sockets have a unique profile which enables the use of sockets on metric, SAE, Torx®, spline and square shaped bolts and nuts
- Chrome vanadium steel, correctly hardened and tempered for maximum strength and durability
- Satin chrome plated for corrosion protection

Code	Metric	Imp.	E.Nut	Ref.
RIC7740	6mm	1/4"	E8	4V351H
RIC7741	7mm	9/32"	E9	4V352H
RIC7742	8mm	5/16"	E10	4V353H
RIC7743	9mm	11/32"	E11	4V354H
RIC7744	10mm	3/8"	E12	4V355H
RIC7745	11mm	7/16"	E14	4V356H
RIC7746	12mm	15/32"	E14	4V357H

Code	Metric	Imp.	E.Nut	Ref.
RIC7747	13mm	1/2"	E16	4V358H
RIC7748	14mm	9/16"	E18	4V359H
RIC7749	15mm	19/32"	E18	4V360H
RIC7750	16mm	5/8"	E20	4V361H
RIC7751	17mm	21/32"	E20	4V362H
RIC7752	18mm	11/16"	E22	4V363H
RIC7753	19mm	3/4"	E24	4V364H

BI-HEX SOCKETS - 3/8" DRIVE - 45

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them



Code	Size
STW02010008	8mm
STW02010009	9mm
STW02010010	10mm

Code	Size
STW02010011	11mm
STW02010013	13mm
STW02010014	14mm

Code	Size
STW02010016	16mm
STW02010017	17mm
STW02010018	18mm

BI-HEX DEEP SOCKETS - 3/8" DRIVE - 46

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them



Code	Size
STW02020008	8mm
STW02020010	10mm
STW02020011	11mm

Code	Size
STW02020012	12mm
STW02020013	13mm
STW02020014	14mm

Code	Size
STW02020017	17mm
STW02020208	20.8mm

HEX SOCKETS - 3/8" DRIVE - 30

- For manually operated sockets with thin walls and knurled base
- CHROME VANADIUM steel 31CrV3
- Chrome plated and polished



Code	Size
GED623016	6mm
GED623024	7mm
GED623032	8mm
GED623040	9mm

Code	Size
GED623059	10mm
GED623210	1/4"
GED623253	3/8"

BI-HEX SOCKETS - 3/8" DRIVE - D30

- For manually operated sockets with thin walls and knurled base
- CHROME VANADIUM steel 31CrV3
- Chrome plated and polished



Code	Size
GED623067	11mm
GED623075	12mm
GED623083	13mm

Code	Size
GED623091	14mm
GED623105	15mm
GED623113	16mm
GED623121	17mm

Code	Size
GED623148	18mm
GED623156	19mm
GED623164	20mm
GED623180	22mm

BI-HEX DEEP SOCKETS - 3/8" DRIVE - 46A

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them



Code	Size
STW02420032	1/2"
STW02420034	9/16"
STW02420040	3/4"

SPARK PLUG SOCKETS - 3/8" DRIVE

- With flank drive
- Manufactured to high quality standards from chrome vanadium steel hardened and tempered for maximum strength
- Professional look two colour satin chrome finish
- Fitted with rubber plug protection insert



Code	Size	Ref.
RIC7621	3/8" x 14mm	4V372
RIC7620	3/8" x 16mm	6V501B
RIC7622	3/8" x 21mm	6V502B

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE



STAHLWILLE SOCKET - INHEX 3/8"DRIVE - 49

- For socket head screws
- DIN7422
- Chrome Alloy steel
- Chrome plated



Code	Size	Code	Size	Code	Size
STW02050003	3mm	STW02050005	5mm	STW02050007	7mm
STW02050004	4mm	STW02050006	6mm	STW02050008	8mm
				STW02050010	10mm

STAHLWILLE SOCKET - INHEX 3/8"DRIVE - 49A

- For socket head screws
- DIN7422
- Chrome Alloy steel
- Chrome plated



Code	Size	Code	Size	Code	Size
STW02450014	7/32"	STW02450016	1/4"	STW02450024	3/8"

GEDORE SOCKET WITH HEXAGON INSERT BIT 3/8" DRIVE - IN30

- For hexagon head screws
- Manually operated sockets with knurled base
- Sockets - Chrome Vanadium steel - 31CrV3
- Bits - Chrome vanadium steel - 59CrV4



Code	Size	Length
GED624101	4mm	28mm
GED624128	5mm	28mm
GED624136	6mm	28mm
GED624144	8mm	28mm
GED624292	10mm	28mm

RACO ADAPTOR - 3/8" DRIVE

- Manufactured from Chrome Vanadium steel, hardened and tempered
- for maximum strength and durability
- Manufactured to DIN3122 & 3123
- Square drive incorporates spring loaded retaining ball for securing sockets
- Satin chrome plated for corrosion protection



Code	Size	Ref.
RIC7535	3/8"F - 1/4"M	5V375
RIC7536	3/8"F - 1/2"M	5V376

STAHLWILLE REDUCER (ADAPTOR) - 3/8" DRIVE

- DIN 3123/ISO 3316
- HPQ High performance steel
- Chrome plated
- 3/8" socket x 1/4" plug (10 x 6.3)
- Maximum torque 62Nm



Code	Ref	Length
STW12030001	431	28mm

STAHLWILLE REDUCER (ADAPTOR) - 3/8" DRIVE

- DIN 3123/ISO 3316
- HPQ High performance steel
- Chrome plated
- 3/8" socket x 1/2" plug (10 x 12.5)



Code	Ref	Length
STW12030003	432	31mm

GEDORE REDUCER - 3020 - 3/8" DRIVE

- For manually operated sockets and accessories with 3/8" square drive
- CHROME VANADIUM steel 31CrV3
- 3/8" female to 1/4" male



Code	Length
GED623628	28mm

GEDORE CONVERTER - 3019 - 3/8" DRIVE

- For manually operated sockets and accessories with 3/8" square drive
- CHROME VANADIUM steel 31CrV3
- 3/8" female to 1/2" male



Code	Length
GED623601	36mm

UNIVERSAL JOINT - 3/8" DRIVE - 5V373

- Manufactured to DIN3122 & 3123
- Manufactured from chrome vanadium steel
- Correctly hardened and tempered for maximum strength and durability
- Square drive incorporates spring loaded retaining ball for secure socket holding
- Satin chrome plated for corrosion protection



Code	Size
RIC7982	3/8" x 50mm

UNIVERSAL JOINT - 3/8" DRIVE

- DIN 3123/ISO 3316
- Chrome alloy steel
- Chrome plated



Code	Ref	Length
STW12020000	428	46mm

UNIVERSAL JOINT - 3095 - 3/8" DRIVE

- For manually operated sockets and accessories with 3/8" square drive
- CHROME VANADIUM steel – 31CrV3 & 59CrV4



Code	Length
GED623814	54mm

COUPLER - 3094 - 3/8" DRIVE

- For manually operated sockets and accessories with 3/8" square drive
- CHROME VANADIUM steel 59CrV4



Code	Length
GED623776	29mm

EXTENSIONS - 3/8" DRIVE

- Manufactured to DIN3122 & 3123
- Manufactured from chrome vanadium steel
- Correctly hardened and tempered for maximum strength and durability
- Square drive incorporates spring loaded retaining ball for secure socket holding
- Satin chrome plated for corrosion protection



Code	Size	Ref.
RIC7410	3/8" x 75mm	5V352
RIC7415	3/8" x 150mm	5V353H

EXTENSIONS 3/8" DRIVE

- Manufactured to DIN 3123/ISO 3316
- Forged from Finest quality steel



Code	Ref	Length
STW12010005	427/1.5	38mm
STW12010003	427/10	240mm

EXTENSIONS - 3090 - 3/8" DRIVE

- For manually operated sockets and accessories with 3/8" square drive
- CHROME VANADIUM steel 31CrV3



Code	Length
GED623660	75mm
GED623679	125mm
GED623687	250mm

EXTENSION 3/8" DRIVE - FLEXIBLE

- Maximum torque 7Nm
- Right hand rotation only
- NO LOOSENING



Code	Ref	Length
STW12040000	434	194mm

SLIDING T-BAR - 3/8" DRIVE

- Manufactured to DIN3122 & 3123
- Manufactured from chrome vanadium steel
- Correctly hardened and tempered for maximum strength and durability
- Square drive incorporates spring loaded retaining ball for secure socket holding
- Satin chrome plated for corrosion protection



Code	Size	Ref.
RIC7955	3/8" x 165mm	5V351

SLIDING T-HANDLE - 3/8" DRIVE

- DIN 3122ISO 3315
- Chrome alloy steel
- Chrome plated



Code	Ref	Length
STW12070000	425	165mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SLIDING T BAR - 3087 - 3/8" DRIVE

- For manually operated sockets and accessories with 3/8" square drive
- CHROME VANADIUM steel 31CrV3



Code	Length
GED623652	160mm

RATCHET - 3/8" DRIVE

- DIN 3122/ISO 3315 specification
- Manufactured from chrome alloy steel
- Chrome plated
- Reversible, 30 teeth
- With 2 - component handle



Code	Ref	Length
STW12111010	435	193mm

RATCHET - REVERSIBLE & COUPLER - 3/8" DRIVE - 3093Z/94

- For manually operated sockets and accessories with 3/8" square drive
- CHROME VANADIUM steel 31CrV3
- 20° Ratchet arch



Code	Length
GED623768	180mm

POWER BAR - 3/8" DRIVE

- Manufactured to DIN 3122/ISO 3315
- Forged from Finest quality steel
- With 2-component handle



Code	Ref	Length
STW12060010	424	253.5mm

REVERSIBLE RATCHET - 1/4" DRIVE 72 TEETH - 5V393

- High torque, manufactured to DIN 3122 specification
- Dropped forged from one piece chrome vanadium steel
- Heat treated to obtain maximum hardness and precision machined for rugged strength and dependability
- Reversible 72 teeth heavy duty ratchet mechanism with quick release and quick changeover lever
- Satin finish



Code	Size
RIC7505	3/8"Dr x 205mm

RATCHET - 3093-U3 - 3/8" DRIVE

- For manually operated sockets and accessories with 3/8" square drive
- CHROME VANADIUM steel 31CrV3
- 5° Ratchet arch



Code	Length
GED623709	180mm

POWER BAR - 3/8" DRIVE - 5V371

- Manufactured from Chrome Vanadium steel, hardened and tempered for maximum strength and durability
- Manufactured to DIN3122 & 3123
- Square drive incorporates spring loaded retaining ball for securing sockets



Code	Size
RIC7470	3/8" x 215mm

POWER BAR - 3/8" DRIVE - 3096

- For manually operated sockets and accessories with 3/8" square drive
- CHROME VANADIUM steel – 31CrV3



Code	Length
GED623822	250mm

BI-HEX SOCKETS - 1/2" DRIVE

- Manufactured to DIN 3124
- Manufactured from chrome vanadium steel
- Hardened and tempered for maximum strength
- Chamfered ends allow positive nut location and entry
- Satin chrome plated for corrosion protection



Code	Size	Ref.
RIC7708	8mm	5V428
RIC7709	9mm	5V429
RIC7710	10mm	5V430
RIC7711	11mm	5V431
RIC7712	12mm	5V432
RIC7713	13mm	5V433
RIC7714	14mm	5V434
RIC7715	15mm	5V435
RIC7716	16mm	5V436

Code	Size	Ref.
RIC7717	17mm	5V437
RIC7718	18mm	5V438
RIC7719	19mm	5V439
RIC7720	20mm	5V440
RIC7721	21mm	5V441
RIC7722	22mm	5V442
RIC7723	23mm	5V443
RIC7724	24mm	5V444
RIC7725	25mm	5V422

Code	Size	Ref.
RIC7726	26mm	5V423
RIC7727	27mm	5V445
RIC7728	28mm	5V424
RIC7729	29mm	5V425
RIC7730	30mm	5V446
RIC7732	32mm	5V447
RIC7733	33mm	5V428
RIC7736	36mm	5V450

SUPER DRIVE SOCKETS - 1/2" DRIVE

Super-Drive

- Super drive socket is the only tool you need for all varieties of bolts
- Round is not the perfect shape, six sided and wedge shaped sockets will damage bolts and nuts when transferring high forces
- Super drive sockets have a unique profile which enables the use of sockets on metric, SAE, Torx®, spline and square shaped bolts and nuts
- Chrome vanadium steel, correctly hardened and tempered for maximum strength and durability
- Satin chrome plated for corrosion protection



Code	Metric	Imp.	E. Nut	Ref.
RIC7760	8mm	5/16"	E10	4V451H
RIC7761	9mm	11/32"	E11	4V452H
RIC7762	10mm	3/8"	E12	4V453H
RIC7763	11mm	7/16"	E14	4V454H
RIC7764	12mm	15/32"	E14	4V455H
RIC7765	13mm	1/2"	E16	4V456H
RIC7766	14mm	9/16"	E18	4V457H
RIC7767	15mm	19/32"	E18	4V458H
RIC7768	16mm	5/8"	E20	4V459H
RIC7769	17mm	21/32"	E20	4V460H
RIC7770	18mm	11/16"	E22	4V461H
RIC7771	19mm	3/4"	E24	4V462H

Code	Metric	Imp.	E. Nut	Ref.
RIC7772	20mm	25/32"	E25	4V463H
RIC7773	21mm	13/16"	E26	4V464H
RIC7774	22mm	7/8"	E28	4V465H
RIC7775	23mm	29/32"	E28	4V466H
RIC7776	24mm	15/16"	E30	4V467H
RIC7777	25mm	31/32"	E32	4V468H
RIC7778	26mm	1"	E32	4V469H
RIC7779	27mm	1 1/16"	E34	4V470H
RIC7780	28mm	1 3/32"	E36	4V471H
RIC7781	29mm	1 1/8"	E36	4V472H
RIC7782	30mm	1 3/16"	E38	4V473H
RIC7783	32mm	1 1/4"	E40	4V474H

BI-HEX SOCKETS - 1/2" DRIVE - 50

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them



Code	Size
STW03010008	8mm
STW03010009	9mm
STW03010010	10mm
STW03010011	11mm
STW03010013	13mm
STW03010014	14mm
STW03010015	15mm

Code	Size
STW03010016	16mm
STW03010017	17mm
STW03010018	18mm
STW03010020	20mm
STW03010021	21mm
STW03010022	22mm
STW03010023	23mm

Code	Size
STW03010024	24mm
STW03010025	25mm
STW03010026	26mm
STW03010027	27mm
STW03010028	28mm
STW03010030	30mm
STW03010032	32mm

BI-HEX SOCKETS - 1/2" DRIVE - 50A

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them



Code	Size
STW03410024	3/8"
STW03410028	7/16"
STW03410032	1/2"

Code	Size
STW03410034	9/16"
STW03410035	19/32"
STW03410036	5/8"

Code	Size
STW03410038	11/16"
STW03410040	3/4"
STW03410044	7/8"

HEX SOCKETS - 1/2" DRIVE - 52

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them



Code	Size
STW03030008	8mm
STW03030010	10mm
STW03030011	11mm
STW03030012	12mm
STW03030013	13mm

Code	Size
STW03030016	16mm
STW03030017	17mm
STW03030018	18mm
STW03030020	20mm
STW03030021	21mm

Code	Size
STW03030024	24mm
STW03030025	25mm
STW03030027	27mm
STW03030030	30mm
STW03030032	32mm
STW03030034	34mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

BI-HEX SOCKETS - 1/2" DRIVE - D19

- Manually operated sockets with thin walls and knurled base
- CHROME VANADIUM steel – 31CrV3
- Chrome plated and polished



Code	Size
GED613304	8mm
GED613312	9mm
GED613320	10mm
GED613339	11mm
GED613347	12mm
GED613355	13mm
GED613363	14mm
GED613371	15mm
GED613398	16mm
GED613401	17mm
GED613428	18mm
GED613436	19mm
GED613444	20mm
GED613452	21mm

Code	Size
GED613460	22mm
GED613479	23mm
GED613487	24mm
GED613495	25mm
GED613509	26mm
GED613517	27mm
GED613525	28mm
GED613533	29mm
GED613541	30mm
GED613576	32mm
GED613584	33mm
GED613568	36mm
GED613606	5/16"
GED613622	3/8"

Code	Size
GED613649	7/16"
GED613657	1/2"
GED613665	9/16"
GED613681	5/8"
GED613703	11/16"
GED613711	3/4"
GED613746	13/16"
GED613754	7/8"
GED613762	15/16"
GED613770	1"
GED613789	1 1/16"
GED613797	1 1/8"
GED613819	1 1/4"

C PROFILE SOCKETS - 1/2" DRIVE - C19

- Manually operated sockets with thin walls and knurled base
- CHROME VANADIUM steel – 31CrV3
- Chrome plated and polished



Code	Size
GED612006	8mm-5/16"
GED612014	9mm-11/32"
GED612022	10mm-3/8"
GED612030	11mm
GED612057	12mm
GED612065	13mm-1/2"
GED612073	14mm
GED612081	15mm-19/32"
GED612103	16mm-5/8"
GED612111	17mm
GED612138	18mm-11/16"
GED612146	19mm-3/4"

Code	Size
GED612154	20mm-25/32"
GED612162	21mm-13/16"
GED612170	22mm
GED612189	23mm
GED612197	24mm-15/16"
GED612200	25mm
GED612219	26mm-1"
GED612227	27mm-1.1/16"
GED612235	28mm
GED612243	29mm-1.1/8"
GED612251	30mm-1.3/16"
GED612278	32mm-1.1/4"

HEX SOCKETS - LONG 1/2" DRIVE

- Expert professional quality
- Manufactured to DIN3120 7 3124 specifications
- Chrome Vanadium steel, hardened and tempered.
- Chamfered ends allow for positive location and entry
- Satin chrome finish for maximum corrosion resistance



Code	Size	Ref.
RIC6890	10x76mm	RT4V/431
RIC6891	11x76mm	RT4V/432
RIC6892	12x76mm	RT4V/433
RIC6893	13x76mm	RT4V/434
RIC6894	14x76mm	RT4V/435
RIC6895	15x76mm	RT4V/436
RIC6896	16x76mm	RT4V/437
RIC6897	17x76mm	RT4V/438
RIC6898	18x76mm	RT4V/439
RIC6899	19x76mm	RT4V/440
RIC6990	20x76mm	RT4V/441
RIC6991	21x76mm	RT4V/442

Code	Size	Ref.
RIC6992	22x76mm	RT4V/443
RIC6993	24x76mm	RT4V/444
RIC6995	27x76mm	RT4V/445
RIC6998	30x76mm	RT4V/446
RIC7000	32x76mm	RT4V/447

BI-HEX LONG SOCKETS - 1/2" DRIVE - 51

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them
- *With rubber insert for spark plugs



Code	Size
STW03020010	10mm
STW03020013	13mm
STW03020014	14mm
STW03020015	15mm
STW03020016	16mm
STW03020017	17mm

Code	Size
STW03020018	18mm
STW03020019	19mm
STW03020021	21mm
STW03020022	22mm
STW03020024	24mm
STW03020026	26 mm

Code	Size
STW03020027	27mm
STW03020028	28mm
STW03020030	30mm
STW03020032	32mm
STW03020208	20.8mm*

BI-HEX SOCKETS - DEEP 1/2" DRIVE - D19L

- Manually operate sockets with thin walls and knurled base
- CHROME VANADIUM steel -31CrV3
- Chrome plated and polished
- Length 82mm



Code	Size
GED015705	10mm
GED015706	12mm

HEX SOCKETS - DEEP - 1/2" DRIVE - 19L

- Manually operated sockets with thin walls and knurled bases
- CHROME VANADIUM steel – 31CrV3
- Chrome plated and polished



Code	Size	Length
GED614017	13mm	77mm
GED614025	14mm	77mm
GED614033	17mm	77mm
GED614041	19mm	82mm
GED614068	21mm	82mm
GED614076	24mm	82mm
GED614130	1/2"	77mm
GED614149	9/16"	77mm
GED614157	5/8"	77mm
GED614165	11/16"	77mm

Code	Size	Length
GED614173	3/4"	82mm
GED614181	13/16"	82mm

Code	Size	Length
GED614203	7/8"	82mm
GED614211	15/16"	82mm

SPARK PLUG SOCKETS - 1/2" DRIVE

- With flank drive
- Manufactured to high quality standards from chrome vanadium steel hardened and tempered for maximum strength
- Professional look two colour satin chrome finish
- Fitted with rubber plug protection insert



Code	Size	Ref.
RIC7630	16mm	6V503B
RIC7632	21mm	6V504B

SPARK PLUG SOCKETS - 1/2" DRIVE

- CHROME VANADIUM steel 31CrV3
- Chrome plated
- To be used in conjunction with 1/2" drive accessories



Code	Size	Ref
GED636614	20.8mm - 13/16"	50
GED636622	16mm	54

DIESEL INJECTOR SOCKET - 1/2" DRIVE

- For Diesel injectors
- Expert professional quality
- Manufactured to DIN3120 & 3124
- Chrome Vanadium steel, hardened and tempered with
- Thin wall
- 4 equally spaced lugs around the tip
- Satin chrome finish



Code	Length	Ref.
RIC7003	73mm	RT5V/485T

SOCKET 4-PIN - 1/2" DRIVE - 3678

- For use on pressure nut of injector post
- Mercedes-Benz



Code	Size
STW03810001	72mm

SPLINE SOCKETS - 1/2" DRIVE

- Expert professional quality socket
- Manufactured to DIN 3120 specifications
- Manufactured from Chrome vanadium steel with high quality S2 screwdriver head
- Correctly hardened and tempered and precision machined to deliver maximum turning power
- Satin chrome plated for corrosion protection



Code	Size	Ref.
RIC7925	M6 x 55mm	5V195
RIC7926	M8 x 55mm	5V196
RIC7928	M10 x 55mm	5V197
RIC7931	M6 x 100mm	5V203
RIC7932	M8 x 100mm	5V204
RIC7934	M10 x 100mm	5V205
RIC7936	M12 x 100mm	5V206

SCREWDRIVER SOCKETS - 1/2"DRIVE - 54CV

- For spline socket head screws (RIBE CV)
- Chrome Alloy Steel
- Chrome plated
- All length 22mm except STW03090013 20mm



Code	Size
STW03090005	M5
STW03090007	M7

Code	Size
STW03090008	M8
STW03090009	M9

Code	Size
STW03090010	M10
STW03090013	M13

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SCREWDRIVER SOCKETS - 1/2" DRIVE - 54X

- For trisquare socket head screws (XZN®)
- DIN 2324
- Chrome Alloy Steel
- Chrome plated



Code	Size	Code	Size	Code	Size
STW03060008	M8	STW03060010	M10	STW03060014	M14
		STW03060012	M12	STW03060016	M16

SPLINE BIT SOCKETS - 1/2" DRIVE - INX19

- For multi-point screws
- Manually operated sockets with knurled base
- Sockets - CHROME VANADIUM steel - 31CRV3
- Bits - Molybdenum tool steel



Code	Size	Length
GED615889	5mm	55mm
GED615900	6mm	55mm
GED615927	8mm	55mm
GED615943	10mm	55mm
GED615978	12mm	55mm

SCREWDRIVER SOCKETS - 1/2" DRIVE - EXTRA LONG - 3054X

- For trisquare socket head screws (XZN®)
- DIN 2324
- Chrome Alloy Steel
- Chrome plated



Code	Size	Length	Code	Size	Length	Code	Size	Length
STW03261408	M8	140mm	STW03261410	M10	140mm	STW03261412	M12	140mm
						STW03261414	M14	140mm

SPLINE BIT SOCKETS - 1/2" DRIVE - EXTRA LONG - INX19L

- For multi-point screws
- Manually operated sockets with knurled base
- Sockets - CHROME VANADIUM steel - 31CRV3
- Bits - Molybdenum tool steel



Code	Size	Length
GED615919	6mm	100mm
GED615935	8mm	100mm
GED615951	10mm	100mm
GED615986	12mm	100mm

TORX SOCKETS - 1/2" DRIVE

- Expert professional quality socket
- Manufactured to DIN 3120 specifications
- Manufactured from Chrome vanadium steel with high quality S2 screwdriver head
- Correctly hardened and tempered and precision machined to deliver maximum turning power
- Satin chrome plated for corrosion protection



Code	Size	Ref.	Code	Size	Ref.
RIC7939	T20 x 50mm	5V151	RIC7944	T45 x 50mm	5V156
RIC7940	T25 x 50mm	5V152	RIC7945	T50 x 50mm	5V157
RIC7941	T27 x 50mm	5V153	RIC7946	T55 x 50mm	5V158
RIC7942	T30 x 50mm	5V154	RIC7947	T60 x 50mm	5V159
RIC7943	T40 x 50mm	5V155			

SCREWDRIVER SOCKETS - 1/2" DRIVE - 54TX

- For inside TORX® screws
- Chrome Alloy Steel
- Chrome plated



Code	Size	Code	Size	Code	Size
STW03100020	T20	STW03100030	T30	STW03100050	T50
STW03100025	T25	STW03100040	T40	STW03100055	T55
STW03100027	T27	STW03100045	T45	STW03100060	T60



TORX SOCKETS - MALE - 1/2" DRIVE - ITX19

- For recessed TORX head screws
- Manually operated sockets with knurled base
- CHROME VANADIUM steel – 31CrV3
- Bits- Molybdenum tool steel



Code	Size
GED024710	T20
GED024720	T25
GED024730	T27
GED024740	T30
GED024750	T40
GED024760	T45
GED024770	T50

TORX® SOCKETS - LONG - 1/2" DRIVE

- Professional quality manufactured sockets to DIN 3122 and DIN 3123 specifications
- Chrome vanadium steel, correctly hardened and tempered for maximum strength and durability
- Chamfered ends allow for positive location and entry
- Satin chrome plated for corrosion protection



Code	Size	Ref.
RIC3490	T20 x 100mm	5V161
RIC3491	T25 x 100mm	5V162
RIC3492	T27 x 100mm	5V163
RIC3493	T30 x 100mm	5V164
RIC3494	T40 x 100mm	5V165

Code	Size	Ref.
RIC3495	T45 x 100mm	5V166
RIC3496	T50 x 100mm	5V167
RIC3497	T55 x 100mm	5V168
RIC3498	T60 x 100mm	5V169
RIC3499	T70 x 100mm	5V170

SCREWDRIVER SOCKETS - 1/2" DRIVE - 1054TX + 2054TX

- For inside TORX® screws, extra long
- Chrome Alloy Steel
- Chrome plated
- Length 140mm



Code	Size	Ref
STW03131440	T40	2054TX
STW03131445	T45	2054TX

Code	Size	Ref
STW03131450	T50	1054TX

Code	Size	Ref
STW03131455	T55	1054TX

Code	Size	Ref
STW03131460	T60	1054TX

TORX® SOCKETS - FEMALE - 1/2" DRIVE

- Professional quality manufactured sockets to DIN 3122 and DIN 3123 specifications
- Chrome vanadium steel, correctly hardened and tempered for maximum strength and durability
- Chamfered ends allow for positive location and entry
- Satin chrome plated for corrosion protection



Code	Size	Ref.
RIC3480	E10x50mm	4V401
RIC3481	E12x50mm	4V403
RIC3482	E14x50mm	4V405

Code	Size	Ref.
RIC3483	E16x50mm	4V407
RIC3484	E18x50mm	4V409
RIC3485	E20x50mm	4V411

TORX SOCKETS - EXTERNAL - 1/2" DRIVE - 50TX

- For external TORX® screws
- HPQ high performance steel
- Chrome plated



Code	Size
STW03270010	E10
STW03270011	E11
STW03270012	E12

Code	Size
STW03270014	E14
STW03270016	E16
STW03270018	E18

Code	Size
STW03270020	E20
STW03270024	E24

TORX SOCKETS - FEMALE 1/2" DRIVE - TX19

- For protruding TORX head screws
- Manually operated sockets with thin walls and knurled base
- CHROME VANADIUM STEEL – 31CrV3
- Chrome plated



Code	Size
GED665908	E10
GED665916	E11
GED665294	E12
GED665932	E14
GED665940	E16
GED665959	E18
GED665967	E20
GED665975	E24

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

ALLEN KEY SOCKETS - 1/2" DRIVE

- Expert professional quality socket
- Manufactured to DIN 3120 specifications
- Manufactured from Chrome vanadium steel with high quality S2 screwdriver head
- Correctly hardened and tempered and precision machined to deliver maximum turning power
- Satin chrome plated for corrosion protection



Code	Size	Ref.
RIC7566	5 x 55mm	5V091
RIC7567	6 x 55mm	5V092
RIC7568	7 x 55mm	5V093
RIC7569	8 x 55mm	5V094
RIC7571	10 x 55mm	5V096
RIC7573	12 x 55mm	5V097
RIC7575	14 x 55mm	5V098
RIC7578	17 x 55mm	5V099

INHEX SOCKETS - 1/2" DRIVE - 54

- For hexagon socket head screws
- DIN 7422
- Chrome Alloy Steel
- Chrome plated



Code	Size
STW03050004	4mm
STW03050007	7mm
STW03050008	8mm

Code	Size
STW03050010	10mm
STW03050012	12mm
STW03050014	14mm

Code	Size
STW03050017	17mm
STW03050019	19mm

INHEX SOCKETS - 1/2" DRIVE - 54A

- For hexagon socket head screws
- DIN 7422
- Chrome Alloy Steel
- Chrome plated



Code	Size
STW03450024	3/8"
STW03450028	7/16"

Code	Size
STW03450034	9/16"

HEXAGON BIT SOCKETS - 1/2" DRIVE - IN19

- For hexagon head screws
- Manually operated sockets with knurled base
- Sockets - CHROME VANADIUM steel – 31CRV3
- Bits – CHROME VANADIUM steel – 59CrV4



Code	Size	Length
GED615315	5mm	60mm
GED615323	6mm	60mm
GED615331	7mm	60mm
GED615358	8mm	60mm
GED615366	9mm	60mm
GED615374	10mm	60mm
GED615382	12mm	60mm
GED615390	14mm	60mm
GED615404	17mm	60mm
GED615412	19mm	60mm

Code	Size	Length
GED615471	3/16"	60mm
GED615498	7/32"	60mm
GED615501	1/4"	60mm
GED615528	9/32"	60mm
GED615536	5/16"	60mm
GED615544	3/8"	60mm
GED615552	1/2"	60mm
GED615560	9/16"	60mm
GED615579	5/8"	60mm

ALLEN KEY SOCKETS - LONG - 1/2" DRIVE

- Expert professional quality socket
- Manufactured to DIN 3120 specifications
- Manufactured from Chrome vanadium steel with high quality S2 screwdriver head
- Correctly hardened and tempered and precision machined to deliver maximum turning power
- Satin chrome plated for corrosion protection



Code	Size	Ref.
RIC7488	4 x 100mm	5V100
RIC7489	5 x 100mm	5V101
RIC7490	6 x 100mm	5V102
RIC7491	7 x 100mm	5V103
RIC7492	8 x 100mm	5V104
RIC7493	9 x 100mm	5V105

Code	Size	Ref.
RIC7494	10 x 100mm	5V106
RIC7495	12 x 100mm	5V107
RIC7496	14 x 100mm	5V108
RIC7497	17 x 100mm	5V109
RIC7498	19 x 100mm	5V110

HEXAGON BIT SOCKETS - EXTRA LONG 1/2" DRIVE - IN19L

- For hexagon head screws
- Manually operated sockets with knurled base
- Sockets - CHROME VANADIUM steel - 31CRV3
- Bits - CHROME VANADIUM steel - 59CrV4



Code	Size	Length
GED615730	6mm	100mm
GED615773	8mm	100mm
GED615811	10mm	100mm
GED615846	12mm	100mm
GED615862	14mm	100mm

ADAPTORS - 1/2" DRIVE

- Heavy duty industrial quality to meet rigid specifications for mechanics industrial workers who need strength, speed and safety on tough jobs
- Hot forged and precision machined from high strength chrome vanadium steel
- Correctly hardened and tempered
- Chrome plated
- Square drive fitted with spring loaded locking ball for securely attaching accessories
- Satin chrome plated for corrosion protection



Code	Size	Ref.
RIC7540	1/2"F x 3/8"M	5V475
RIC7545	1/2"F x 3/4"M	5V545

REDUCER (ADADPTOR) - 1/2" DRIVE

- DIN 3123ISO 3316
- HPQ High performance steel
- Chrome plated
- 1/2" socket x 3/4" plug (12.5 x 20)
- 1/2" socket x 3/8" plug (12.5 x 10)



Code	Ref	Length
STW13030002	513	35mm
STW13030005	514	44mm

CONVERTER (REDUCER) - 1/2" DRIVE 1932

- 1/2"female to 3/4"male
- For manually operated sockets and accessories with 1/2" drive
- CHROME VANADIUM steel – 31CrV3



Code	Length
GED614319	45mm

RATCHET ADAPTOR - 1/2" DRIVE

- Reversible
- 20 teeth



Code	Ref	Length
STW13140000	522	67.5mm

UNIVERSAL JOINT - 1/2" DRIVE

- Manufactured to DIN3122 & 3123
- Manufactured from chrome vanadium steel
- Correctly hardened and tempered for maximum strength and durability
- Square drive incorporates spring loaded retaining ball for secure socket holding
- Satin chrome plated for corrosion protection



Code	Size	Ref.
RIC7984	1/2" x 72mm	5V473

UNIVERSAL JOINT 1/2" DRIVE

- DIN 3123/ISO 3316
- Chrome alloy steel
- Chrome plated



Code	Ref	Length
STW13020000	510	71mm

UNIVERSAL JOINT - 1/2" DRIVE - 1995

- For manually operated sockets and accessories with ½" drive
- CHROME VANADIUM steel – 31CrV3



Code	Length
GED614475	70mm

COUPLER - SQUARE WITH MUSHROOM HEAD - 1/2" DRIVE - 1994

- For manually operated sockets and accessories with ½" drive
- CHROME VANADIUM steel – 31CrV3



Code	Length
GED614467	46mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

EXTENSION BARS - 1/2" DRIVE 5V453

- Manufactured to DIN3122 & 3123
- Manufactured from chrome vanadium steel
- Correctly hardened and tempered for maximum strength and durability
- Square drive incorporates spring loaded retaining ball for secure socket holding
- Satin chrome plated for corrosion protection



Code	Size	Ref.
RIC7420	1/2" x 125mm	5V453
RIC7425	1/2" x 250mm	5V454

EXTENSION - 1/2" DRIVE

- Manufactured to DIN 3123/ISO 3316
- Forged from Finest quality steel



Code	Ref	Length
STW13010001	509/2	52mm
STW13010002	509/5	130mm
STW13010003	509/10	255mm
STW13010004	509	75mm

EXTENSION BARS - 1/2" DRIVE - 1990

- For manually operated sockets and accessories with 1/2" drive
- CHROME VANADIUM steel – 31CrV3



Code	Length
GED614378	75mm
GED614386	125mm
GED614289	175mm
GED614394	250mm

SLIDING T-BAR - 1/2" DRIVE

- Manufactured to DIN3122 & DIN3123
- Manufactured from chrome vanadium steel
- Correctly hardened and tempered for maximum strength and durability
- Square drive incorporates spring loaded retaining ball for secure socket holding
- Satin chrome plated for corrosion protection



Code	Size	Ref.
RIC7960	1/2" x 250mm	5V451

SLIDING T HANDLE - 1/2" DRIVE - 1987

- For manually operated sockets and accessories with 1/2" drive
- CHROME VANADIUM steel – 31CrV3



Code	Length
GED614343	290mm

SPEEDBRACE - 1/2" DRIVE

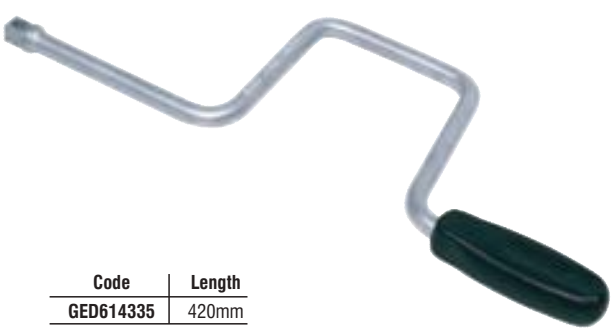
Code	Size	Ref.
RIC7635	1/2"Dr x 400mm	6V505



- Manufactured to DIN3122 & 3123
- Manufactured from chrome vanadium steel
- Correctly hardened and tempered for maximum strength and durability
- Square drive incorporates spring loaded retaining ball for secure socket holding
- Satin chrome plated for corrosion protection
- Plastic handle swivels so brace can be rotated

SPEEDBRACE HANDLE- 1/2" DRIVE - 1985

- For manually operated sockets and accessories with 1/2" drive
- CHROME VANADIUM steel - 31CrV3



Code	Length
GED614335	420mm

RATCHET REVERSIBLE- 72 TEETH - 1/2" DRIVE

- High torque, manufactured to DIN 3122 specification
- Dropped forged from one piece chrome vanadium steel
- Heat treated to obtain maximum hardness and precision machined for rugged strength and dependability
- Reversible 72 teeth heavy duty ratchet mechanism with quick release and quick changeover lever
- Satin finish



Code	Size	Ref.
RIC7510	1/2" Dr x 260mm	5V493

RATCHET - PUSH THROUGH 1/2" DRIVE (72 TEETH)

- High torque, manufactured to **DIN 3122** specification
- Dropped forged from one piece chrome vanadium steel
- Heat treated to obtain maximum hardness and precision
- machined for rugged strength and dependability
- Push through square to reverse direction
- Satin finish



Code	Size	Ref.
RIC7511	1/2" Dr x 270mm	5V495H

Repair kits are available

RATCHET - 1/2" DRIVE

- DIN 3122/ISO 3315 specification
- Manufactured from chrome alloy steel
- Chrome plated
- Reversible, 36 teeth
- With 2 - component handle



Code	Ref	Length
STW13111010	512	265.5mm

RATCHET - REVERSIBLE - 1/2" DRIVE WITH RECESSED LEVER - 1993 U-10T

- Quick release button
- For manually operated sockets and accessories with 1/2"square drive
- CHROME VANADIUM stell -31CrV3
- 11° ratchet arch



Code	Length
GED614262	270mm

RATCHET - REVERSIBLE - 1/2" DRIVE 1993 U-3

- For manually operated sockets and accessories with 1/2" drive
- CHROME VANADIUM steel – 31CrV3
- 7° ratchet arch



Code	Length
GED614416	270mm

RATCHET - REVERSIBLE - 1/2" DRIVE 1993Z/94

- For manually operated sockets and accessories with 1/2" drive
- CHROME VANADIUM steel - 31CrV3
- 15° ratchet arch



Code	Length
GED614459	270mm

POWER BAR - 1/2" DRIVE

- Manufactured from Chrome Vanadium steel, hardened and tempered for maximum strength and durability
- Square drive incorporates spring loaded retaining ball for securing sockets
- Manufactured to **DIN3122 & 3123**



Code	Size	Ref.
RIC7475	1/2" x 375mm	5V471

Repair kits are available

POWERBAR (FLEXIBLE HANDLE) 1/2" DRIVE

- Manufactured to DIN 3122/ISO 3315
- Forged from Finest quality steel
- With 2 - component handle



Code	Ref	Length
STW13061012	504/15	397mm
STW13061013	504/18	469mm

POWER BAR - 1/2" DRIVE - 1996 & 1997

- For manually operated sockets and accessories with 1/2" drive
- CHROME VANADIUM steel – 31CrV3



Code	Length
GED614483	250mm
GED614491	375mm
GED614556	450mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

BI-HEX SOCKET - 3/4" DRIVE



- Manufactured from hot forged high strength chrome vanadium steel
- Precision machined, special heat treating imparts great strength and toughness
- Chrome plated finish for long service life
- Precision chamfered ends of socket opening and square drive to provide accurate fit and nut location

Code	Size	Ref.
RIC7822	22mm	5V633
RIC7824	24mm	5V635
RIC7827	27mm	5V637
RIC7830	30mm	5V639

Code	Size	Ref.
RIC7832	32mm	5V640
RIC7836	36mm	5V642
RIC7838	38mm	5V643

Code	Size	Ref.
RIC7841	41mm	5V644
RIC7846	46mm	5V645
RIC7850	50mm	5V646

HEX SOCKET - 3/4" DRIVE - 55

- Sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them



Code	Size
STW05010019	19mm
STW05010020	20mm
STW05010021	21mm
STW05010022	22mm
STW05010024	24mm
STW05010027	27mm

Code	Size
STW05010030	30mm
STW05010032	32mm
STW05010033	33mm
STW05010034	34mm
STW05010036	36mm
STW05010038	38mm

Code	Size
STW05010041	41mm
STW05010046	46mm
STW05010050	50mm
STW05010055	55mm
STW05010060	60mm

C-PROFILE SOCKET - 3/4" DRIVE - C32

- Manually operated sockets with thin walls and knurled base
- CHROME VANADIUM steel- 31CrV3
- Chrome plated



Code	Size
GED626007	19mm-3/4"
GED626015	22mm-7/8"
GED626023	24mm-15/16"
GED626058	26mm-1"
GED626066	27mm-1 1/16"
GED626082	30mm-1 3/16"
GED626090	32mm-1 1/4"

Code	Size
GED626104	33mm-1 5/16"
GED626112	34mm
GED626171	36mm-1 7/16"
GED626201	38mm-1 1/2"
GED626228	41mm-1 5/8"
GED626244	46mm- 1 13/16"

BI-HEX PROFILE SOCKET - 3/4" DRIVE - D32

- Manually operated sockets with thin walls and knurled base
- CHROME VANADIUM steel- 31CrV3
- Chrome plated



Code	Size
GED627216	19mm
GED627224	22mm
GED627232	24mm
GED627240	27mm
GED627259	29mm
GED627267	30mm
GED627275	32mm
GED627704	33mm
GED627763	34mm
GED627283	36mm
GED627291	38mm
GED627305	41mm
GED627313	46mm
GED627321	50mm

Code	Size
GED627402	7/8"
GED627410	15/16"
GED627429	1"
GED627445	1 1/8"
GED627453	1 1/4"
GED627461	1 5/16"
GED627488	1 3/8"
GED627496	1 7/16"
GED627534	1/11/16"
GED627569	1 7/8"
GED627577	2"

HEX SOCKET DEEP - 3/4" DRIVE - 56

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them



Code	Size
STW05020024	24mm
STW05020027	27mm
STW05020030	30mm
STW05020032	32mm

Code	Size
STW05020034	34mm
STW05020036	36mm
STW05020041	41mm

INHEX SOCKET - 3/4" DRIVE 59

- For socket head screws
- DIN 7422
- Chrome Alloy Steel

Code	Size
STW05050014	14mm
STW05050017	17mm
STW05050019	19mm
STW05050022	22mm



ADAPTOR - 3/4" DRIVE

- Heavy duty industrial quality to meet rigid specifications for mechanics
- industrial workers who need strength, speed and safety on tough jobs
- Hot forged and precision machined from high strength chrome vanadium steel
- Correctly hardened and tempered
- Chrome plated
- Square drive fitted with spring loaded locking ball for securely attaching accessories
- Satin chrome plated for corrosion protection



Code	Size	Ref.
RIC7550	3/4"F x 1/2"M	5V686
RIC7555	3/4"F x 1"M	5V762

REDUCER (ADAPTOR) - 3/4" DRIVE

- DIN 3123ISO 3316
- HPQ High performance steel
- Chrome plated
- 3/4" socket x 1/2" plug (20 x 12.5)
- Maximum torque 512Nm



Code	Ref	Length
STW15030003	568	55mm

REDUCER (ADAPTOR) - 3/4" DRIVE

- DIN 3123ISO 3316
- HPQ High performance steel
- Chrome plated
- 3/4" inside x 1" plug (20 x 25)



Code	Ref	Length
STW15030006	569	61mm

CONVERTER (REDUCER) - 3/4" DRIVE 3221

- For manually operated sockets and accessories with 3/4" drive
- CHROME VANADIUM steel- 31CrV3
- 3/4" Female to 1" Male



Code	Length
GED627828	61mm

UNIVERSAL JOINT - 3/4" DRIVE

- Heavy duty industrial quality to meet rigid specifications for mechanics, industrial workers who need strength, speed and safety on tough jobs
- Hot forged and precision machined from high strength chrome vanadium steel
- Correctly hardened and tempered
- Chrome plated
- Square drive fitted with spring loaded locking ball for securely attaching accessories



Code	Size	Ref.
RIC7986	3/4" x 105mm	5V688

UNIVERSAL JOINT 3/4" DRIVE

- DIN 3123/ISO 3316
- Chrome alloy steel
- Chrome plated



Code	Ref	Length
STW15020000	561	109mm

SQUARE COUPLER - 3/4" DRIVE - 3294

- For manually operated sockets and accessories with 3/4" drive
- CHROME VANADIUM steel- 59CrV4



Code	Length
GED627909	51.5mm

EXTENSION BARS - 3/4" DRIVE

- Heavy duty industrial quality to meet rigid specifications for mechanics, industrial workers who need strength, speed and safety on tough jobs
- Hot forged and precision machined from high strength chrome vanadium steel
- Correctly hardened and tempered
- Chrome plated
- Square drive fitted with spring loaded locking ball for securely attaching accessories

Code	Size	Size
RIC7430	3/4" x 100mm	5V681
RIC7435	3/4" x 200mm	5V682



EXTENSION - 3/4" DRIVE

- Manufactured to DIN 3123/ISO 3316
- Forged from Finest quality steel



Code	Ref	Length
STW15010003	559/4	95mm
STW15010001	559/8	200mm
STW15010002	559/16	400mm

EXTENSION BAR - 3/4" DRIVE - 3290

- For manually operated sockets and accessories with 3/4" drive
- CHROME VANADIUM steel- 31CrV3



Code	Length
GED627844	200mm
GED627852	400mm

SLIDING T-BAR - 3/4" DRIVE

- Heavy duty industrial quality to meet rigid specifications for mechanics, industrial workers who need strength, speed and safety on tough jobs
- Hot forged and precision machined from high strength chrome vanadium steel
- Correctly hardened and tempered
- Chrome plated
- Square drive fitted with spring loaded locking ball for securely attaching accessories



Code	Size	Size
RIC7965	3/4" x 450mm	5V677

SLIDING T BAR - 3/4" DRIVE - 3287

- For manually operated sockets and accessories with 3/4" drive
- CHROME VANADIUM steel- 31CrV3



Code	Length
GED627836	500mm

RATCHET - REVERSIBLE - 3/4" DRIVE

- Heavy duty industrial quality to meet rigid specifications for mechanics, industrial workers who need strength, speed and safety on tough jobs
- Hot forged and precision machined from high strength chrome vanadium steel
- Correctly hardened and tempered
- Chrome plated
- Square drive fitted with spring loaded locking ball for securely attaching accessories
- Sturdy construction for tough nut turning jobs, with quick changeover lever for forward and reverse operations
- Detachable handle with knurled anti slip grip
- Strong ratchet specially made from chrome vanadium/molybdenum steel and working parts are precision machined, heat treated for smooth action and long life



Code	Size	Ref.
RIC7515	3/4"Dr x 500mm	5V670

Repair kits are available

RATCHET - REVERSIBLE WITH LEVER CONTROL - 3/4" DRIVE - 3293 U-1

- For manually operated sockets and accessories with 3/4" drive
- CHROME VANADIUM steel- 31CrV3
- Detachable handle
- 15° Ratchet arch



Code	Length
GED627798	500mm

RATCHET - DOUBLE JOHNNY - 3/4" DRIVE - 3293/500DJ

- Double 3/4" drive coupler
- 500mm detachable handle
- For manually operated sockets and accessories with 3/4" drive
- CHROME VANADIUM steel- 31CrV3



Code
GED627127

RATCHET - REVERSIBLE WITH DISC CHANGE - 3/4" DRIVE - 3293 U-2

- For manually operated sockets and accessories with ¾" drive
- CHROME VANADIUM steel- 31CrV3
- Detachable handle
- 7° Ratchet arch



Code	Length
GED627860	500mm

RATCHET - REVERSIBLE WITH PUSH THROUGH COUPLER - 3/4" DRIVE - 3293 Z/94

- For manually operated sockets and accessories with 3/4" drive
- CHROME VANADIUM steel- 31CrV3
- Detachable handle
- 10° Ratchet arch



Code	Length
GED627895	500mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

POWER BAR - 3/4" DRIVE

- Heavy duty industrial quality to meet rigid specifications for mechanics, industrial workers who need strength, speed and safety on tough jobs
- Hot forged and precision machined from high strength chrome vanadium steel
- Correctly hardened and tempered
- Chrome plated
- Square drive fitted with spring loaded locking ball for securely attaching accessories
- Head swivels to any position and an inner spring holds it in semi flex condition
- Knurled handle



Repair kits are available

Code	Size	Ref.
RIC7480	3/4" x 500mm	5V675

POWER BAR- 3/4" DRIVE - 3296

- For manually operated sockets and accessories with 3/4" drive
- CHROME VANADIUM steel- 31CrV3



Code	Length
GED627925	543mm

RATCHET BAR HANDLE FOR 3/4" DRIVE

- Manufactured from Chrome Alloy Steel
- Chrome plated



Code	Ref	Length
STW15170000	558	510mm

POWER HEAD (FLEXIBLE HEAD) - 3/4" DRIVE

- Chrome alloy steel
- Chrome plated
- Without bar handle 558



Code	Ref	Length
STW15060000	554	131mm

SLIDING HEAD - 3/4" DRIVE

- Chrome alloy steel
- Chrome plated
- Without Bar Handle 558



Code	Ref	Length
STW15070000	556	61.5mm

RATCHET HEAD - 3/4" DRIVE

- Manufactured from Chrome Alloy Steel
- Chrome plated
- Reversible, 36 teeth with quick release safety lock
- Without bar 558



Code	Ref	Length
STW15110000	552	165mm

BI-HEX SOCKETS 1" DRIVE



- Manufactured from hot forged high strength chrome vanadium steel
- Precision machined, special heat treating imparts great strength and toughness
- Chrome plated finish for long service life
- Precision chamfered ends of socket opening and square drive to provide accurate fit and nut location

Code	Size	Ref.
RIC7900	36mm	5V735
RIC7902	41mm	5V737
RIC7904	46mm	5V738

Code	Size	Ref.
RIC7906	50mm	5V739
RIC7908	55mm	5V741
RIC7910	60mm	5V732

Code	Size	Ref.
RIC7912	65mm	5V743
RIC7914	70mm	5V745
RIC7916	75mm	5V746
RIC7918	80mm	5V748

BI-HEX SOCKETS - 1" DRIVE - 60

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them



Code	Size
STW06010030	30mm
STW06010032	32mm
STW06010034	34mm

Code	Size
STW06010036	36mm
STW06010041	41mm
STW06010046	46mm

Code	Size
STW06010050	50mm
STW06010055	55mm

HEX SOCKETS - 1" DRIVE - 60

- Socket made to DIN 3124
- Chrome alloy steel
- Chrome plated



Code	Size
STW06010065	65mm
STW06010070	70mm
STW06010075	75mm

INHEX SOCKETS - 1" DRIVE - 64

- DIN 7422
- Chrome Alloy Steel
- Chrome plated



Code	Size
STW06050017	17mm
STW06050019	19mm
STW06050022	22mm
STW06050024	24mm

ADAPTOR - 1" DRIVE

- Heavy duty industrial quality to meet rigid specifications for mechanics, industrial workers who need strength, speed and safety on tough jobs
- Hot forged and precision machined from high strength chrome vanadium steel
- Correctly hardened and tempered
- Chrome plated
- Square drive fitted with spring loaded locking ball for securely attaching accessories
- Satin chrome plated for corrosion protection



Code	Size	Ref.
RIC7560	1"F x 3/4"M	5V763

UNIVERSAL JOINT - 1" DRIVE

- Heavy duty industrial quality to meet rigid specifications for mechanics, industrial workers who need strength, speed and safety on tough jobs
- Hot forged and precision machined from high strength chrome vanadium steel
- Correctly hardened and tempered
- Chrome plated
- Square drive fitted with spring loaded locking ball for securely attaching accessories



Code	Size	Ref.
RIC7988	1"Dr x 143mm	5V765

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

EXTENSION BARS - 1" DRIVE

- Heavy duty industrial quality to meet rigid specifications for mechanics, industrial workers who need strength, speed and safety on tough jobs
- Hot forged and precision machined from high strength chrome vanadium steel
- Correctly hardened and tempered
- Chrome plated
- Square drive fitted with spring loaded locking ball for securely attaching accessories



Code	Size	Ref.
RIC7440	1" x 200mm	5V758
RIC7445	1" x 400mm	5V759

EXTENSIONS 1" DRIVE

- Manufactured to DIN 3123/ISO 3316
- Forged from Finest quality steel



Code	Ref	Length
STW16010001	859/8	200mm
STW16010002	859/16	410mm

SLIDING T-BAR - 1" DRIVE

- Heavy duty industrial quality to meet rigid specifications for mechanics, industrial workers who need strength, speed and safety on tough jobs
- Hot forged and precision machined from high strength chrome vanadium steel
- Correctly hardened and tempered
- Chrome plated
- Square drive fitted with spring loaded locking ball for securely attaching accessories



Code	Size	Ref.
RIC7970	1"Dr x 550mm	5V755

RATCHET - REVERSIBLE - 1" DRIVE

- Heavy duty industrial quality to meet rigid specifications for mechanics, industrial workers who need strength, speed and safety on tough jobs
- Hot forged and precision machined from high strength chrome vanadium steel
- Correctly hardened and tempered
- Chrome plated
- Square drive fitted with spring loaded locking ball for securely attaching accessories
- Sturdy construction for tough nut turning jobs, with quick changeover lever for forward and reverse operations
- Detachable handle with knurled anti slip grip
- Strong ratchet specially made from chrome vanadium/molybdenum steel and working parts are precision machined, heat treated for smooth action and long life



Repair kits are available

Code	Size	Ref.
RIC7520	1"Dr x 650mm	5V751

POWER BAR - 1" DRIVE

- Heavy duty industrial quality to meet rigid specifications for mechanics
- industrial workers who need strength, speed and safety on tough jobs
- Hot forged and precision machined from high strength chrome vanadium steel
- Correctly hardened and tempered
- Chrome plated
- Square drive fitted with spring loaded locking ball for securely attaching accessories
- Head swivels to any position and an inner spring holds it in semi flex condition
- Knurled handle



Code	Size	Ref.
RIC7485	1"Dr x 650mm	5V753

Repair kits are available

RATCHET BAR HANDLE FOR 1" DRIVE

- Manufactured from Chrome Alloy Steel
- Chrome plated



Code	Ref	Length
STW16170000	888	700mm

POWER HEAD (FLEXIBLE HEAD) 1" DRIVE

- Chrome alloy steel
- Chrome plated
- Without bar handle 888



Code	Ref	Length
STW16060000	884	195mm

SLIDING HEAD - 1" DRIVE

- Chrome alloy steel
- Chrome plated
- Without Bar Handle 888



Code	Ref	Length
STW16070000	886	80mm

RATCHET HEAD - 1" DRIVE

- Manufactured from Chrome Alloy Steel
- Chrome plated
- Reversible, 36 teeth
- Without bar handle 888



Code	Ref	Length
STW16110000	882	185mm



BRITO HEX IMPACT SOCKETS - 1/2" DRIVE

- Brito impact sockets are made from best grade chrome vanadium steel
- They are hardened and heat treated to ensure that they are normalized and non-warping
- They are extremely accurately made with very close tolerances
- Ideal for use with heavy duty air wrenches



Code	Size
BRI3010	10mm
BRI3011	11mm
BRI3012	12mm
BRI3013	13mm
BRI3014	14mm
BRI3015	15mm
BRI3016	16mm
BRI3017	17mm
BRI3018	18mm
BRI3019	19mm
BRI3020	20mm

Code	Size
BRI3021	21mm
BRI3022	22mm
BRI3023	23mm
BRI3024	24mm
BRI3025	25mm
BRI3026	26mm
BRI3027	27mm
BRI3028	28mm
BRI3029	29mm
BRI3030	30mm
BRI3032	32mm

BRITO BI-HEX IMPACT SOCKETS - 1/2" DRIVE

- Brito impact sockets are made from best grade chrome vanadium steel
- They are hardened and heat treated to ensure that they are normalized and non-warping
- They are extremely accurately made with very close tolerances
- Ideal for use with heavy duty air wrenches



Code	Size
BRI7000	17mm
BRI7002	19mm

BRITO HEX IMPACT SOCKETS - LONG SERIES 1/2" DRIVE

- Brito impact sockets are made from best grade chrome vanadium steel
- They are hardened and heat treated to ensure that they are normalized and non-warping
- They are extremely accurately made with very close tolerances
- Ideal for use with heavy duty air wrenches



Code	Size
BRI7010	10mm
BRI7012	12mm
BRI7013	13mm
BRI7014	14mm
BRI7017	17mm
BRI7018	18mm
BRI7019	19mm

Code	Size
BRI7021	21mm
BRI7024	24mm
BRI7025	25mm
BRI7027	27mm
BRI7028	28mm
BRI7030	30mm
BRI7032	32mm

BRITO BI-HEX IMPACT SOCKETS - LONG SERIES 1/2" DRIVE

- Brito impact sockets are made from best grade chrome vanadium steel
- They are hardened and heat treated to ensure that they are normalized and non-warping
- They are extremely accurately made with very close tolerances
- Ideal for use with heavy duty air wrenches



Code	Size
BRI7004	17mm
BRI7006	19mm

BRITO INJECTOR SOCKET - 1/2" DRIVE

- Used on injectors
- 4 pin impact injector socket
- Heavy duty application high quality steel



Code
BRI2800

BRITO IMPACT REDUCERS 1/2" DRIVE

- Manufactured for use with impact sockets
- Heavy duty application high quality steel



Code	Size
BRI0029	1/2"F - 3/8"M
BRI0030	1/2"F - 3/4"M

STAHLWILLE UNIVERSAL JOINT 1/2" DRIVE

- DIN 3123/ISO 3316
- Chrome alloy steel
- Chrome plated
- Length 68mm



Code	Ref
STW33020000	510IMP

BRITO IMPACT EXTENSIONS 1/2" DRIVE

- Used for extending the reach of the socket
- Specially manufactured for use with impact sockets
- High quality steel



Code	Size
BRI0010	125mm
BRI0012	250mm

BRITO HEX IMPACT SOCKETS - 3/4" DRIVE

- Brito impact sockets are made from best grade chrome vanadium steel
- They are hardened and heat treated to ensure that they are normalized and non-warping
- They are extremely accurately made with very close tolerances
- Ideal for use with heavy duty air wrenches



Code	Size	Code	Size	Code	Size
BRI5017	17mm	BRI5027	27mm	BRI5037	37mm
BRI5018	18mm	BRI5028	28mm	BRI5040	40mm
BRI5019	19mm	BRI5029	29mm	BRI5042	42mm
BRI5020	20mm	BRI5030	30mm	BRI5046	46mm
BRI5021	21mm	BRI5032	32mm	BRI5048	48mm
BRI5022	22mm	BRI5033	33mm	BRI5050	50mm
BRI5023	23mm	BRI5034	34mm	BRI5052	52mm
BRI5024	24mm	BRI5035	35mm	BRI5060	60mm
BRI5026	26mm	BRI5036	36mm		

BRITO BI-HEX IMPACT SOCKETS - 3/4" DRIVE

- Brito impact sockets are made from best grade chrome vanadium steel
- They are hardened and heat treated to ensure that they are normalized and non-warping
- They are extremely accurately made with very close tolerances
- Ideal for use with heavy duty air wrenches



Code	Size
BRI7008	17mm
BRI7009	19mm

BRITO HEX IMPACT SOCKETS - WHEEL NUT - 3/4" DRIVE

- Specially designed for use on square section wheel nuts
- Brito impact sockets are made from best grade chrome vanadium steel
- They are hardened and heat treated to ensure that they are normalized and non-warping
- They are extremely accurately made with very close tolerances
- Ideal for use with heavy duty air wrenches



Code	Size
BRI9087	17mm
BRI9088	21mm
BRI9095	27mm

BRITO HEX IMPACT SOCKETS - LONG SERIES 3/4" DRIVE

- Brito impact sockets are made from best grade chrome vanadium steel
- They are hardened and heat treated to ensure that they are normalized and non-warping
- They are extremely accurately made with very close tolerances
- Ideal for use with heavy duty air wrenches



Code	Size	Code	Size
BRI8018	18mm	BRI8038	38mm
BRI8019	19mm	BRI8041	41mm
BRI8021	21mm	BRI8046	46mm
BRI8022	22mm	BRI8048	48mm
BRI8027	27mm	BRI8050	50mm
BRI8030	30mm	BRI8055	55mm
BRI8033	33mm		

BRITO IMPACT REDUCER - 3/4" Drive

- Allows 3/4" drive sockets to be used with 1" accessories
- Manufactured for use with impact sockets
- Heavy duty application high quality steel



Code	Size
BRI0032	3/4"F - 1"M

STAHLWILLE REDUCER (ADAPTOR) 3/4" DRIVE

- DIN 3123ISO 3316
- HPQ High performance steel
- Chrome plated
- 3/4" socket x 1/2" plug (20 x 12.5)
- Maximum torque 512Nm



Code	Ref
STW35030003	568IMP

STAHLWILLE UNIVERSAL JOINT 3/4" DRIVE

- DIN 3123/ISO 3316
- Chrome alloy steel
- Chrome plated



Code	Ref
STW35020000	561IMP

BRITO UNIVERSAL - 3/4" DRIVE

- Brito impact sockets are made from best grade chrome vanadium steel
- They are hardened and heat treated to ensure that they are normalized and non-warping
- They are extremely accurately made with very close tolerances
- Ideal for use with Heavy duty Air Wrenches



Code
BRI9098

BRITO IMPACT EXTENSIONS - 3/4" DRIVE

- Used for extending the reach of the socket
- Specially manufactured for use with impact sockets
- High quality steel



Code	Size
BRI0015	175mm
BRI0016	250mm
BRI0017	330mm

BRITO SLIDING T BAR - 3/4" DRIVE

3/4"

- Used for loosening or tightening sockets
- Use where extra leverage is required
- Manufactured for use with impact sockets
- Heavy duty application high quality steel



Code
BRI0100

BRITO HEX IMPACT SOCKETS - 1" DRIVE

1"

- Brito impact sockets are made from best grade chrome vanadium steel
- They are hardened and heat treated to ensure that they are normalized and non-warping
- They are extremely accurately made with very close tolerances
- Ideal for use with heavy duty air wrenches



Code	Size
BRI6019	19mm
BRI6021	21mm
BRI6022	22mm
BRI6024	24mm
BRI6025	25mm
BRI6026	26mm
BRI6027	27mm
BRI6028	28mm
BRI6029	29mm
BRI6030	30mm
BRI6032	32mm

Code	Size
BRI6033	33mm
BRI6034	34mm
BRI6035	35mm
BRI6036	36mm
BRI6038	38mm
BRI6040	40mm
BRI6041	41mm
BRI6042	42mm
BRI6044	44mm
BRI6046	46mm

Code	Size
BRI6048	48mm
BRI6050	50mm
BRI6052	52mm
BRI6055	55mm
BRI6060	60mm
BRI6065	65mm
BRI6070	70mm
BRI6075	75mm
BRI6080	80mm
BRI6085	85mm

BRITO HEX IMPACT SOCKETS - LONG SERIES 1" DRIVE

- Brito impact sockets are made from best grade chrome vanadium steel
- They are hardened and heat treated to ensure that they are normalized and non-warping
- They are extremely accurately made with very close tolerances
- Ideal for use with heavy duty air wrenches



Code	Size
BRI9024	24mm
BRI9027	27mm
BRI9030	30mm
BRI9033	33mm
BRI9036	36mm
BRI9038	38mm
BRI9041	41mm

Code	Size
BRI9046	46mm
BRI9050	50mm
BRI9055	55mm
BRI9060	60mm
BRI9070	70mm
BRI9075	75mm

BRITO IMPACT REDUCER - 1" DRIVE

- Allows 1" drive sockets to be used with 3/4" accessories
- Manufactured for use with impact sockets
- Heavy duty application high quality steel



Code	Size
BRI0033	1"F - 3/4"M

STAHLWILLE UNIVERSAL JOINT - 1" DRIVE

- DIN 3123/ISO 3316
- Chrome alloy steel
- Chrome plated



Code	Ref
STW36020000	871IMP

BRITO UNIVERSAL - 1" DRIVE

- Brito impact sockets are made from best grade chrome vanadium steel
- They are hardened and heat treated to ensure that they are normalized and non-warping
- They are extremely accurately made with very close tolerances
- Ideal for use with Heavy duty Air Wrenches



Code	Size
BRI9099	1"

BRITO IMPACT EXTENSIONS - 1" DRIVE

- Used for extending the reach of the socket
- Specially manufactured for use with impact sockets
- High quality steel



Code	Size
BRI0020	175mm
BRI0021	250mm
BRI0022	330mm

BRITO SLIDING T BAR - 1" DRIVE

- Used for loosening or tightening sockets
- Use where extra leverage is required
- Manufactured for use with impact sockets
- Heavy duty application high quality steel



Code
BRI0110

Nut Drivers

STAHLWILLE NUT SPINNER (DRIVER) - 12500N

- DIN 3125
- Chrome Vanadium
- Chrome plated
- 2 component handle



Code	Size
STW43091004	4mm
STW43091045	4.5mm
STW43091005	5mm
STW43091055	5.5mm
STW43091006	6mm
STW43091007	7mm

Code	Size
STW43091008	8mm
STW43091009	9mm
STW43091010	10mm
STW43091011	11mm
STW43091012	12mm
STW43091013	13mm

STAHLWILLE NUT DRIVER - T HANDLE - 12507-2K

- DIN 3125
- Chrome Vanadium
- Matt chrome plated
- 2 component handle



Code	Size
STW43232080	8mm
STW43232100	10mm

GEDORE NUT DRIVERS - 33

- For hexagon head screws, bolts and nuts
- Round blade with deep hexagon socket
- Made from high grade CHROME VANADIUM steel
- Chrome plated



Code	Size
GED36887	10mm
GED36888	11mm
GED36889	12mm
GED36890	13mm
GED36891	14mm

GEDORE NUT DRIVERS - SET 10 - 33/10

- For hexagon head screws, bolts and nuts
- Round blade with deep hexagon socket
- Made from high grade CHROME VANADIUM steel
- Chrome plated
- Contents: 5.5, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0mm



Code
GED96670

BUILT RACO TOUGH!



Raco socket sets are built tough. Even the case is engineered from high impact PVC to be completely resistant to rust and bending. Professional, industrial quality Raco socket sets are designed specifically for heavy duty work and meet DIN3120, DIN3122, DIN3123 & DIN 3124 specifications.

SOCKET - HEX SET - 1/4" DRIVE PROFI-PLUS 19 PIECE - RT5/502

- Manufactured from chrome vanadium steel
- Hardened and tempered for maximum strength
- Socket ends chamfered to allow for positive location and entry
- Satin chrome finish for maximum corrosion protection
- Square drives incorporate spring-loaded retaining ball for secure socket holding
- Case engineered from high impact PVC to be completely resistant to rust and bending
- Contents:
- 1/4" dr Hex sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
- Ratchet handle
- Extension bars: 50, 150mm
- Universal joint
- Spinner handle
- Sliding T-bar

6 Point



DIN 3122 DIN 3123 DIN 3124

Part No.	Size
RIC3415	19 Piece

SOCKET - HEX SET - 1/4" DRIVE PROFI-PLUS 42 PIECE - RT5/504

- Manufactured from chrome vanadium steel
- Hardened and tempered for maximum strength
- Socket ends chamfered to allow for positive location and entry
- Satin chrome finish for maximum corrosion protection
- Square drives incorporate spring-loaded retaining ball for secure socket holding
- Case engineered from high impact PVC to be completely resistant to rust and bending

6 Point

- Contents:
- 1/4"dr hex sockets: 3.2, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
- Ratchet handle: 145mm
- Extension bars: 50, 150mm
- Universal joint
- Bit holder: 1/4"F x 1/4"F
- Spinner handle
- Adaptor for extension: 3/8"F x 1/4"M
- Magnetic socket pick-up
- 1/4" bit 25mm long
- Flat: 4, 5.5, 6.5
- Torx®: T10, T15, T20, T25, T30, T40
- Socket allen key: 3, 4, 5, 6, 8
- Phillips: No 1, No 2, No 3
- Pozi driv: No 1, No 2, No 3



DIN 3122 DIN 3123 DIN 3124

Part No.	Size
RIC3416	42 Piece

SOCKET - HEX SET - 1/4" DRIVE PROFI-PLUS 42 PIECE - RT5/504

- Manufactured from chrome vanadium steel
- Hardened and tempered for maximum strength
- Socket ends chamfered to allow for positive location and entry
- Satin chrome finish for maximum corrosion protection
- Square drives incorporate spring-loaded retaining ball for secure socket holding
- Case engineered from high impact PVC to be completely resistant to rust and bending

6 Point

- Contents:
- 1/4"dr hex sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
- 1/4" dr hex sockets deep: 5, 6, 7, 8, 9, 10, 11, 12, 13mm
- Ratchet handle: 145mm
- Extension bars: 50, 100, 150mm
- Universal joint
- Spinner handle
- Magnetic socket pick-up
- Sliding T-bar
- Hex ball allen key - long: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm
- 1/4" Socket bits 32mm long
- Flat: 4, 5.5, 6.5mm
- Torx®: T8, T10, T15, T20, T25, T27, T30, T40
- Hex: 3, 4, 5, 6, 7, 8, 10mm
- Phillips: No1, No 2, No 3
- Pozi driv: No1, No 2, No 3



DIN 3122 DIN 3123 DIN 3124

Part No.	Size
RIC3418	63 Piece

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SUPER DRIVE SOCKET SET ON RAIL - 1/4" SET 12 PIECE - RT4/272B

- Super Drive socket is the only tool you need for all varieties of bolts
- Round is not the perfect shape, six sided and wedge shaped sockets will damage bolts and nuts when transferring high forces
- Super drive sockets have a unique profile which enables the use of sockets on metric, SAE, Torx®, spline and square shaped bolts and nuts
- Chrome vanadium steel, correctly hardened and tempered for maximum strength and durability
- Satin chrome plated for corrosion protection
- Supplied with steel rail, pre-punched for wall mounting
- Contents:
- Super drive sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13mm

Part No.	Size
RIC6300	12 Piece

Super-Drive
One socket/spanner for every type of bolt!



1/4" DRIVE HEX SOCKET SET - 19 PIECE - 40/13/6

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them
- In sturdy sheet steel case
- Contents:
- 13 x Hexagon sockets: No.40 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13mm
- 1 x Ratchet: 415
- 2 x Extensions: 405/2 (54mm), 405/6 (150mm)
- 1 x Universal joint: 407
- 1 x Drive handle: 400
- 1 X T- Handle: 404

Part No.	Ref
STW96010124	40/13/6



1/4" DRIVE HEX SOCKET SET - 30 PIECE - 40/24/QR

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them
- In sturdy ABS plastic case
- Contents:
- 12 x Hexagon sockets: No 40 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
- 3 x Screwdriver sockets flat: 41K 0.6 x 3.5, 1.0 x 5.5, 1.2 x 8mm
- 5 x Inhex sockets: 44K 3, 4, 5, 6, 8mm
- 2 x Screwdriver sockets Phillips: 44P 1, 2
- 2 Screwdriver sockets Pozi drive 44PZ 1, 2
- 1 x Ratchet: 415QR
- 2 x Extensions: 405QR/2 (54mm), 405QR/6 (150mm)
- 1 x Universal joint: 407QR
- 1 x Drive handle: 400QR
- 1 x T- Handle

Part No.	Ref
STW96010182	40/24/6QR



1/4" DRIVE HEX SOCKET SET - 13 PIECE - 40AD/9/4

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them
- In sturdy sheet steel case
- Contents
- 9 x Bi-Hexagon sockets : 40ad 3/16" 7/32" ¼" 9/32" 5/16", 11/32" 3/8" 7/16" ½"
- 1 x Ratchet 415
- 2 x Extensions: 405/2 (54mm), 405/6 (150mm)
- 1 x Universal joint 407

Part No.	Ref
STW96015302	40AD/9/4



1/4" DRIVE HEX SOCKET SET - 33 PIECE - 40MA/25/8N

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them
- In sturdy sheet steel case
- Contents:
- 25 x Hexagon sockets: No40 3.2, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
- No 40A 3/16", 7/32", ¼", 9/32", 5/16", 11/32", 3/8", 7/16",1/2",9/16"
- 1 x Ratchet: 415
- 2 x Extensions: 405/2 (54mm), 405/6 (150mm)
- 1 x Extension, flexible 406 (152mm)
- 1 x Universal joint 407
- 1 x Drive handle 400
- 1 x Flexible handle 403
- 1 X T- Handle 404

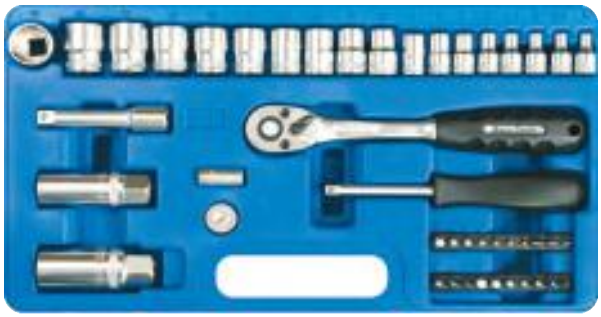
Part No.	Ref
STW96010162	40MA/25/8N



SOCKETS - SUPER DRIVE SET - 1/4” & 3/8” 45 PIECE - RT4/393B

Super-Drive
One socket/spanner for every type of bolt!

- Super drive socket is the only tool you need for all varieties of bolts
- Round is not the perfect shape, six sided and wedge shaped sockets will damage bolts and nuts when transferring high forces
- Super drive sockets have a unique profile which enables the use of sockets on metric, SAE, Torx®, spline and square shaped bolts and nuts
- Chrome vanadium steel, correctly hardened and tempered for maximum strength and durability
- Satin chrome plated for corrosion protection
- Supplied blow case
- Contents:
- Super drive sockets 1/4” drive: 4, 4.5, 5, 5.5, 6, 7, 8, 9mm
- Super drive sockets 3/8” drive: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
- Spinner handle: 1/4” drive
- Hex coupler:1/4” x 1/4”
- Adaptor: 1/4”(M) x 3/8”(F)
- Ratchet: 3/8” drive
- Extension: 3/8” drive 75mm
- Spark plug socket: 3/8” drive16, 21mm
- Bits 1/4” hex
- Hexagon: 3, 4, 5, 6mm
- Flat: 4, 5.5, 7mm
- Phillips: No1, No 2, No 3
- Pozi driv: No 1, No 2, No 3
- Torx®: T8, T10, T15, T25, T27, T30, T40







One socket for every type of bolt!

Part No.	Size
RIC6330	45 Piece

DIN 3122 | DIN 3123 | DIN 3124

SOCKETS - SUPER DRIVE SET - 1/4", 3/8" & 1/2" 111 PIECE - RT4/511B

Super-Drive
One socket/spanner for every type of bolt!

- Super drive socket is the only tool you need for all varieties of bolts
- Round is not the perfect shape, six sided and wedge shaped sockets will damage bolts and nuts when transferring high forces
- Super drive sockets have a unique profile which enables the use of sockets on metric, SAE, Torx®, spline and square shaped bolts and nuts
- Chrome vanadium steel, correctly hardened and tempered for maximum strength and durability
- Satin chrome plated for corrosion protection
- Supplied blow case
- Contents:
- Super drive sockets 1/4” drive: 3.2, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13mm
- Spark plug socket: 3/8” drive 14, 18mm
- Spark plug socket 1/2” drive 16, 21mm
- Super drive socket 3/8” drive: 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
- Super drive sockets 1/2” drive: 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32mm
- Spinner handle 1/4”
- Sliding T- Bar 1/4”
- Super drive Combination spanner: 8, 9, 10, 11, 12, 13, 14
- 15, 16, 17, 18, 19mm
- Allen key: 1.5, 2, 2.5mm
- Ratchet 1/4” drive
- Ratchet 3/8” drive
- Ratchet 1/2” drive
- Adaptor: 3/8'(F) x 1/4”(M), 3/8”(F) x 1/2'(M), 1/2”(F) x 3/8”(M)
- Extension 1/4” drive: 50, 150mm
- Extension 3/8” drive: 75, 150mm
- Extension 1/2” drive: 125, 250mm
- Socket bits 1/4” Drive:
- Hexagon: 3, 4, 5, 6, 7, 8mm
- Flat: 4, 5.5, 7mm
- Phillips: No 1, No 2, No 3
- Pozi driv: No 1, No 2, No 3
- Universal joint 1/4” drive
- Universal joint 3/8” drive
- Universal joint 1/2” drive
- Coupler: 3/8”dr x 5/16 Hex, 1/2”dr x 5/16” Hex
- Spline: T10, T15, T20, T25, T30, T40
- Socket bits 5/16” Drive:
- Hexagon: 8, 10, 12, 14mm
- Flat: 8, 10, 12mm
- Phillips: No 3, No 4
- Pozi driv: No 3, No 4
- Spline: T40, T45, T50, T55





Super Drive
Combination Spanner Set
Stored in lid



DIN 3122 | DIN 3123 | DIN 3124

Part No.	Size
RIC6340	111 Piece

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SOCKET COMBO SET - 1/4" & 1/2" DRIVE PROFI-PLUS 43 PIECE - RT5/532

- Manufactured from chrome vanadium steel
- Hardened and tempered for maximum strength
- Socket ends chamfered to allow for positive location and entry
- Satin chrome finish for maximum corrosion protection
- Square drives incorporate spring-loaded retaining ball for secure socket holding
- Case engineered from high impact PVC to be completely resistant to rust and bending
- Contents:
- 1/4" Drive Super lock sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
- 1/2" Drive Bi-hex sockets: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32mm
- Ratchet Handle: 145mm
- Extension Bars: 50, 150mm
- Sliding T Bar
- Universal Joint
- Spinner
- Ratchet Handle: 245mm
- Swivel Handle: 375mm
- Extension Bars: 125, 250mm
- Sliding T Bar
- Universal Joint

12 Point



DIN 3122 DIN 3123 DIN 3124

Part No.	Size
RIC3422	43 Piece

SOCKET COMBO SET – ¼" & ½' DRIVE PROFI-PLUS 87 PIECE - RT5/534

- Super drive socket is the only tool you need for all varieties of bolts
- Round is not the perfect shape, six sided and wedge shaped sockets will damage bolts and nuts when transferring high forces
- Super drive sockets have a unique profile which enables the use of sockets on metric, SAE, Torx®, spline and square shaped bolts and nuts
- Chrome vanadium steel, correctly hardened and tempered for maximum strength and durability
- Satin chrome plated for corrosion protection
- Supplied Blow case
- Contents:
- **1/4" Drive**
  14 - 6 Pt. flank sockets 3.2, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
  9 – 6Pt deep flank drive sockets 5, 6, 7, 8, 9, 10, 11, 12, 13mm
  Ratchet ¼" drive
  Spinner handle
  Extensions ¼" drive 50, 100, 150mm
  Sliding T-bar
  Universal Joint
  Magnetic Socket Pick-up
  Socket Bits 32mm Long
  Hexagon 3, 4, 5, 6, 7, 8, 10mm
  Flat 4, 5,5, 6.5mm
  Phillips No 1, No 2, No 3
  Pozi drive No 1, No 2, No 3
  Spline T8, T10, T15, T20, T25 ,T27, T30, T40
- **1/2"Drive**
  18 - 6 Pt. flank sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32mm
  Universal Joint
  Extensions 125, 250mm
  Ratchet
  Adaptor For Extension 3/8"F x ½"M
  Allen keys Ball Point Long Series 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm



DIN 3122 DIN 3123 DIN 3124

12 Point

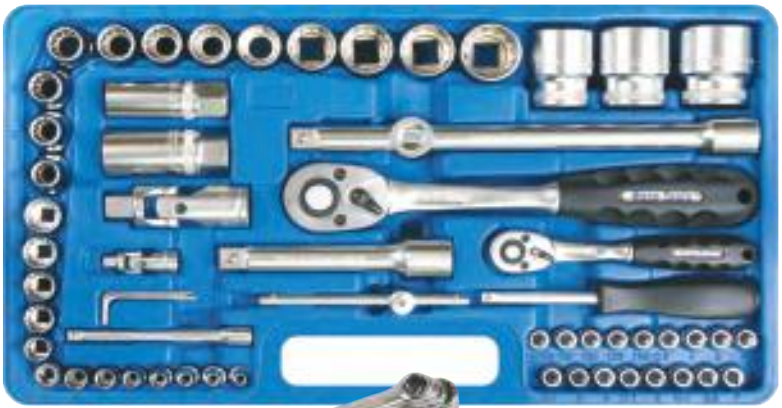
Part No.	Size
RIC3424	87 Piece

SOCKETS - SUPER DRIVE SET - 1/4" & 1/2" - 68 PIECE - RT4/498B

Super-Drive
One socket/spanner for every type of bolt!

- Super drive socket is the only tool you need for all varieties of bolts
- Round is not the perfect shape, six sided and wedge shaped sockets will damage bolts and nuts when transferring high forces

- Super drive sockets have a unique profile which enables the use of sockets on metric, SAE, Torx®, spline and square shaped bolts and nuts
- Chrome vanadium steel, correctly hardened and tempered for maximum strength and durability
- Satin chrome plated for corrosion protection
- Supplied Blow case
- Contents:
- Super drive sockets 1/4" drive: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
- Super drive sockets 1/2" drive: 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27, 30, 32mm
- Spark plug socket 1/2" drive 16, 21mm
- Spinner handle 1/4"
- Sliding T- Bar 1/4"
- Super drive Combination spanner: 10, 11, 12, 13, 14, 15, 17, 19mm
- Allen key: 1.5, 2, 2.5mm
- Ratchet 1/4" drive
- Adaptor: 1/2" (M) x 3/8" (F)
- Ratchet 1/2" drive
- Socket bits 1/4" Drive:
- Hexagon: 3, 4, 5, 6mm
- Flat: 4, 5.5, 7mm
- Phillips: No 1, No 2, No 3
- Pozi driv: No 1, No 2
- Spline: T10, T15, T20, T25, T30
- Extension 1/4" drive: 100mm
- Extension 1/2" drive: 125, 250mm
- Universal joint 1/4" drive
- Universal joint 1/2" drive

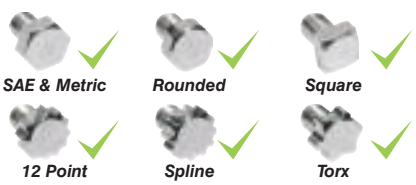




Super Drive
Combination Spanner Set
Stored in lid







DIN 3122 DIN 3123 DIN 3124

One socket for every type of bolt!

Part No.	Size
RIC6335	68 Piece

SOCKET SET - 3/8"DRIVE - PROFI-PLUS 22 PIECE - RT5/553

- Manufactured from chrome vanadium steel
- Hardened and tempered for maximum strength
- Socket ends chamfered to allow for positive location and entry

- Satin chrome finish for maximum corrosion protection
- Square drives incorporate spring-loaded retaining ball for secure socket holding
- Case engineered from high impact PVC to be completely resistant to rust and bending
- Contents:
- 3/8" Drive Bi-Hex sockets: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22mm
- Spark plug spanners: 16, 21mm
- Ratchet handle
- Extension bars: 75, 150mm
- Universal Joint
- Sliding T- handle

12 Point



DIN 3122 DIN 3123 DIN 3124

Part No.	Size
RIC3435	22 Piece

SUPER DRIVE SOCKET SET ON RAIL - 3/8" SET 8 PIECE - RT4/383B

DIN 3122 DIN 3123 DIN 3124

- Super Drive socket is the only tool you need for all varieties of bolts
- Round is not the perfect shape, six sided and wedge shaped sockets will damage bolts and nuts when transferring high forces
- Super drive sockets have a unique profile which enables the use of sockets on metric, SAE, Torx®, spline and square shaped bolts and nuts
- Chrome vanadium steel, correctly hardened and tempered for maximum strength and durability
- Satin chrome plated for corrosion protection
- Supplied with steel rail, pre-punched for wall mounting
- Contents:Super drive sockets8, 10, 12, 13, 14, 16, 17, 19mm

Part No.	Size
RIC6305	8 Piece

Super-Drive
One socket/spanner for every type of bolt!



SUPER DRIVE SOCKET SET WITH BRACKET - 3/8" SET 12 PIECE - RT4/385B

- Super Drive socket is the only tool you need for all varieties of bolts
- Round is not the perfect shape, six sided and wedge shaped sockets will damage bolts and nuts when transferring high forces
- Super drive sockets have a unique profile which enables the use of sockets on metric, SAE, Torx®, spline and square shaped bolts and nuts
- Chrome vanadium steel, correctly hardened and tempered for maximum strength and durability
- Satin chrome plated for corrosion protection
- Supplied with bracket
- Contents:Super drive sockets8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19mm
- Ratchet 3/8" drive

Part No.	Size
RIC6310	12 Piece

Super-Drive
One socket/spanner for every type of bolt!



DIN 3122 DIN 3123 DIN 3124

3/8" DRIVE - BI-HEX SOCKET SET - 33 PIECES - 45MA/28/5

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them
- In sturdy sheet steel case
- Contents:
- 28 x Bi-Hexagon sockets: No.45: 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm
- No.45A: 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"
- 1 x Ratchet: 435
- 2 x Extensions: 427/3 (76mm), 427/10 (240mm)
- 1 x T- Handle: 425
- 1 x Universal joint: 428

Part No.	Ref
STW96020122	45MA/28/5



SOCKET - SET 3/8" DRIVE - D30 FMZ

- For manually operated sockets with thin walls and knurled base
- CHROME VANADIUM steel 31CrV3
- Chrome plated and polished
- Contents:
- Accessories:
- 3093Z-94 Ratchet
- 3090/125, Extension
- Inserts: D30 F
- Sockets: D30: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm
- Supplied in blue powder coated D30 K-steel box

Part No.
GED623202



SOCKET - SET 3/8" DRIVE - D30 HMZ

- Contents:
  Accessories:
- 3093Z-94 Ratchet
  3081 "L" Handle
  3087 Sliding "T" handle
  3090/125, 3090/250 Extension
  3095 Universal
  Inserts: D30 H
  Sockets: 30 & D30: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm
- Supplied in blue powder coated D19 J-steel box



Part No.
GED623962

SOCKET - SET 3/8" DRIVE C PROFILE - C30 HMZ

- Contents:
  Accessories:
- 3093Z-94 Ratchet
- 3081 Long handle
- 3087 Sliding "T" handle
- 3090/125, 3090/250 Extension
- 3095 Universal joint
- Inserts: D30 H
- Sockets: 30&C30: 6, 7, 8-5/16", 9-11/32", 10-3/8", 11, 12, 13-1/2", 14, 15-19/32", 16-5/8", 17, 18, 19-3/4", 20-25/32", 21-13/16", 22mm
- Supplied in blue powder coated D19 J-steel box



Part No.
GED622346

SOCKET SET - SUPER DRIVE - 1/2" DRIVE - 27 PIECE - RT4/495

Super-Drive
One socket/spanner for every type of bolt!

- Super drive socket is the only tool you need for all varieties of bolts
- Round is not the perfect shape, six sided and wedge shaped sockets will damage bolts and nuts when transferring high forces
- Super drive sockets have a unique profile which enables the use of sockets on metric, SAE, Torx®, spline and square shaped bolts and nuts
- Chrome vanadium steel, correctly hardened and tempered for maximum strength and durability
- Satin chrome plated for corrosion protection
- Contents: Super drive sockets 1/2": 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32mm
- Ratchet
- Extension bars: 125, 250mm
  Universal Joint
- Spark plug socket: 16, 21mm
- Sliding T-bar







DIN 3122 DIN 3123 DIN 3124

One socket for every type of bolt!

Part No.	Size
RIC6325	27 Piece

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SOCKET SET - 1/2" DRIVE PROFI-PLUS 13 PIECE - RT5/562

- Manufactured from chrome vanadium steel
- Hardened and tempered for maximum strength
- Socket ends chamfered to allow for positive location and entry
- Satin chrome finish for maximum corrosion protection
- Square drives incorporate spring-loaded retaining ball for secure socket holding
- Case engineered from high impact PVC to be completely resistant to rust and bending
- Contents:
- 1/2" drive Bi-Hex sockets: 8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 22mm
  Ratchet handle
  Extension bar 125mm

DIN 3122 | DIN 3123 | DIN 3124

12 Point



Part No.	Size
RIC3440	13 Piece

SOCKET SET - 1/2" DRIVE PROFI-PLUS 28 PIECE - RT5/567

- Manufactured from chrome vanadium steel
- Hardened and tempered for maximum strength
- Socket ends chamfered to allow for positive location and entry
- Satin chrome finish for maximum corrosion protection
- Square drives incorporate spring-loaded retaining ball for secure socket holding
- Case engineered from high impact PVC to be completely resistant to rust and bending
- Contents:
- 1/2" drive Bi-Hex sockets: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32mm
- Ratchet
- Extension bars: 125, 250mm
- Universal joint
- Sliding T bar
- Speed brace
- Spark plug spanners: 16, 21mm

DIN 3122 | DIN 3123 | DIN 3124

12 Point



Part No.	Size
RIC3445	28 Piece

SUPER DRIVE SOCKET SET WITH BRACKET 1/2" SET 11 PIECE - RT4/488B

Super-Drive
One socket/spanner for every type of bolt!

- Super Drive socket is the only tool you need for all varieties of bolts
- Round is not the perfect shape, six sided and wedge shaped sockets will damage bolts and nuts when transferring high forces
- Super drive sockets have a unique profile which enables the use of sockets on metric, SAE, Torx®, spline and square shaped bolts and nuts
- Chrome vanadium steel, correctly hardened and tempered for maximum strength and durability
- Satin chrome plated for corrosion protection
- Supplied with bracket
- Contents:Super drive sockets10, 11, 12, 13, 14, 15, 17, 19, 22, 24mm
- Ratchet 1/2" drive



Part No.	Size
RIC6320	11 Piece

SUPER DRIVE SOCKET SETS ON RAIL - 1/2" DRIVE

Super-Drive
One socket/spanner for every type of bolt!

- Super Drive socket is the only tool you need for all varieties of bolts
- Round is not the perfect shape, six sided and wedge shaped sockets will damage bolts and nuts when transferring high forces
- Super drive sockets have a unique profile which enables the use of sockets on metric, SAE, Torx®, spline and square shaped bolts and nuts
- Chrome vanadium steel, correctly hardened and tempered for maximum strength and durability
- Satin chrome plated for corrosion protection
- Supplied with steel rail, pre-punched for wall mounting

DIN 3122 DIN 3123 DIN 3124



Part No.	Size	Contents	Ref.
RIC6315	8 Piece	8, 10, 12, 13, 14, 16, 17, 19mm	RT4/485B
RIC6317	10 Piece	10, 11, 12, 13, 14, 15, 17, 19, 22, 24mm	RT4/486B

SOCKET SET - 1/2" DRIVE - BI-HEX - 23 PIECES - 50/17/6

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them
- In sturdy steel case
- Contents:
- 17 x Bi-Hexagon sockets: No.50: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32, 34mm
- 1 x Ratchet: 512
- 3 x Extensions: 509/3 (75mm), 509/5 (130mm), 509/10 (255mm)
- 1 x T-Handle: 506
- 1 x Universal joint: 510



Part No.	Ref
STW96030147	50/17/6

SOCKET SET - 1/2" DRIVE - BI-HEX - 23 PIECES - 50A/17/6

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them
- In sturdy steel case
- Content:
  17 Bi-Hexagon sockets: 50a: 3/8", 7/16", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4", 25/32", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"
- 3 x Extensions: 509/3 (75mm), 509/5 (130mm), 509/10 (255mm)
- 1 x Ratchet: 512
- 1 x T-Handle: 506
- 1 x Universal joint: 510



Part No.	Ref
STW96034125	50A/17/6

SOCKET SET–1/2" DRIVE – BI-HEX – 45 PIECES - 50MA/39/6N

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile
- This permits high transmission of forces to lands of nuts and bolts without damaging them
- In sturdy steel case
- Content
- 39 Bi-Hexagon sockets No.50 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34mm
- No.50a 3/8", 7/16", ½", 9/16", 19/32", 5/8", 11/16", ¾", 25/32", 13/16", 7/8:" 15/16", 1", 1 1/16", 1 1/8", 1 3/16", 1 ¼"
- 1 x Ratchet 512
- 3 x Extensions 509/3 (75mm), 509/5 (130mm), 509/10 (255mm)
- 1 x T-Handle 506
- 1 x Universal joint 510



Part No.	Ref
STW96030140	50MA/39/6N

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SOCKET SET - 1/2" DRIVE D19MK

- Manually operated sockets with thin walls and knurled bases
- CHROME VANADIUM steel - 31CrV3
- Chrome plated and polished
- Contents:
  Sockets: D19: 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22, 23, 24, 26, 27, 28, 30, 32mm
- Supplied in blue powder coated D19 KM-steel box



Part No.
GED614122

SOCKET SET 1/2" DRIVE C19MK

- Manually operated sockets with thin walls and knurled base
- CHROME VANADIUM steel – 31CrV3
- Chrome plated and polished
- Contents:
  Sockets: C19: 8-5/16", 10-3/8", 11, 12, 13/1/2", 14, 15-19/32", 16-5/8", 17, 19-3/4:, 22, 23, 24-15/16", 26-1", 27-1 1/16", 28, 30-1 3/16", 32-1 1/4"
- Supplied in blue power coated D19 KM-steel box



Part No.
GED612936

SOCKET SET 1/2" DRIVE - D19AK

- Manually operated sockets with thin walls and knurled bases
- CHROME VANADIUM steel - 31CrV3
- Chrome plated and polished
- Contents:
  Sockets: D19 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1', 1 1/16", 1 1/8", 1 3/16", 1 1/4"
- Supplied in powder coated D19 KM-steel box



Part No.
GED616419

SOCKET SET - BI-HEX 1/2" DRIVE D19 KMZ

- Manually operated sockets with thin walls and knurled base
- CHROME VANADIUM steel - 31CrV3
- Chrome plated and polished
- Contents:
  Insert: D19K

Accessories:
1993Z-94 Ratchet
1990/125, Extension
Sockets: D19 10, 12, 13, 14, 15, 17, 19, 22, 24, 27mm

- Supplied in blue powder coated D19 K-steel box



Part No.
GED614653

SOCKET SET - BI-HEX 1/2" DRIVE D19 HMZ

- Manually operated sockets with thin walls and knurled base
- CHROME VANADIUM steel -31CrV3
- Chrome plated and polished
- Contents:
  Insert: D19H
  Accessories:

1993Z-94 Ratchet
1990/125, Extension
Sockets: D19 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22mm

- Supplied in blue powder coated D19 K-steel box



Part No.
GED614610

SOCKET SET 1/2" DRIVE - C19HMZ

- Manually operated sockets with thin walls and knurled base
- CHROME VANADIUM steel - 31CrV3
- Chrome plated and polished
- Contents:
  Insert D19 H

Accessories:
1993Z-94 Ratchet
1990/125 Extension
Sockets: C19 8-5/16", 10-3/8", 11, 12, 13-1/2", 14, 15-19/32", 16-5/8", 17, 19-3/4", 22mm

- Supplied in blue powder coated, D19 K-steel box



Part No.
GED612286

SOCKET SET - BI-HEX 1/2" DRIVE - D19/22 TMZ

- Manually operated sockets with thin walls and knurled bases
- CHROME VANADIUM steel - 31CrV3
- Chrome plated and polished
- Contents:
- Insert: D19/22 T
- Accessories:
- 1993Z-94 Ratchet
- 1987 Sliding "T" Bar
- 1990/125, 1990/250 Extension
- 1995 Universal joint
- Sockets:
- D19: 8, 9, 10, 11, 12, 13, 14, 15,
- 16, 17, 18, 19, 20, 21, 22, 24, 26, 27, 28, 29, 30, 32mm
- Supplied in blue powder coated steel box: D19 T



Part No.
GED616524

SOCKET SET - BI-HEX 1/2" DRIVE D19/22 TMU-10T

- Manually operated sockets with thin walls and knurled bases
- CHROME VANADIUM steel - 31CrV3
- Chrome plated and polished
- Contents:
- Insert: D19/22 T
- Accessories:
- 1993U-10T Ratchet
- 1987 Sliding "T" bar
- 1990/125, 1990/250 Extension
- 1995 Universal joint
- Sockets:
- D19: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 26, 27, 28, 29, 30, 32mm
- Supplied in blue powder coated steel box: D19 Y



Part No.
GED616532

SOCKET - SET - BI-HEX 1/2" DRIVE D19 TMU-10T

- Manually operated sockets with thin walls and knurled base
- CHROME VANADIUM steel - 31CrV3
- Chrome plated and polished
- Contents:
- Insert: D19T
- Accessories:
- 1993U-10T Ratchet
- 1985 Speed brace handle
- 1987 Sliding "T" bar
- 1990/125, 1990/250 Extension
- 1995 Universal joint
- Sockets: D19: 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 23, 24, 26, 27, 28, 30, 32mm
- Supplied in blue powder coated steel box: D19 T



Part No.
GED615196

SOCKET SET - 1/2" DRIVE - BI-HEX D19TAU-10T

- Manually operated sockets
- Knurled base
- Chrome vanadium steel 31CrV3
- Chrome plated and polished
- Supplied in blue powder coated steel case with matt black finish insert
- CONTENTS:
- Sockets: 5/16", 3/8", 13/32", 7/16", 1 /2", 9/16", 19/32', 5/8", 11/16", 3/4", 25/32", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"
- Accessories:
- 1993U-10T Ratchet Spanner
- 1990 / 125 Extension bar 125mm
- 1990 / 250 Extension bar 250mm
- 1985 Speed brace
- 1995 Universal joint
- 1987 Sliding "T" bar
- D19 T- Insert
- D19 T- Box



Part No.
GED616206

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SOCKET SET - BI-HEX 1/2" DRIVE D19 TMZ

- Manually operated sockets with thin walls and knurled base
- CHROME VANADIUM steel - 31CrV3
- Chrome plated and polished
- Contents:
  Insert: D19T
- Accessories:
- 1993Z-94 Ratchet
- 1985 Speed brace handle
- 1987 Sliding "T" bar
- 1990/125, 1990/250 Extension
- 1995 Universal joint
- Sockets: D19: 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 23, 24, 26, 27, 28, 30, 32mm
- Supplied in blue powder coated steel box: D19 T



Part No.
GED614831

SOCKET SET BI-HEX 1/2" DRIVE - D19 TM97-Z

- Manually operated sockets with thin walls and knurled base
- CHROME VANADIUM steel - 31CrV3
- Chrome plated and polished
- Contents:
- Insert: D19T 97
- Accessories:
- 1993Z-94 Ratchet
- 1990/125, 1990/250 Extension
- 1997/375 Power bar
- 50-20.8 Spark plug socket
  Sockets: D19: 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 22, 24, 27, 30, 32mm
- Supplied in blue powder coated steel box: D19 T



Part No.
GED615293

SOCKET SET - BI-HEX 1/2" DRIVE D19 TMAZ

- Manually operated sockets with thin walls and knurled base
- CHROME VANADIUM steel - 31CrV3
- Chrome plated and polished
- Contents:
- Insert: D19T
- Accessories:
- 1993Z-94 Ratchet
- 1985 Speed brace handle
- 1987 Sliding "T" bar
- 1990/125, 1990/250 Extension
- 1995 Universal joint
- Sockets: D19: 10, 13, 14, 15, 16, 17, 19, 21, 22, 23, 24, 26, 27, 28, 30, 32mm
- Supplied in blue powder coated steel box: D19 T



Part No.
GED614572

SOCKET SET 1/2" DRIVE - C19TMZ

- Manually operated sockets with thin walls and knurled base
- CHROME VANADIUM steel - 31CrV3
- Chrome plated and polished
- Contents:
- Insert: D19 T
- Accessories:
- 1993Z-94 Ratchet
- 1985 Speed brace handle
- 1987 Sliding "T" handle
- 1990/125, 1990/250 Extension
- 1995 Universal joint
- Sockets: C19: 8-5/16", 10-3/8", 11, 12, 13-1/2", 14, 15-19/32", 16-5/8", 17, 18, 19-3/4", 21-13/16", 22, 24-15/16", 26-1", 27-1 1/16", 29-1 1/8", 30-1 3/16", 32-1 ¼"
- Supplied in blue powder coated sheet box: D19 T



Part No.
GED612456

SOCKET SET - 1/2" DRIVE C PROFILE - C19/22TMZ

- Manually operated sockets with thin walls and knurled base
- CHROME VANADIUM steel - 31CrV3
- Chrome plated and polished
- Contents:
- Insert D19/22T
- Accessories:
- 1993Z-94 Ratchet
- 1987 Sliding "T" bar
- 1990/125 extension, 1990/250 extension
- 1995 Universal joint
- Sockets: C19: 8-5/16", 9-11/32", 10-3/8", 11, 12, 13-1/2", 14, 15-19/32", 16-5/8", 17, 18, 19-3/4", 20-25/32", 21-13/16', 22, 24-15/16", 26-1", 27-1 1/16", 28, 29-1 1/8", 30-1 3/16", 32-1 1/4"
- Supplied in blue powder coated, steel box: D19 T



Part No.
GED611980

SOCKET SET - BI-HEX 1/2" DRIVE D19 YMAU-10T

- Manually operated sockets with thin walls and knurled bases
- CHROME VANADIUM steel - 31CrV3
- Chrome plated and polished
- Contents:
- Insert: D19 Y
- Accessories:
- 1993U-10T Ratchet
- 1985 Speed brace handle
- 1987 Sliding "T" bar
- 1990/125, 1990/250 Extension
- 1995 Universal joint
- 50-20.2 Spark plug socket
- Sockets: D19: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27mm
  Sockets: D19 5/16", 11/32", 3/8", 13/32", 7/16", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4", 25/32", 13/16", 7/8", 15/16/, 1"
- Supplied in blue powder coated steel box: D19 Y



Part No.
GED616222

SOCKET SET - BI-HEX 1/2" DRIVE D19 IBMZ

- Manually operated sockets with thin walls and knurled bases
- CHROME VANADIUM steel - 31CrV3
- Chrome plated and polished
- Contents:
- Insert: D19 1B
- Accessories:
- 1993Z-94 Ratchet
- 1990/125, Extension
- 137/250 Grip Plier
- 141/250 Universal Plier
- Sockets: D19: 10, 11, 12, 13, 14, 15, 16, 17, 19, 22mm
- Spanner: 1B: 10, 11, 13, 14, 17, 19, 22mm
- Supplied in blue powder coated steel box: D19 1B



Part No.
GED615595

SOCKET - SET - BI-HEX 1/2" DRIVE D19 YM1B-10T

- Manually operated sockets with thin walls and knurled bases
- CHROME VANADIUM steel - 31CrV3
- Chrome plated and polished
- Contents:
- Insert: D19 YM1B
- Accessories:
- 1993U-10T Ratchet
- 1990/125, Extension
- 1997/375 Power bar
- 50-20.8 Spark plug socket
- Sockets: D19: 10, 11, 12, 13, 14, 15, 16, 17, 19, 22, 24mm
- Spanners: 1B: 10, 11, 12, 13, 14, 15, 16, 17, 19, 22, 24mm
- Supplied in blue powder coated steel box: D19 Y



Part No.
GED616230

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SOCKET SET - BI-HEX 1/2" DRIVE - D19 62MU-10T

- Manually operated sockets with thin walls and knurled bases
- CHROME VANADIUM steel - 31CrV3
- Chrome plated and polished
- Contents:
- Insert: D19 T
- Accessories:
- 1993U-10T Ratchet
- 1985 Speed brace handle
- 1987 Sliding "T" bar
- 1990/125, 1990/250 Extension
- 1995 Universal joint
- Sockets: D19: 5/16", 3/8", 13/32", 7/16", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4", 25/32", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"
- Supplied in blue powder coated steel box: D19 T

Part No.
GED616001



SOCKET SET - HEX BIT 8 PIECE - RT5/228

- Manufactured from chrome vanadium steel with high quality S2 screwdriver head
- Hardened and tempered and precision machined to deliver maximum turning power for maximum strength
- Satin chrome plated for corrosion protection
- Contents:
- Hex socket bits:
- 5, 6, 7, 8, 10, 12mm x 55mm long
- 14mm x 65 mm long
- 17mm x 70 mm long
- Case engineered from high impact PVC to be completely resistant to rust and bending

Part No.	Size
RIC3470	8 Piece





SOCKET - WITH HEXAGON BITS 1/2"DRIVE SET 10 PIECE - IN19 PM-10

- For hexagon head screws
- Manually operated sockets with knurled base
- Sockets - CHROME VANADIUM steel - 31CRV3
- Bits - CHROME VANADIUM steel - 59CrV4
- Insert: IN19PM - 10
- Contents:
- Sockets:
- IN19: 5, 6, 7, 8, 9, 10, 12, 14, 17, 19mm
- Supplied in black matt finish insert

Part No.
GED617415



SOCKET - WITH HEXAGON BITS 1/2"DRIVE SET 10 PIECE - IN19 PM-5D

- For hexagon head screws
- Manually operated sockets with knurled base
- Sockets - CHROME VANADIUM steel - 31CRV3
- Bits - CHROME VANADIUM steel - 59CrV4
- Insert: IN19 - 5D
- Contents:
- Sockets:
- IN19: 6, 8, 10, 12, 14mm
- IN19L: 6-100, 8-100, 10-100, 12-100, 14-100mm
- Supplied in black matt finish insert

Part No.
GED617423



SOCKET - WITH HEXAGON BITS 1/2"DRIVE SET 10 PIECE - IN19 PA-10

- For hexagon head screws
- Manually operated sockets with knurled base
- Sockets - CHROME VANADIUM steel - 31CRV3
- Bits - CHROME VANADIUM steel - 59CrV4
- Insert: IN19PA - 10
- Contents:
- Sockets:
- IN19: 3/16", 7/32", 1/4", 9/32", 5/16", 3/8", 1/2", 9/16", 5/8"
- IKS19: 2
- Supplied in black matt finish insert

Part No.
GED617431



SOCKET WITH HEXAGON BITS 1/2"DRIVE SET 6 PIECE IN19 PA-6

- For hexagon head screws
- Manually operated sockets with knurled base
- Sockets - CHROME VANADIUM steel - 31CRV3
- Bits - CHROME VANADIUM steel - 59CrV4
- Insert: IN19 - 6
- Contents:
- Sockets:
- IN19: 3/16", 1/4", 5/16", 3/8", 1/2", 9/16"
- Supplied in black matt finish insert



Part No.
GED617849

SOCKET WITH HEXAGON BITS 1/2"DRIVE SET 6 PIECE- IN19 PM-6

- For hexagon head screws
- Manually operated sockets with knurled base
- Sockets - CHROME VANADIUM steel - 31CRV3
- Bits - CHROME VANADIUM steel - 59CrV4
- Insert: IN19 - 6
- Contents:
- Sockets:
- IN19: 5, 6, 8, 10, 12, 14mm
- Supplied in black matt finish insert



Part No.
GED617474

SOCKET SET - TORX® -1/2" DRIVE 9 PIECE - RT5/229

- Manufactured from chrome vanadium steel with high quality S2 screwdriver head
- Hardened and tempered and precision machined to deliver maximum turning power for maximum strength
- Satin chrome plated for corrosion protection
- Contents:
- Torx® socket bits: T20, T25, T27, T30, T40, T45, T50, T55, T60 x 55mm long
- Case engineered from high impact PVC to be completely resistant to rust and bending





Part No.	Size
RIC3474	9 Piece

SOCKET - SET TORX® MALE 1/2" DRIVE - ITX 19-MT

- For protruding TORX head screws
- Manually operated sockets with thin walls and knurled base
- CHROME VANADIUM STEEL - 31CrV3
- Chrome plated
- Contents:
- Insert: TX 19-MT
  Sockets:
- ITX19: T20, T25, T27, T30, T40, T45, T50
- Supplied in blue powder coated, D30 K-steel box



Part No.
GED665983

SOCKET - SET TORX® FEMALE 1/2" DRIVE - TX19-FT

- For protruding TORX head screws
- Manually operated sockets with thin walls and knurled base
- CHROME VANADIUM STEEL - 31CrV3
- Chrome plated
- Contents:
- Insert: ITX19 - FT
- Sockets:
- ITX19: E10, E11, E12, E14, E16, E18, E20, E24
- Supplied in blue powder coated, D19 J-steel box



Part No.
GED665991

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SOCKET - SET TORX® MALE & FEMALE 1/2" DRIVE - ITX/TX19 - FMT

- For protruding TORX head screws
- Manually operated sockets with thin walls and knurled base
- CHROME VANADIUM STEEL - 31CrV3
- Chrome plated
- Contents:
- Insert: ITX/TX19 - FM
- Sockets:
- ITX19: T20, T25, T27, T30, T40, T45, T50
- TX19: E10, E11, E12, E14, E16, E18, E20, E24
- Supplied in blue powder coated, D19 J-steel box



Part No.
GED666009

SOCKET- WITH SPLINE BITS 1/2” DRIVE SET 6 PIECE - INX19-6

- For multi-point screws
- Manually operated sockets with knurled base
- Sockets - CHROME VANADIUM steel - 31CRV3
- Bits - Molybdenum tool steel
- Insert: IN19 - 6
- Contents:
- Sockets:
- INX19: 5, 6, 8, 10, 12mm
- IKS19: 2
- Supplied in black matt finish insert



Part No.
GED617601

SOCKET - WITH SPLINE BITS 1/2”DRIVE SET 10 PIECE - INX19 PM-5D

- For multi-point screws
- Manually operated sockets with knurled base
- Sockets - CHROME VANADIUM steel - 31CRV3
- Bits - Molybdenum tool steel
- Insert: IN19 - 5D
- Contents:
- Sockets:
- INX19: 5, 6, 8, 10, 12mm
- INX19L: 6-100, 8-100, 10-100, 12-100mm
- IKS19: 2
- Supplied in black matt finish insert



Part No.
GED617989

SOCKET SET - SPLINE - 1/2" DRIVE 6 PIECE - RT5/226

- Manufactured from chrome vanadium steel with high quality S2 screwdriver head
- Hardened and tempered and precision machined to deliver maximum turning power
- for maximum strength
- Satin chrome plated for corrosion protection
- Contents:
- Spline socket bits:
- M6, M8, M10 x 55mm long
- M8, M10, M12 x 100mm long
- Case engineered from high impact PVC to be completely resistant to rust and bending





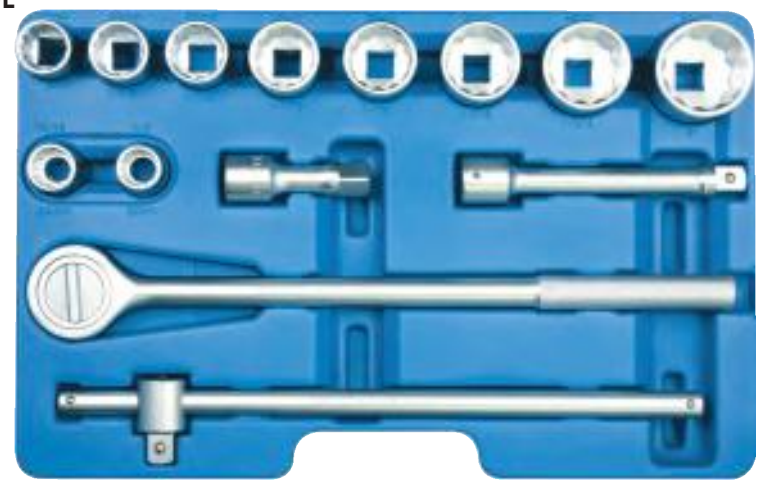
Part No.	Size
RIC3472	6 Piece

SOCKET SET - 3/4" DRIVE 14 PIECE - RT5/662

- Manufactured from chrome vanadium steel
- Hardened and tempered
- Chrome plated for long service life
- Socket ends and square drives are chamfered
- Square drives fitted with spring loaded locking ball for secure fit
- High impact PVC case - completely resistant to rust and bending
- Contents:
- Bi-Hex sockets: 22, 24, 27, 30, 32, 36, 38, 41, 46, 50mm
- Ratchet
- Extension bars: 100, 200mm
- Sliding T- bar

DIN 3122 DIN 3123 DIN 3124

12 Point



Part No.	Size
RIC3450	14 Piece

SOCKET SET - 3/4" DRIVE HEXAGON - 15 PIECES - 55/9/6N

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile (up to 38mm)
- This permits high transmission of forces to lands of nuts and bolts without damaging them
- In sturdy sheet steel case
- Contents:
- 9 Hexagon sockets: 55: 32, 34, 36, 38, 41, 46, 50, 55, 60mm
- 1 Ratchet: 552
- 2 Extensions: 559/8 (200mm), 559/16 (400mm)
- 1 Flexible head: 554
- 1 Sliding head for T-Handle: 556
- 1 Bar handle: 558



Part No.	Ref
STW96050103	55/9/6N

SOCKET SET –3/4" DRIVE HEXAGON – 15 PIECES - 55A/10/5

- Stahlwille HPQ (high performance quality) sockets are manufactured from selected tough steel alloys
- Their extremely thin walls and unbelievably high load capacity are simply exemplary
- Stahlwille sockets are equipped with the AS Drive (anti slip drive) profile (up to 38mm)
- This permits high transmission of forces to lands of nuts and bolts without damaging them
- In sturdy sheet steel case
- Contents:
- 10 Bi-Hexagon sockets: 55a: 1-1/16", 1-1/8", 1-1/4", 1-3/8", 1-7/16", 1-1/2", 1-5/8", 1-3/4", 1-13/16", 1-7/8"
- 1 Ratchet: 552
- 2 Extensions: 559/8 (200mm), 559/16 (400mm)
- 1 Sliding head for T-Handle: 556
- 1 Bar handle: 558



Part No.	Ref
STW96054101	55A/10/5

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SOCKET - SET C PROFILE 3/4" DRIVE - 32 EMAZ

- Manually operated sockets with thin walls and knurled base
- CHROME VANADIUM steel- 31CrV3
- Chrome plated
- Contents:
- Insert: C32 EMAZ
- Accessories:
- 3293Z-94 Ratchet
- 3287 Sliding “T” bar
- 3290/200, 3290/400 Extension
- Sockets:
- C32: 27 / 1-1/16”, 29 / 1-1/8”, 32 / 1-1/4”, 33 / 1-15/16”, 36 / 1-7/16”, 38 / 1-1/2”, 41 / 1-5/8”, 46 / 1-13/16”, 50 / 2”, 1/38”
- Supplied in blue powder coated D32 E steel box



Part No.
GED626538

SOCKET - SET 3/4” DRIVE - D32 EMZ

- Manually operated sockets with thin walls and knurled base
- CHROME VANADIUM steel- 31CrV3
- Chrome plated
- Contents:
- Insert: D32
- Accessories:
- 3293Z-94 Ratchet
- 3287 Sliding “T” bar
- 3290/200, 3290/400 Extensions
- Sockets:
- D32: 22, 24, 27, 30, 32, 36, 38, 41, 46, 50mm
- Supplied in blue powder coated D32 E steel box



Part No.
GED628026





SOCKET SET - 1" DRIVE 14 PIECE - RT5/772

- Manufactured from chrome vanadium steel
- Hardened and tempered
- Chrome plated for long service life
- Socket ends and square drives are chamfered
- Square drives fitted with spring loaded locking ball for secure fit
- In sturdy metal case
- Contents:
- Bi-Hex sockets: 36, 41, 46, 50, 55, 60, 65, 70, 75, 80mm
- Ratchet
- Extension bars: 200, 400mm
- Sliding T- bar



DIN 3122 | DIN 3123 | DIN 3124 | 12 Point

Part No.	Size
RIC3455	14 Piece

SOCKET SET - 1" DRIVE BI-HEXAGON - 12 PIECES - 60/6/6/882

- Socket made to DIN 3124/ISO 2725-1
- From finest quality steel
- Chrome plated
- In sturdy sheet steel case
- 12 pieces
- Contents:
- 6 BI-Hexagon sockets: No.60: 36, 41, 46, 50, 55, 60mm
- 1 Ratchet: 882
- 2 Extensions: 859/8 (200mm), 859/16 (410mm)
- 1 Flexible head: 884
- 1 Sliding head for T-Handle: 886
- 1 Bar handle: 888



Part No.	Ref
STW96060101	60/6/6/882

SOCKET SET - 1" DRIVE BI-HEXAGON & HEXAGON - 14 PIECES - 60/8/6/882

- Socket made to DIN 3124/ISO 2725-1
- From finest quality steel
- Chrome plated
- In sturdy sheet steel case
- Contents:
- 4 BI-Hexagon sockets: No.60: 46, 50, 55, 60mm
- 4 Hexagon sockets: No.60: 65, 70, 75, 80mm
- 1 Ratchet: 882
- 2 Extensions: 859/8 (200mm), 859/16 (410mm)
- 1 Flexible head: 884
- 1 Sliding head for T-Handle: 886
- 1 Bar handle: 888



Part No.	Ref
STW96060103	60/8/6/882

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

COMBINATION TOOL KIT IN POUCH - 15 PIECES

- Handy zip-up carry pouch
- Cushion grip handles
- A general purpose toolkit
- Contents:
- Combination Pliers 150mm
- Long nose Pliers 150mm
- Adjustable Wrench 150mm
- Precision Screwdrivers Flat 1.4, 2, 2.4, 3mm
  Phillips PH00, PH1
- Screwdrivers Flat 6 x 100mm
  Phillips PH2 x 100mm
- Aluminium Handle Junior Hacksaw
- Steel Measuring Tape 3m x 13mm
- Electrical Tester
- Utility Knife

Code	Size
HON9780	15 Pce



COMBINATION TOOL KIT IN POUCH - 18 PIECES

- Handy zip-up carry pouch
- Cushion grip handles
- A general purpose toolkit
- Contents:
- Hex Key Wrenches 1.5, 2, 2.5, 3, 4
  5, 6, 8, 10mm
- Combination Pliers 175mm
- Long Nose Pliers 150mm
- Adjustable Wrench 200mm
- Claw Hammer 300gr
- Screwdrivers Flat 3 x 75, 5 x 75mm
  Phillips PH0 x 75, PH1 x 75mm
- Electrical tester

Code	Size
HON9784	18 pce



COMBINATION TOOL KIT IN POUCH - 21 PIECES

- Handy zip-up carry pouch
- Cushion grip handles
- A general purpose toolkit
- Contents:
- Mini Long Pliers 125mm
- Mini Diagonal Cutting Pliers 125mm
- Adjustable Wrench 150mm
- Extension Bar 1/4" x 75mm
- 1/4" Dr Sockets 6, 8, 9, 10mm
- Magnetic Socket Handle
- Precision Screwdrivers Flat 2.4 x 40mm
  Phillips PH00 x 40mm
- Driver bits Flat 4, 5, 6mm
  Phillips PH1, PH2
  Pozi driv PZ1, PZ2
  Torx T10, T15
  Hexagon 1/4"

Code	Size
HON9782	21 Pc



COMBINATION TOOL KIT IN POUCH 25 PIECES

- Handy zip-up carry pouch
- Cushion grip handles
- A general purpose toolkit
- Contents:
- Hex Key Wrenches 1.5, 2, 2.5, 3, 4
  5, 6, 8, 10mm
- Heavy Duty Utility Knife
- Mini Diagonal Cutting Pliers 125mm
- Mini Long Nose Pliers 125mm
- Combination Pliers 175mm
- Long Nose Pliers 150mm
- Diagonal cutting Pliers 150mm
- Water Pump Pliers 250mm
- Claw Hammer 300gr
- Screwdrivers
  Flat 3 x 150, 6 x 100mm
  Phillips PH0 x 150, PH2 x 100mm
- Precision Screwdrivers
  Flat 2.4 x 40mm
  Phillips PH00 x 40mm
- Steel Measuring Tape 3m x 13mm
- Electrical tester

Code	Size
HON9786	25 pce



TOOL KIT - COMPLETE WITH 1/2" DRIVE SUPER DRIVE SOCKET SET & SPANNERS



- Lockable, die cast aluminium toolbox with chrome plated hinges
- Professional quality tools in the most popular sizes are suitable for most jobs around the workshop or home
- Chrome vanadium steel sockets, spanners and accessories
- Extra space is available under the centre tray
- Lifetime and quality guarantee
- Spare insert trays are available
- Contents:

DIN 3124

NO RUST DIE-CAST ALUMINIUM CASE

- 1/2" Ratchet
- 2 Extensions: 125 & 250mm
- 1 Universal Joint
- 1 Sliding T-Bar
- 2 Spark Plug Sockets: 16mm (5/8" E20), 21mm (13/16" E26)
- Ball-pein Hammer 500g
- 6mm Pin Punch
- 10"Locking Plier
- 7 Piece Ball Ended Long Allen Keys
- 10 Screwdrivers:
  - **8 x 150, 6 x 150, 6 x 100, 4 x 100, 3,2 x 75, 6 x 38mm Stubby**
  - **#3 x 150, #2 x 100mm, #1 x 75mm #2 x 38mm Stubby**







Code	Size
RIC7985	65 pce

Super-Drive One socket/spanner for every type of bolt!

6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	27	30	32
1/4"	9/32"	5/16"	11/32"	3/8"	7/16"	15/32"	1/2"	9/16"	19/32"	5/8"	21/32"	11/16"	3/4"	25/32"	13/16"	7/8"	29/32"	15/16"	1 1/16"	1 3/16"	1 1/4"
E8		E10	E11	E12	E14	E14	E16	E18	E18	E20	E20	E22	E24		E26	E28	E28	E30	E34	E38	E40



TOOL KIT - COMPLETE WITH 1/2" DRIVE BI-HEX SOCKET SET



- Lockable, die cast aluminium toolbox with chrome plated hinges
- Professional quality tools in the most popular sizes are suitable for most jobs around the workshop or home
- Chrome vanadium steel sockets, spanners and accessories
- Extra space is available under the centre tray
- Lifetime and quality guarantee
- Spare insert trays are available
- Contents:

NO RUST DIE-CAST ALUMINIUM CASE

DIN 3122 DIN 3123 DIN 3124

- 1/2" Ratchet
- 2 Extensions: 125 & 250mm
- 1 Universal Joint
- 1 Sliding T-Bar
- 2 Spark Plug Sockets: 16 & 21mm
- 20 Sockets: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32mm
- Ball-pein Hammer 500g
- 6mm Pin Punch
- 10"Locking Plier
- 7 Piece Ball Ended Long Allen Keys
- 18 Spanners: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24mm
- 10 Screwdrivers:
  - 8 x 150, 6 x 150, 6 x 100, 4 x 100, 3,2 x 75, 6 x 38mm Stubby
  - #3 x 150, #2 x 100mm, #1 x 75mm #2 x 38mm Stubby







Code	Size
RIC7999	65 pce

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

TOOLS FOR 7 DRAWER TOOL TROLLEY - 152 PIECES

TRAY 1



64 Piece 1/4" Profi-Plus Socket Set

6 Point



Spot missing tools right away when the RACO® blue shows through

- 1 - Ratchet handle 145mm
- 3 - Extension bars 50, 100 & 150mm
- 1 - Universal joint
- 1 - Spinner handle1 50mm
- 1 - Magnetic socket pick-up
- 1 - Sliding T Bar
- 9 - Hex ball point keys (long pattern) - 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm
- 14 - 6pt Flank sockets - 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
- 9 - 6pt Flank deep sockets - 5, 6, 7, 8, 9, 10, 11, 12, 13mm
- 24 - Socket bits (32mm long)
  - 3, 4, 5, 6, 7, 8, 10mm
  - 4, 5.5, 6.5mm
  - PH1, PH2, PH3
  - T8, T10, T15, T20, T25, T27, T30, T40
  - PZ1, PZ2, PZ3

29 Piece 1/2" Profi-Plus Socket Set

12 Point



- 1 - Ratchet Handle
- 2 - Extension Bars 125, 250mm
- 1 - Universal Joint
- 1- Sliding T Bar
- 2 - Spark Plug Spanners - 16, 21mm
- 20 - Sockets - 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32mm
- 1 - Powerbar 1/2" Drive
- 1 - Torque Wrench 30-210Nm 1/2" Drive

TRAY 2

- 8 - Piece Knife Type Torx Allen Key Set: T9, T10, T15, T20, T25, T27, T30, T40
- 1 - Combination plier 200mm
- 1 - Diagonal Cutting Plier 200mm
- 1 - Long Nose Plier 200mm
- 1 - Waterpump Plier 250mm
- 4 - Circlip Pliers 175mm: I/S Straight, I/S Bent, O/S Straight, O/S Bent
- 6 - Piece D-Tuf Screwdriver Set:
  - 3,2 x 75, 5 x 100, 5 x 100, 8 x 150mm
  - No. 1 x 75, No. 2 x 100mm
- 5 - Black Tip Screwdrivers:
  - -Electrician: 4 x 100mm
  - -Mechanics: 6 x 38, 6 x 150mm
  - -Philips: 2 x 38, 3 x 150mm
- 1 - Black Shifter 375mm
- 1 - Lockgrip Plier 250mm



TRAY 3

- 26 Combination Offset Spanners: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32mm
- 5 Piece Ratchet Spanner Set: 6/8mm, 10/11mm, 13/14mm, 15/17mm, 19/21mm

DIN 3122 DIN 3123 DIN 3124



TOOLS ONLY

Code	Size
RIC7992	152 pce

TOOL TROLLEY (COMPLETE) -7 DRAWER 153 PIECES

- Durable ball bearing drawer slides
- Lockable
- Heavy duty castors with step brake
- Lifetime and quality guarantee
- Rubber top protector prevents tools damaging the trolley
- Powder coated for durability
- **Supplied complete with all tools shown above**

Code	Size
RIC7993K	153 pce

117 PIECE, 4 DRAWER TOOLCHEST - COMPLETE

- **117 precision manufactured pieces**
- Chrome Vanadium with satin finish
- Sockets manufactured from **CR-V STEEL** to **ROCKWELL HARDNESS HRC38-48**
- Torque: 1/4" ratchet handle - **62 NM (HRC39) CR-V STEEL**
- Torque: 1/2" ratchet handle - **512 NM (HRC39) CR-V STEEL**
- Combination spanners manufactured from **CR-V STEEL** to **ROCKWELL HARDNESS HRC39-48**
- Pliers manufactured from **CR-V STEEL** to **ROCKWELL HARDNESS HRC38-48 (Cutting blades HRC55-65)** with cushion grip handles
- Lifetime warranty
- **Professional Tool Chest:**
- Thickness of steel for tool chest: 0.6mm
- Thickness of steel for drawer: 0.5mm
- Max bearing weight for small drawer: 3kg
- Max bearing weight for medium drawer: 5kg
- Max bearing weight for big drawer: 8kg
- Heavy duty drawer mechanism
- Spare storage drawer
- Fully lockable







TRAY 1



- 11pc 1/4" Dr. 6pt sockets:
  4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12mm
- 18pc 1/2" Dr. 6pt sockets:
  10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 90, 32mm
- 1pc 1/4" Dr. quick-release offset ratchet
- 1pc 1/2" Dr. quick-release offset ratchet
- 2pc universal joints: 1/4" & 1/2" Dr.
- 2pc 1/2" Dr. spark plug sockets: 16 & 21mm
- 2pc 1/4" Dr. extension bars: 50 & 100mm
- 2pc 1/2" Dr. extension bars: 125 & 250mm
- 1pc 1/4" Dr. sliding T-bar
- 1pc 1/2" Dr. sliding T-handle
- 1pc 150mm flexible extension1pc 1/4" Dr. spinner handle
- 1pc 1/4" bit coupler
- 36pc 25mm screwdriver bits:
- 5pc Phillips: #0, #1, #2 x 2, #3
- 8pc Slotted: 2, 2.5, 3, 4, 5, 5.5, 6, 7mm
- 10pc Star: T8, T9, T10, T15, T20, T25, T27, T30, T40, T45
- 8pc Hex: 2, 2.5, 3, 4, 5, 5.5, 6, 7mm
- 5pc Pozi: #0, #1, #2 x 2, #3



Code	Size
PRO1000	117 pce

TRAY 2



- 18pc Hex key wrenches:
- 7pc Star: T10, T15, T20, T25, 727, T30, T40
- 11pc Hex: 1.27, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0mm
- 1pc 160mm diagonal cutting pliers
- 1pc 160mm long nose pliers
- 1pc 180mm combination pliers
- 1pc 200mm water pump pliers
- 1pc 175mm locking grip pliers

TRAY 3



- 5pc combination wrenches: 10, 12, 13, 14, 17mm
- 1pc utility knife
- 8pc cushioned grip screwdrivers:
- 4pc Phillips: #1 x 75, #2 x 38, #2 x 100, #3 x 150mm
- 4pc slotted: 6 x 38, 4 x 75, 5 x 100, 6 x 150mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

TOOL KIT - MECHANIC'S - 1/2" DRIVE - C19-1BM-60P - 72 PIECE



- Comprehensive mechanic's toolkit
- Contains sufficient tools for basic repairs
- **TOOLBOX NOT INCLUDED IN SET**
- Can use 1280 or 1281
- Accessories:
  50/20.8 Spark Plug Socket
  62/250H Adjustable Wrench
  143/250 Universal Plier
  1987 Sliding "T" Bar
  1990-75 Extension
  1990-125 Extension
  1990-250 Extension
  1993U-10T Ratchet
  1995 Universal Joint
- Sockets: C19 — 8-5/16 10-3/8 11 12 13-1/2 14 15-19/32 16-5/8 17 18-11/16 19 21-13/16 22 24-15/16 26-1. 27-1.1/16 29-1.1/8 30-1.3/16 32-1.1/4 7/16AF 9/16AF 7/8AF
- Allen Key Sockets: IN19 — 5 6 8 10 12 14
- Spanners: No. 1B — 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
- Allen Keys: 42/88M Plastic Holder : 2 2,5 3 4 5 6 8 10
- Screwdrivers:
  150MS 6,5x150 8,0x175
  160PHS 1x80 2x100 3x150
  170ELS 3,0x100 4,0x125 6,5x200
  STUBBY 5,5x25 2x25

TOOLS ONLY

Code
GED661627

TOOL KIT - MECHANIC'S - 1/2" DRIVE - C19/22-1BM-10SD - 67 PIECE



- Comprehensive mechanic's toolkit
- Contains sufficient tools for basic repairs
- **TOOLBOX NOT INCLUDED IN SET**
- Can use 1280 or 1281
- Accessories:
  50/20.8 Spark Plug Socket
  137/250 Grip Plier
  143/250 Universal Plier
  1987 Sliding "T" Bar
  1990-75 Extension
  1990-125 Extension
  1990-250 Extension
  1993U-10T Ratchet
  1995 Universal Joint
  1997/375 Power Bar
- Sockets: C19 — 8-5/16 10-3/8 11 12 13-1/2 14 15-19/32 16-5/8 17 18-11/16 19 21-13/16 22 24-15/16 26-1. 27-1.1/16 29-1.1/8 30-1.3/16 32-1.1/4 7/16AF 9/16AF 7/8AF
- Spanners: No. 1B — 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
- Allen Keys: 42/88M Plastic Holder : 2 2,5 3 4 5 6 8 10
- Screwdrivers:
  150MS 6,5x150 8,0x175
  160PHS 1x80 2x100 3x150
  170ELS 3,0x100 4,0x125 6,5x200
  STUBBY 5,5x25 2x25

TOOLS ONLY

Code
GED661635

TOOL KIT -WORKSHOP / MECHANIC'S - D19-1BM-60CP - 72 PIECE



- Comprehensive mechanic's toolkit
- Contains sufficient tools for basic repairs
- **TOOLBOX NOT INCLUDED IN SET**
- Can use 1280, 1281 or 1282
- Accessories:
  50/20.8 Spark Plug Socket
  62/250H Adjustable Wrench
  143/250 Universal Plier
  1987 Sliding "T" Bar
  1990-75 Extension
  1990-125 Extension
  1990-250 Extension
  1993U-10T Ratchet
  1995 Universal Joint
- Sockets: D19 — 8 10 11 12 13 14 15 16 17 19 21 22 23 24 26 27 28 30 32 7/16AF 9/16AF 7/8AF
- Allen Key Sockets: IN19 — 5 6 8 10 12 14
- Spanners: No. 1B — 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
- Allen Keys: 42/88M Plastic Holder: 2 2,5 3 4 5 6 8 10
- Screwdrivers:
  150MS 6,5x150 8,0x175
  160PHS 1x80 2x100 3x150
  170ELS 3,0x100 4,0x125 6,5x200
  STUBBY 5,5x25 2x25

TOOLS ONLY

Code
GED661899

TOOL KIT - MECHANIC'S - 1/2" DRIVE - D19/22-1BM-10SD



REF A-C19/22/ACC
(10 Piece) A
Insert: 1280/81-22-ACC
Accessories
50/20.8 Spark Plug Socket
1987 Sliding "T" Bar
1990-75 Extension
1990-125 Extension
1990-250 Extension
1995 Universal Joint
1997/375 Power Bar
Sockets: C19
7/16AF 9/16AF 7/8AF

REF I-D19 (20 Piece)
Insert: 1280/81-D19
Accessories
1993U-10T Ratchet
Sockets: D19
8 10 11 12 13 14 15 16 17 19
21 22 24 26 27 28 29 30 32

REF C-1B (27 Piece)
Insert: 1280/81-1B
Accessories:
137/250 Grip Plier
143/250 Universal Plier
Metal tray 1280/81
Spanners: No. 1B
6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22
Allen Keys: 42/88M Plastic
Holder
2 2,5 3 4 5 6 8 10

REF 10SD - 10 Screwdrivers
(10 Piece)
Insert: (REF N) 1282-SD-PH-
STB 1282-SD-MEC-EL
Screwdrivers
150MS 1,2x6,5x150
1,2x8,0x175
160PHS 1x80 2x100 3x150
170ELS 0,5x3,0x100
0,8x4,0x125 1,2x6,5x200
STUBBY 1,0x5,5x25 2x25

TOOLS ONLY

Code
GED661902

TOOL KIT - MECHANIC'S 1/2" & 3/4" DRIVE - C32/19-1BM-60P - 82 PIECE

- Comprehensive mechanic's tool kit
- Contains sufficient tools for basic repairs
- **TOOL BOX NOT INCLUDED IN SET**
- (Can use GED 660949/1281 OR GED 660930/1280)



Inserts:
1281/2 1281/82-1B/62H 1280/81-D19/IN19
1280/81-D19 ACC/SKT
1280/81-D32/6
1282 1282-SD-PH-STB 1282-SD-MEC-EL
Metal Tray:
1281 - 1280/81 - D32 1282 - 1282 - D32
Accessories:
50/20.8 Spark Plug Socket 62/250H **Adjustable Wrench**
143/250 Universal Plier 1987 Sliding "T" Bar
1990-75 Extension 1990-125 Extension
1990-250 Extension 1993U-10T Ratchet
1995 Universal Joint 3287/447 Sliding "T" Bar
3290-200mm Extensions 3290-400mm
Extensions
3293U-1/440 Ratchet
Sockets: C19
8-5/16 10-3/8 11 12 13-1/2 14
15-19/32 16-5/8 17 18-11/16 19 21-13/16
22 24-15/16 26-1. 27-1.1/16 29-1.1/8
30-1.3/16 32-1.1/4 7/16AF 9/16AF 7/8AF

C32
1.3/8AF 36-1.7/16
38-1.1/2 41-1.5/8
46-1.13/16 50-2.
Allen Key Sockets:
IN19
5 6 8 10 12 14
Spanners: No. 1B
6 7 8 9 10 11 12
13 14 15 16 17
18 19 20 21 22
Allen Keys:
42/88M Plastic
Holder
2 2,5 3 4 5 6 8 10
Screwdrivers: 150MS 6,5x150 8,0x175
160PHS 1x80 2x100 3x150
170ELS 3,0x100 4,0x125 6,5x200
STUBBY 5,5x25 2x25

TOOLS ONLY

Code
GED662089

TOOL KIT - COMPLETE WITH TOOLBOX - 1282-C19-IBMZ-PL-6SD - 60 PIECE

- Comprehensive tool kit



Toolbox: 1282
Accessories:
137/250 Grip Plier
145/250 Universal Plier
1987 Sliding "T" Bar
1990-75 Extension
1990-125 Extension
1990-250 Extension
1993Z-94 Ratchet
Sockets: C19
8-5/16 10-3/8 11 12 13-1/2 14
15-19/32 16-5/8 17 18-11/16
19 21-13/16 22 24-15/16 26-1.
27-1.1/16 29-1.1/8 30-1.3/16
32-1.1/4
Spanners: No. 1B
6 7 8 9 10 11 12 13 14 15 16 17
18 19 20 21 22
Allen Keys: 42/88M Plastic Holder
2 2,5 3 4 5 6 8 10

Screwdrivers:
150MS 6,5x150 8,0x175
160PHS 1x80 2x100
170ELS 3,0x100 4,0x125
Pliers:
8132/200 JC Telephone Pliers
8250/200 JC Universal Pliers
8316/200 JC Side Cutters

COMPETE TOOLKIT

Code
GED679232

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

TOOL KIT - COMPLETE WITH TOOLBOX - 1282-MA-1B-D19 - 63 PIECE

- Comprehensive tool kit
- Contents: Toolbox: 5 Compartment sheet metal with robust handle
- Accessories:
  1995 Universal joint
  2100 Centre punch
  1987 Sliding "T " Bar
  1990-75 Extension
  1990-125 extension
  1990-250 Extension
  1993U-10T Ratchet
  50 / 20.8 mm /13/16 spark plug spanner
  8601 / 500 Ballpein hammer
- Sockets :
  BI-HEX: 8,10,11,12,13,14,15,16,17,19,21,22,24,26,27,29,30,32
- Spanners :
  Combination : 6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,24
- Allen keys:
  42/88M Plastic holder: 2,2.5,3,4,5,6,7,8
- Screwdrivers :
  150MS 1.2 x 6.5 x150mm 1.2 x 8 x 175 mm
  160PH 420N 1 x 80 mm 2 x 100mm 3 X 150mm
  170ELS 0.5 x 3.0 x 100 mm 0.8 x4.0 x 125mm 1.2 x 6.5 x 200mm
  440N 1 x 5 .5 x25
  Stubby : PHS441N 2 x 25mm



COMPLETE TOOLKIT

Code
GED679275

SHEET METAL CABINET - 1401 PRO - 76 PIECE

- Ideal for professional workshop
- Rigid sheet metal structure with precision CNC punched pegboard
- 3 easy slide drawers incorporating extra strong ball bearing slider mechanism
- 1 moveable tray
- Spanner & screwdriver rack
- Assortment of moveable hanging hooks for maximum flexibility
- Lockable
- Phosphated to prevent corrosion
- Blue powder coated
- Cabinet accessories:
  30 x Plastic holders with pins; 1 x Tool Rack 17pin; 1 x Double Storage Tray; 1 x Screwdriver – 6 piece; 1 x Punch Holder

Code
GED661163



CONTENTS:
50/20.8 Spark plug socket
60P/250 Adjustable Wrench
137/250 Grip plier
143/250 Universal Plier
225/250 Pipe Wrench
1987 Sliding "T" bar
1990/75, 1990/125,1990/250 Extension
1993Z-94 Ratchet
1995 Universal Joint
8531/300 Tin Snips
8601/500 Ball Pein hammer
Sockets:
C19 : 8-5/16", 10-3/8", 11, 12, 13-1/2", 14, 15-19/32", 16-5/8", 17, 18-11/16", 19, 21-13/16", 22, 24-15/16", 26-1", 27-1 1/16", 29-1 1/8", 30-1 3/16", 32-1 ¼", 7/16"AF, 9/16"AF, 7/8"AF
Allen Key sockets:
IN19 : 5, 6, 8, 10, 12, 14mm
Spanners:
1B : 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm
Allen keys:
42/88m Plastic Holder : 2, 2.2, 3, 4, 5, 6, 8, 10mm
Screwdrivers:

150MS	6.5 x 150, 8.0 x 175,
160PHS	1 x 80, 2 x100, 3 x150
170ELS	3.0 x 100, 4.0 x 125, 6.5 x 200
Stubby	5.5 x 25, No 2 x 25

COMPLETE TOOLKIT

SHEET METAL TROLLEY - CLASSIC - 1581 - 76 PIECE

- Ideal for professional workshop
- Rigid sheet metal cabinet structure with pegboard back
- 6 Standard and 1 deep easy slide drawers incorporating extra strong ball bearing slider mechanisms
- Working platform with 3 compartments for small parts, raised edges
- Central drawer locking mechanism
- Two swivel castors (one with safety brake) for maximum mobility & safety
- Handle for easy manoeuvrability
- Load capacity 300Kg
- Phosphated
- Blue and grey powder coated





Code
GED661306

CONTENTS:
Inserts: 1280/81-1B60, 1280/81-D19/IN19, 1280/81-D19 Acc/Skt
1280/81-SD-PH-STB, 1280/81-SD-MEC-EL, 1280/81-PL/137/36
1581 Filler
Accessories:
36/1 OIL Filter Strap Wrench
50/20.8 Spark plug socket
60P/250 Adjustable Wrench
137/250 Grip plier
143/250 Universal Plier
1987 Sliding "T" bar
1990/75, 1990/125,1990/250 Extension
1993U-10T Ratchet
1995 Universal Joint
8000-A2 Circlip Plier
8000-J2 Circlip Plier
8132-200 JC Telephone Plier
8250-200 JC Combination Plier
8316-200 JC Side Cutter

Sockets:
C19 : 8-5/16", 10-3/8", 11, 12, 13-1/2", 14, 15-19/32", 16-5/8", 17, 18-11/16", 19, 21-13/16", 22, 24-15/16", 26-1", 27-1 1/16", 29-1 1/8", 30-1 3/16", 32-1 ¼", 7/16", 9/16", 7/8"
Allen Key sockets:
IN19 : 5, 6, 8, 10, 12, 14mm
Spanners:
1B : 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm
Allen keys:
42/88m Plastic Holder: 2, 2.2, 3, 4, 5, 6, 8, 10mm
Screwdrivers:

150MS	6.5 x 150, 8.0 x 175,
160PHS	1 x 80, 2 x100, 3 x150
170ELS	3.0 x 100, 4.0 x 125, 6.5 x 200
Stubby	5.5 x 25, No 2 x 25



COMPLETE TOOLKIT

TORQUE WRENCH - 3/8" DRIVE - RT6/753GA

- Raco micrometer adjustable torque wrenches are fast and accurate to any torque value within the capacity range of the wrench
- Precision torque is indicated mechanically by an audible sound or click signals
- Releases and resets automatically
- Rotating micrometer adjustment for quick torque setting
- Locking device to prevent accidental slipping of setting
- Can be used on either left or right handed nuts and bolts with certified accuracy
- Rugged construction with precision parts, manufactured under careful quality control assuring long, trouble free service across a wide variety of torquing applications
- Guaranteed well balanced
- Micrometer model accurate within 3% in right direction
- Supplied in blow case



Part No.	Torque Range
RIC6038	21-119Nm

TORQUE WRENCH - 3/8" DRIVE - 800020

- Invaluable for use on low torque applications, the torque setting is obtained by rotating the knurled knob on the end of the handle
- Push through square drive for tightening or releasing left and right hand threads
- With calibration certificate



Code	Range Nm	Range LBF.IN	Length
SYK800020	4-20Nm	40-180	210mm

TORQUE WRENCH - 3/8" DRIVE - 800060

- A high quality, professional wrench which is particularly suitable for light engineering machinery, motorcycles and light vehicle applications
- Slim body in durable satin chrome
- Comfortable nylon handle with positive locking knob
- Complies to BSEN 26789 and ISO 6789



Code	Range Nm	Range LBF.FT	Length
SYK800060	8-60Nm	5-45	305mm

TORQUE WRENCH - 3/8" DRIVE - 800100

- For general engineering, workshop, construction, aero, marine and light vehicle applications



Code	Range Nm	Range LBF.FT	Length
SYK800100	20-100Nm	15-80	356mm

TORQUE WRENCHES - 1/2" DRIVE



- Raco micrometer adjustable torque wrenches are fast and accurate to any torque value within the capacity range of the wrench
- Precision torque is indicated mechanically by an audible sound or click signals
- Releases and resets automatically
- Rotating micrometer adjustment for quick torque setting
- Locking device to prevent accidental slipping of setting
- Can be used on either left or right handed nuts and bolts with certified accuracy
- Rugged construction with precision parts, manufactured under careful quality control assuring long, trouble free service across a wide variety of torquing applications
- Guaranteed well balanced
- Micrometer model accurate within 3% in right direction
- Supplied in blow case



Part No.	Torque Range	Ref.
RIC6042	42-210Nm	RT6/754GA
RIC6045	70-350Nm	RT6/756GA

TORQUE WRENCH - 1/2" DRIVE - 800101

- For general engineering, workshop, construction, aero, marine and light vehicle applications



Code	Range Nm	Range LBF.FT	Length
SYK800101	20-100Nm	15-80	356mm

TORQUE WRENCH - 1/2" DRIVE - 800200

- For medium/heavy engineering, workshop, construction, aero, marine and commercial vehicle applications



Code	Range Nm	Range LBF.FT	Length
SYK800200	40-200Nm	30-150	455mm

TORQUE WRENCH - 1/2" DRIVE - 800300

- For medium/heavy engineering, workshop, construction, aero, marine and medium/heavy commercial vehicle applications



Code	Range Nm	Range LBF.FT	Length
SYK800300	60-300Nm	45-220	570mm

TORQUE WRENCH - 1/2" DRIVE - 800330

- Similar features to 800300, but with increased torque range and length
- Push through square drive to allow tightening of both left and right hand threads



Code	Range Nm	Range LBF.FT	Length
SYK800330	60-300Nm	45-250	690mm

1/2"

TORQUE WRENCH - TOTCOFIX-K - 1/2" DRIVE - 4550-20

- Features:
- Adjustable torque wrench with a square drive and integrated ratchet head function
- For bi-directional tightening
- Interchangeable mushroom head square drive with ball locking mechanism
- In accordance with DIN EN ISO 6789
- Lever breaking mechanism with a castor guarantee tactile impulse and audible actuation signal
- Actuation accuracy: ± 3% of the scale set to torque
- Double scale Nm and lbf.ft behind window with magnifying effect



Code	Size Nm	Size lbf.ft
GED760161	20-200Nm	15-150

TORQUE WRENCH - TOTCOFIX-K - 1/2" DRIVE - 4550-40

- Features:
- Adjustable torque wrench with a square drive and integrated ratchet head function
- For bi-directional tightening
- Interchangeable mushroom head square drive with ball locking mechanism
- In accordance with DIN EN ISO 6789
- Lever breaking mechanism with a castor guarantee tactile impulse and audible actuation signal
- Actuation accuracy: ± 3% of the scale set to torque
- Double scale Nm and lbf.ft behind window with magnifying effect



Code	Size Nm	Size lbf.ft
GED767433	75-400Nm	55-300

3/4"

TORQUE WRENCH MOTORQ - 800399

- Push through square drive to allow tightening of both left and right hand threads



Code	Range Nm	Range lbf.ft	Length	Drive
SYK800399	80-400	60-300	683mm	3/4"

TORQUE WRENCH HEAVY DUTY MOTORQ - 800400

- These heavy duty, robust back-break type wrenches are fitted with left and
- right hand 36 tooth ratchet head and feature easy adjustment by means of
- a graduated scale at handle end of tool
- Instant collapse of mechanism seen and felt on reaching pre-set loading
- Rugged construction to withstand heavy usage
- Push through square drive to allow tightening of both left and right threads



Code	Range Nm	Range lbf.ft	Length	Drive
SYK800400	150-700	100-500	1150mm	3/4"

TORQUE WRENCH MOTORQ - 800500

- These heavy duty, robust back-break type wrenches are fitted with left and
- right hand 36 tooth ratchet head and feature easy adjustment by means of
- a graduated scale at handle end of tool
- Instant collapse of mechanism seen and felt on reaching pre-set loading
- Rugged construction to withstand heavy usage
- Push through square drive to allow tightening of both left and right threads



Code	Range Nm	Range lbf.ft	Length	Drive
SYK800500	300-1000	200-750	1475mm	3/4"

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

Sykes-Pickavant TORQUE WRENCH MOTORQ - 800550

- These heavy duty, robust back-break type wrenches are fitted with left and
- right hand 36 tooth ratchet head and feature easy adjustment by means of
- a graduated scale at handle end of tool
- Instant collapse of mechanism seen and felt on reaching pre-set loading
- Rugged construction to withstand heavy usage
- Push through square drive to allow tightening of both left and right threads



Code	Range Nm	Range lbf.ft	Length	Drive
SYK800550	700-1500	500-1000	1470mm	1"

STAHLWILLE TORQUE WRENCH - SERVICE MANOSKOP - 730

- Torque Wrenches with tool carrier for inter changeable insert tools
- Cut-out with quick release safety lock (size 5-65) dual signal, rapid adjustment (size 2-65)
- Robust steel tube completely encloses all working parts
- Any force applied to the tool after the "click" or applied in opposite direction to current function – e.g. forcible loosening of a jammed screw - does not act on the trigger mechanism and cannot cause damage to it
- Reversible insert tools allow anti-clock wise operation
- Deviation of indication ±4%. With certificate

Code	No	Size Nm	Fitting Size
STW50180002	730/2	4-20Nm	9x12mm
STW50180004	730/4	8-40Nm	9x12mm
STW50180005	730/5	6-50Nm	9x12mm
STW50180010	730/10	20-100Nm	9x12mm
STW50180012	730/12	25-130Nm	14x18mm
STW50180020	730/20	40-200Nm	14x18mm
STW50180040	730/40	80-400Nm	14x18mm



STAHLWILLE TORQUE WRENCH - SERVICE MANOSKOP - 730N

- Registered design
- Clicking torque wrench with mount for interchangeable insert tools, rapid, accurate setting using QuickSelect action adjuster, with with QuickRelease safety lock, double stop signals
- Twin scales with colour coded Nm/ft/lb markings and long term repeated accuracy
- Measuring element is only under load while force is being applied, no need for manual re-set to zero
- All sensitive components are protected by the sturdy housing
- 2 component handle with its ergonomically designed green softer layer is resistant to oils, grease, fuels, brake fluids, and Skydrol
- Any force applied to the tool after the "click" or applied in opposite direction to the current function – e.g. forcibly loosening of a jammed screw – does not act on the trigger mechanism and cannot cause damage
- Swap over inserts can also be used to apply torque in an anticlockwise direction
- Deviation of indication ±3%. With certificate

Code	No	Size Nm	Fitting Size
STW50181002	730N/2	2-20Nm	9x12mm
STW50181010	730N/10	20-100Nm	9x12mm
STW50181020	730N/20	40-200Nm	14x18mm
STW50181040	730N/40	80-400Nm	14x18mm



STAHLWILLE RATCHET - INSERT TOOL - 735

- Used with torque wrench
- Reversible
- 60 teeth
- Maximum continuous loads of ratchet insert tools are limited to:
  735/5 and 735/10 – 100Nm
  735/20 – 300Nm
  735/40 – 650Nm
- Limits must not be exceeded when these insert tools are used with torque wrenches of larger capacity



Part No.	Size	Drive	Ratchet Fitting
STW58250005	5	3/8"	9 x 12mm
STW58250010	10	½"	9 x 12mm
STW58250020	20	½"	14 x 18mm
STW58250040	40	¾"	14 x 18mm

STAHLWILLE RATCHET - INSERT TOOL - 725/4

- Used with torque wrench
- Reversible
- 22 teeth
- Maximum continuous loads of ratchet insert tools are limited to:
  725/4 – 40Nm
- Limits must not be exceeded when these insert tools are used with torque wrenches of larger capacity



Part No.	Size	Drive	Ratchet Fitting
STW58254004	4	1/4"	9 x 12mm

INSERT TOOL - OPEN ENDED - 731/40

- Uses QR system
- Use on all standard Stahlwille Torque wrenches
- Chrome plated



Part No.	Size	Ratchet Fitting
STW58214017	17mm	14 x 18mm
STW58214019	19mm	14 x 18mm
STW58214022	22mm	14 x 18mm
STW58214024	24mm	14 x 18mm
STW58214030	30mm	14 x 18mm
STW58214032	32mm	14 x 18mm

INSERT TOOL - SQUARE DRIVE

- Uses QR system
- Use on all standard Stahlwille Torque wrenches
- Chrome plated



Part No.	Ref.	Size	Ratchet Fitting
STW58240010	734/10	1/2"	9 x 12mm
STW58240020	734/20	1/2"	14 x 18mm
STW58240040	734/40	3/4"	14 x 18mm

TORQUE WRENCH GAUGE ANGLE 1/2" DRIVE

- Vehicle manufacturers have adopted torque tightening procedures which also involve the turning of a torqued fastener through a further angular movement on applications such as cylinder head bolts, big end bearings, main bearing bolts, fly wheel bolts etc
- These angular gauges have an oil resistant and clearly graduated, non-reflective surface and an adjustable reaction arm which can be set and fixed against the adjacent component to prevent the scale turning
- 1/2" Square Drive Male and Female



Code
SYK800700

TORQUE WRENCH MULTIPLIER 800600

- Single stage epicyclic gears, producing a 5:1 ratio multiplication ratio
- Used with conventional torque wrenches for heavy-duty applications
- Supplied with reaction bars
- In plastic storage case
- Compact, 5:1 torque multipliers for tightening and releasing nuts and bolts
- Gear Train: Single stage epicyclic
- Velocity Ratio: 5.33 to 1
- Multiplication Factor: 5 to 1
- Efficiency: 94% (Approx)



Code	Max Input	Max Output	Input Drive	Output Drive
SYK800600	340Nm	1300Nm	32mm AF Male Hex x 1/2" Square Drive	3/4" Sq Drive

TORQUE WRENCH MULTIPLIER 800655

- Single stage epicyclic gears, producing a 5:1 ratio multiplication ratio
- Used with conventional torque wrenches for heavy-duty applications
- Supplied with reaction bars
- In plastic storage case
- Compact, 5:1 torque multipliers for tightening and releasing nuts and bolts
- Gear Train: Single stage epicyclic
- Velocity Ratio: 5.33 to 1
- Multiplication Factor: 5 to 1
- Efficiency: 94% (Approx)



Code	Max Input	Max Output	Input Drive	Output Drive
SYK800655	540Nm	2700Nm	36mm AF Male Hex x 3/4" Square Drive	1" Sq Drive

DIGITAL CLAMP METER - AC (400A)



- This is a hand held digital clamp meter offering current measurements whilst clamped over a conductor
- Jaw Size 26mm
- Compact
- Diode
- Continuity
- Relative zero
- Data hold
- Carrying pouch

Technical Specifications:

Model	TBM3030
AC Current	40,400A
DC Voltage	400m,4,40,400,600v600V
AC Voltage	4,40,400,600V
Resistance	400,4K,40K,400K,4M,40MΩ
Frequency	5HZ to 100KHZ
Capacitance	500n,5µ,50µ,500µ,3000µF

Code
BTH0630

ANALOGUE MULTIMETER



- This is a hand held electricians analogue multimeter
- Max 10A DC current
- Battery check
- Fuse and diode protection
- Diode and transistor test
- 0Ω adjustment
- Power source 2 x 105V AA batteries, 9V Battery

Technical specifications:

Model	T2010BA
DC Current	50µ,2.5,250m/10A
DC Voltage	0.1,2.5,10,50,250,1000V
AC Voltage	10,50,250,1000V
Resistance	x1,x10,x1k,x10KΩ,(200MΩ)
Decibels	-10 to 62db
Fuse	0.5A,250V (5x20)mm

Code
BTH0640

DIGITAL POCKET MULTIMETER



- This is a pocket size hand held digital multi meter
- Low cost
- 3 1/2 Digit LCD
- Low power consumption
- DC Current (200mA)
- Integral leads
- Continuity
- Power source 12V E23A (Multibatt)

Technical Specifications:

Model	T7290
DC Voltage	2,20,200,300V
AC Voltage	200,300V
DC Current	200mA
Resistance	2K,20K,200K.200
Diode	1.0±0.6mA3.2Vmax

Code
BTH0660

ELECTRICIAN'S DIGITAL MULTIMETER



- Hand held electricians digital multimeter
- Large display
- Temperature
- Data hold
- Capacitance
- Diode
- Continuity
- Temp Bead Probe
- Power source 9V Battery

Technical Specifications:

Model	T235H
A C Current	200mV,20A
D C Current	20mV,200mV,20A
A C Voltage	20V,200,750V
D C Voltage	200mV,2mV,20,200,1000V
Resistance	200,20K,200K,20MΩ,200MΩ
Capacitance	20nf.2uf,200µF
Temperature	-40°C to 1000° C

Code
BTH0680

HOBBYIST DIGITAL MULTIMETER



- Hand held hobbyist digital multimeter
- Low cost
- Temperature
- Diode test
- Continuity
- Temp Bead Probe
- Power source 9V Battery

Technical Specifications:

Model	T2400TH
D C Current	200µ,2m,20m,200m,10A
AC Voltage	200,600V
D C Voltage	200m,2,20,200,600V
Resistance	200,2K,20K,200K,20MΩ
Temperature	-20° C to 750° C K-type 0°C to 40° Built in sensor
Continuity	Buzzer Sound below 20Ω
Diode	2.8V max

Code
BTH0730

DIY DIGITAL MULTIMETER



- Compact hand held DIY digital multimeter
- Low cost
- Temperature
- Continuity
- Diode
- Data hold
- K-Type Thermocouple
- Power source 9V Battery

Technical Specifications:

Model	T835
D C Current	200□,2m,20m,200m,10A
A C Voltage	200,600V
D C Voltage	200,2,20,200,600V
Resistance	200,2K,20K,200K,20MΩ
Temperature	-20° C to 750° C

Code
BTH0740

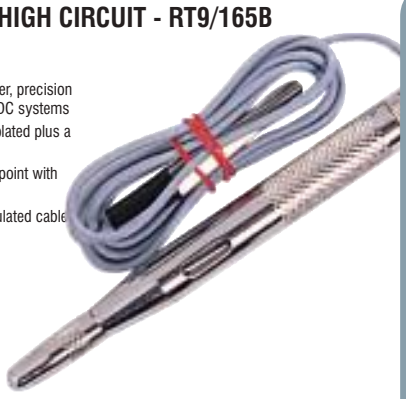
TESTER - ELECTRICAL AC/DC RT9/168B



- General purpose tester for hundreds of electrical application across AC and DC ranges
- Twin lead, 4-way designed for checking 110-460 Volts AC/DC
- Check for current, DC polarity, frequency and polyphase line
- Can be used to test fuses, spark plugs etc.

Code	Size
RIC4300	4 Way

TESTER - HIGH CIRCUIT - RT9/165B



- A high circuit electrical tester, precision built for testing 6 - 24 volt DC systems
- Solid brass body, chrome plated plus a powerful neon built-in light
- Insulation piercing contact point with protective brass screw cap
- Complete with 750mm insulated cable and alligator clip

Code	Rating
RIC4320	6-24V

TESTER - MULTI-FUNCTIONAL - RT9/152B

- This is a handy multi-functional cordless tester that checks correct functionality of domestic electrical appliances, bulbs, switches, relays, general wiring, fuses and transformers
- Also used for testing live, neutral and earth terminals in power outlets
- Tests polarity in batteries and semi-conductors
- Manufactured to German GS specifications
- One piece moulding is fully insulated for maximum safety
- Supplied with plain slot blade and pocket clip
- Uses two batteries - included



Code	Rating
RIC4330	12-440V AC

TESTER - CIRCUIT VOLTAGE - RT9/167B

- A popular tester with three long lasting indicators
- Widely used for household, hobby, electronics and engineering
- Measuring range 120/240/440V AC and 150/300/500V DC
- Insulated blades and handles moulded in one piece for maximum safety
- Point-tipped blades

120/220/400 Volt AC
150/300/500 Volt DC



Code
RIC4350

TESTER - VOLTAGE CONTINUITY - RT9/171B

- A quality tester for voltage continuity and polarity
- Perfect for solving numerous problems around the home or workshop
- LED's allow you to check polarity at a glance
- Test semi-conductors for polarity
- Powered by a 12 volt battery
- Features 4 LED's, 6 - 50V DC and one long lasting indicator for voltage reading at 120 - 400V AC/DC
- Continuity: 0 - 20K



Code
RIC4314

TESTER - ELECTRONIC - RT9/174B

- A tester suitable for low voltage domestic and automotive power circuits
- Tester utilises LED's to show correct values on a multi-stage display
- For Direct Current the (+/-) LED indicates the polarity
- Impact resistant ABS plastic housing for maximum operator safety

120/220/400 Volt AC
150/300/500 Volt DC



Code
RIC4315

TESTER - AUTO RT9/173B

- 3 – 48 volt for live direct current
- For troubleshooting in cars and boats
- Fitted with crocodile clamps for clamping to chassis
- 2 LED's which indicate voltage and polarity (±) at place being tested
- Can also measure on insulated cables
- With probe and one slot where the insulated cable is placed
- Size of the voltage tester makes it possible to measure cable groups and other cable
- Impact resistant ABS plastic housing for maximum operator safety



Code	Rating
RIC4348	3-48V DC

TESTER - CIRCUIT - 12905

- For car electricians 6-12 and 24 volt
- Pointing probe, cover cap, connecting lead with alligator clip



Code	Length
STW77380001	120mm

GENERAL PURPOSE VOLTAGE TESTER TCV3

- Hand held voltage tester
- AC/DC Voltage 6,12,24,50,120,230,400V
- Polarity LED lights when DCV is measured
- LED indication
- No Batteries
- Frequency range 0 - 60hz



Code	Size
BTH0770	6-400V

ELECTRICIAN'S SCREWDRIVER SET 1000V WITH TESTER

- 7 piece Insulated set
- Burnished chrome blades
- Sheathed for safety
- Suitable for live work to 1000Volts
- Includes electric tester
- Convenient carry case
- Sizes:
  Slotted: 3,5 x 75mm
  4 x 100mm
  5.5 x 125mm
  Phillips: 0 x75
  1 x 100
  2 x 100
  Electric tester: 4 x 100

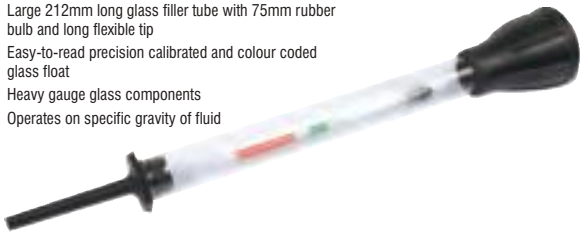


Code	Size
HON7810	7 Piece

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

BATTERY HYDROMETER

- Large 212mm long glass filler tube with 75mm rubber bulb and long flexible tip
- Easy-to-read precision calibrated and colour coded glass float
- Heavy gauge glass components
- Operates on specific gravity of fluid



Code	Size
RIC0430	212mm



FLUID REFRACTOMETER TESTER 032010

- This multi-purpose tool, tests coolant, battery acid and screen wash using an optical prism test technique
- Coolant - tests both propylene and ethylene based anti-freeze coolant solutions and determines freezing point
- Battery acid - indicates the specific gravity of the battery electrolyte
- Screen wash - shows the freezing point of screen wash fluids
- Freezing point shown in °C
- Spare Part 032017 Spare Lens Cover



Code
SYK032010

ANTI-FREEZE TESTER - R8/111B

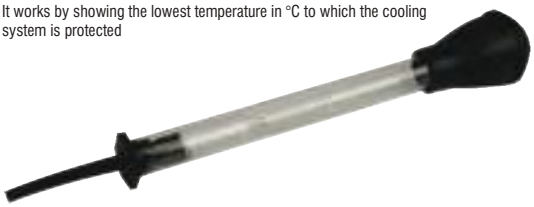
- Large 212mm long glass filler tube with 75mm rubber bulb and long flexible tip
- Easy-to-read precision calibrated and colour coded glass float
- Heavy gauge glass components
- Operates on specific gravity of fluid



Code	Size
RIC4290	212mm

ANTI-FREEZE TESTER 032000

- A quality instrument used to ascertain the volume percentage of ethylene glycol based coolants in an engine cooling system
- It works by showing the lowest temperature in °C to which the cooling system is protected



Code
SYK032000

COOLING SYSTEM TESTER 331595

- Contains the 14 most popular system adaptors that provide extensive coverage for both popular and less popular models for cars and LCV's
- Hand pump with pressure gauge
- Quick-connect hose for system adaptors
- Wide application coverage



Code
SYK331595

CAR COOLING SYSTEM TESTER 331900

- 031901 pump, gauge and hose assembly
- Expansion Plugs nos. 1, 2 & 3
- Safety retaining clamp
- Thermometer
- Special bayonet connector for Japanese applications
- Optional extra: 031915 Stepped Expansion Plug for Mercedes



Code
SYK331900

SUPER COOLING SYSTEM TESTER 331890

- 031801 hand pump unit
- Single and double-ended hose assemblies with standard bayonet fittings
- Threaded system connectors M45, M52
- Threaded cap adaptors M45, M52
- Kit contents, additional connectors and adaptors



Code
SYK331890

COOLING SYSTEM PLANT TESTER 331905

- 031930 Airline Adaptor and Gauge Assembly
- Expansion Plugs nos. 3 & 4
- Safety retaining clamp
- Thermometer



Code
SYK331905

OIL PRESSURE TESTER 314700

- Helps to diagnose worn oil pumps & engines
- Faulty oil pressure switches and warning indicators
- Large, shock protected easy to read dual scale gauge for accurate oil pressure checks
- Permanently oil primed, long flexible hose enables access to difficult to reach oil switch ports
- Small profile, quick coupling adaptors with built in shut-off valve for fast, secure connection
- Complies with DIN16005, DIN 16063 and BS1780
- Scale 0-10 bar, 0-150 PSI



Code
SYK314700

COMPRESSION TESTER SET 314003

- Comprehensive kit based on 314000 Petrol Compression Tester for vehicles with M10, M12, M14 and M18 spark plug threads
- Complete with extensions, thread chasers and service kit



Code
SYK314003

COMPRESSION TESTER - DIESEL 314200

- Comprehensive test kit for both direct and indirect diesel injected engines
- Checks engine compression under cranking conditions
- Enables cylinder access through dummy injector and glowplug adaptors
- Built in pressure relief valve enables repeat tests without dismantling
- Gauge to DIN16005, BS1780 standards



Code
SYK314200

COMPRESSION TESTER 314000

- Large, shock protected, easy to read dual scale gauge for accurate checks 0-20 bar
- Quick and easy to connect dual threaded coupling to M14 and M18 spark plug ports
- Pressure relief valve enables repeated cylinder testing without removing the gauge
- Flexible rubber hose for easy access
- DIN16005, DIN16063 and BS1780



Code	Length	Gauge Diam.
SYK314000	305mm	83mm

TENSION BELT GAUGE 316600

- For accurate tensioning of timing belts, minimising the risk of premature failure due to incorrect belt tension
- Features remote gauge for ease of access, with oil filled piston
- Gauge scale in kg as recommended by vehicle manufacturers, supplied with calibration strip
- Suitable for use on all timing belts, V belts, industrial belts up to 12mm thick



Code
SYK316600

SONOSCOPE 323700

- A super-sensitive sound detector with a built-in diaphragm which amplifies noise to diagnose many vehicle problems
- Including: noisy water pumps and wheel bearings
- Faulty alternator/power steering, pump/air conditioning compressor bearings, camshaft and crankshaft knocks,noisy tappets etc
- Robust metal and plastic construction with 550mm hose and 290mm probe



Code
SYK323700

MECHANIC'S STETHOSCOPE - 12705

- Steel probe
- Plastic handle and sound tubes



Code
STW74060001

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

LEVER GREASE GUN - HEAVY DUTY

- Top of the line grease gun for extra heavy duty use
- Suction cartridge, fuller pump loading.
- Lever operated - 10000 PSI / 690 Bar - short stroke
- Powder coated finish
- Incorporating a bulk loader and air bleeder valve
- Variable stroke feature for ease of use in confined spaces.
- Complete with 150 mm steel extension, 300 mm flexible hose and 4 jaw coupler with ball check



Code	Capacity
GRO2200	500 cm³ Suction Fill

LEVER GREASE GUN - STANDARD DUTY

- Hardworking entry level model, designed for use in general lubrication and daily maintenance work
- Head incorporates single vent hole with block nut
- Air release achieved through half turn of the head assembly
- Durable powder coated finish
- Complete with 150 mm steel extension and 4 jaw coupler with ball check



Code	Capacity
GRO2202	500 cm³ Hand Fill

PISTOL GREASE GUN - VARIO

- Multiple loading: 450g grease cartridge, bulk fill, hand fill or filler pump
- Complete with 300 mm high pressure grease hose and professional 4 jaw coupler
- Ergonomic one hand operation
- Unique variable stroke mechanism for both high volume and high pressure applications (high volume for faster greasing and high pressure for use in cold weather)
- Delivers up to 0.84g/stroke (more than 1.1/2 times more than other guns)
- Solid 11mmØ piston for more grease per stroke
- Robust aluminium die cast grease gun head with bulk filler



Code	Capacity
GRO2234	450g

PISTOL GREASE GUN

- One hand operation
- 5000 PSI / 345 Bar
- T-grip handle with textured zinc plated barrel
- Professional 4 jaw ball-check coupler
- Complete with a 100mm steel extension



Code	Capacity
GRO2250	500 cm³ Bulk Fill

MINI PISTOL GREASE GUN

- One hand operation pistol grip
- 3500 PSI / 249 Bar
- Zinc plated finish with 100 mm extension
- Professional 4 jaw ball-check coupler (has 2 discharge ports - straight and right angle)



Code	Capacity
GRO2155	120g Suction Fill

PUSH TYPE GREASE GUN

- Push type grease gun
- 1000 PSI / 69 Bar
- Capacity 30 g
- Use with bulk grease only
- Fitted with universal connector - adapts to most grease fittings
- Powder coated steel body



Code	Capacity
GRO2230	30g

HOSE - HEAVY DUTY

- Flexible, 225 mm grease hose
- Working pressure 5800 PSI / 400 Bar
- Burst pressure 13775 PSI / 950 Bar
- Used primarily with grease control valves
- For hand and air operated Grease Guns



Code	Size
GRO2140	225mm

HOSE - STANDARD DUTY

- Flexible, 300 mm grease hose
- Working pressure 3500 PSI / 240 Bar
- Burst pressure 11600 PSI / 800 Bar
- For hand operated grease guns only



Code	Size
GRO2220	300mm

GREASE CONTROL VALVE - PROFESSIONAL

- Premium quality grease control valve for use with power operated equipment
- Provides continuous grease flow with trigger fully depressed
- Steel construction provides durability and long service life
- Ergonomically designed pistol handle
- Available as valve only (as shown) or fitted with a 360° 'Z' swivel (GRO2214)
- Comes complete with 150mm steel extension and heavy duty coupler
- Threaded 1/8" BSPT (F) x 1/8" BSPT (F)



Code
GRO2185

OIL SUCTION GUN

- A rugged gun designed to extract oils out of hard to reach gearboxes, differentials, transfer boxes etc.
- Deluxe lip seal provides maximum suction
- Complete with 300mm clear flexible vinyl hose
- Knurled banding for better grip
- Powder coated finish
- Fully serviceable, needs no priming
- Suitable for non corrosive liquids



Code	Capacity
GRO2240	500ml

TRANSFER GUN

- The easiest and safest way to transfer fluids
- Dual direction operation
- Allows for the transfer of fluids from one container to another in a single stroke of the gun
- Eliminates manual contact with the fluid
- Construction allows for use with a variety of oils, fuel, oils, petrol, brake fluid, antifreeze etc.
- Transfer gun comes complete with 1,2m clear vinyl hose for each valve



Code	Capacity
GRO2243	350ml

LEVER ACTION BARREL PUMP - HEAVY DUTY

- Engineered for heavy duty applications
- All seals and packing are hi-nitrile rubber, with steel piston and foot valves
- Fits 50 and 205 litre barrels and comes complete with curved metal spout and telescopic suction tube with two bungs (1 1/2" and 2")
- Can be used with most oil based fluids
- Not recommended for any acid, solvents, antifreeze or water based fluids

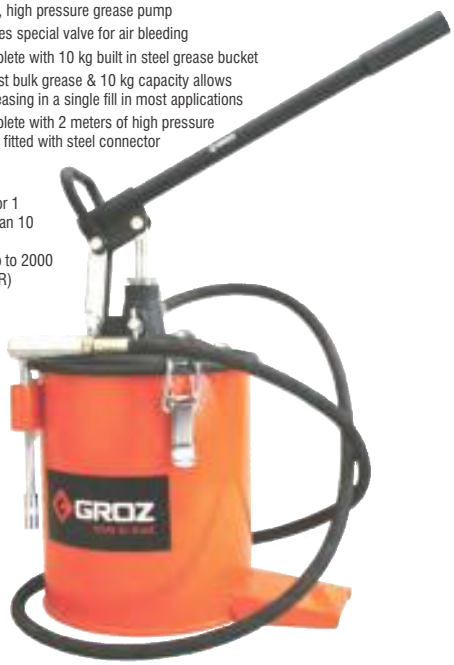


Code	Delivery
GRO3280	300ml / Stroke

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

BUCKET GREASER

- Quick volume greasing pump constructed from heavy-duty cast iron
- High volume, high pressure grease pump
- Pump includes special valve for air bleeding
- Comes complete with 10 kg built in steel grease bucket
- Uses low cost bulk grease & 10 kg capacity allows complete greasing in a single fill in most applications
- Comes complete with 2 meters of high pressure rubber hose, fitted with steel connector and coupler
- Delivers 9 gms/stroke or 1 oz. in less than 10 strokes at pressures up to 2000 PSI (138 BAR)



Code	Delivery
GRO2183	9gms / Stroke

GREASE FOOT PUMP - MINI LUBE

- Pump is operated by foot press of the spring loaded system
- The hose gets charged with grease, which can then be dispensed through the Super Gun fitted at the end of the hose
- A single charge provides 30 shots of grease
- High pressure / high volume feature is very useful to open blocked grease fittings
- 1,5m hose



Switch for high pressure / high volume setting



Super Gun with 360° swivel



Code	Delivery
GRO2135	1.25g / Stroke

HIGH PRESSURE GREASE PUMP

- An easy-to-use, portable, high pressure, hand operated grease pump
- Provides volume greasing where power is not available or when an air operated grease pump cannot be afforded and high pressure greasing is required
- Ideal for clean greasing of machinery, equipment, trucks and cars
- Pump has a steel construction with a cast aluminium head and solid steel pumping chamber
- Supplied complete with 310 mm drum cover 255 - 282 mm rubber lining follower plate 25,4 mm inner diameter x 1220 mm high pressure flexible hose fitted with a professional 4 jaw coupler
- Depth adjustable



Code	Grease Pail Size
GRO2172	20kg

AIR OPERATED GREASE RATIO PUMP

- A compact and practically noiseless air operated 50 : 1 ratio pump
- Ideal for applications where there is a continuous need for high pressure grease
- Can be used without an airline lubricator as the motor is non-corroding
- Use with light and self collapsing grease up to NLGI #2
- Delivery: 1.1kg NLGI #2 grease per minute
- Supplied complete with drum cover rubber lined follower plate 213 cm high pressure hose, Z swivel and grease control gun
- Air consumption: 9 cfm per minute
- Required air pressure: 6 - 8 Bar
- Spare pump kits are available, quote part number GRO2176
- Spare motor kits are available, quote part number GRO2178



Code	Grease Pail Size
GRO2175	20kg
GRO2180	50kg

Spare Hose for GRO2175/2180

Code	Length
GRO2143	213cm

EZEE FLO PUMP



- Versatile hand lift pump for use on 20 litre drums
- Heavy duty suction tube with 19 mm extension and high density polyethylene head
- Interchangeable bung adaptors fit drum with Rieke spout and regular opening
- Supplied complete with 1,2 m hose and curved metal spout
- Use for engine and gear oil, antifreeze and light fuels
- NOT suitable for water based liquids and corrosive materials

Code	Delivery
GRO3285	1 Litre / 15 Strokes

ROTARY BARREL PUMP (OIL)



- Heavy duty transfer pump
- Pump in either direction with a few reverse turns of the handle
- Sturdy cast iron construction with hi-nitrile rubber seals
- Supplied with suction tube, bung nut and steel discharge spout threaded 3/4" NPT
- Fits 50 - 205 litre barrels
- Telescopic feed shaft
- For diesel and non-corrosive petroleum based fluids
- NOT suitable for water based liquids and corrosive materials



Code	Delivery
GRO3290	5 Litre / 20 Turns

GEARED ROTARY BARREL FUEL PUMP - HEAVY DUTY

- Geared rotary barrel pump with 3 times discharge per rotation
- For every complete handle turn the rotor turns 3 times
- Dispenses 55 gallons/ 205 litres in 3 minutes
- Discharge through 1.8 metre of delivery hose with metal nozzle
- Aluminium die cast handle with security locking latch
- 50mm cast iron bung adaptor
- Built in nozzle holder
- Pump inlet fitted with easy to clean wire mesh screen
- Complete with 3 piece threaded suction tube for use on 50 and 205 litre barrels
- Suitable for fuel and aviation fuel
- NOT for use with corrosive liquids, solvents, alkalis etc.



Code	Delivery
GRO2160	205 Litres / 3 Mins

ROTARY CHEMICAL PUMP

- Engineered for use with media which a regular cast iron pump cannot be used
- Suitable for use with water based media, antifreeze, gasoline, acids, chemicals etc in addition for use with all petroleum based products
- Pump body, outlet and suction tube are manufactured from glass filled polypropylene
- For use on 50 - 205 litre drums
- Do not use with acetone, lacquer, mineral oils, solvents, turpentine etc.





Code	Delivery
GRO2190	5 Litre / 20 Turns

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

LEVER PUMP - HIGH VISCOSITY

- Polyethylene / polyacetal, other, construction
- Specifically for use with high viscosity materials
- Opening vent cap on top stops discharge
- Complete with tube and flexible discharge hose
- Use with lightweight non-inflammable liquids only
- Water based liquids, detergents ,anti-freeze, hydraulic oils etc
- **DO NOT** use for fuel or thinners transfer
- **DO NOT** use with hot liquids above 60°C





Code	Delivery
GRO3297	500ml / Stroke

VERTICAL CHEMICAL PUMP

- For use on 50 - 205 litre drums
- Body is constructed from nylon with stainless steel shaft and teflon seals
- Excellent for use with paint thinners
- Also used for pumping acetone, antifreeze, brake kleen, detergents, glycerine, water, weed killer and mild acids
- Do not use with strong acids, bleach, gasoline, etc.





Code	Delivery
GRO2195	400ml / Stroke

SIPHON PUMP

- Polyethylene siphon pump
- Pumps liquids to lower levels than pump
- Primes and pumps within 6-7 strokes
- Requires no further actions to keep working
- Opening vent cap on top stops discharge
- To pump to higher levels, continuous pumping is needed
- Complete with flexible corrugated discharge tube
- Use with lightweight non-inflammable liquids only
- **DO NOT** use with hot liquids above 60°C





Code	Delivery
GRO3295	6.5 LPM

SIPHON PUMP

- Polyethylene siphon pump
- Pumps liquids to lower levels than pump
- Primes and pumps within 6-7 strokes
- Requires no further actions to keep working
- Opening vent cap on top stops discharge
- To pump to higher levels, continuous pumping is needed
- Complete with flexible corrugated discharge tube
- Use with lightweight non-inflammable liquids only
- **DO NOT** use with hot liquids above 60°C





Code	Delivery
GRO3296	17.5LPM

DRUM PLUG SPANNER

- Non-sparking aluminium drum wrench
- Convenient and compact design for easy storage
- Manufactured from cast aluminium (LM25)
- Ends of the wrench have a special construction which fit perfectly onto most 50 and 19 mm drum plugs
- Wrench is hardened and tempered for increased strength



Code	Size
GRO5530	19mm & 50mm

BILGE PUMP KIT

- Hand operated diaphragm pump, designed to work in any position - vertical, horizontal, at an angle or even upside down
- Pump can be mounted anywhere; on a wall, wooden base, drum etc.
- Pump handle can be fitted in any position, making installation very easy
- Constructed from minimal parts, the pump is virtually maintenance free
- High chemical compatibility making it useful for a variety of applications in industrial, agricultural, automotive and marine
- **DO NOT** use with food grade media or any material not compatible with the pump's components



Code	Delivery
GRO3292	16.6 LPM

OIL CAN

- Rigid and flexible spout included
- Easy-to-use pistol grip oil can has a deluxe brass suction pump
- All brass pump mechanism



Code	Size
GRO2790	180ml

OIL CANS

- The PT series of oil cans has a modern and contemporary design with a dome shaped body
- The oil can body is seamlessly drawn from heavy gauge, tin coated sheet steel and has a premium powder coated finish
- The pump has two ball valves for large volume delivery per stroke
- The suction valve at the bottom of the pump is without a spring preventing malfunction due to resinous oil and a sticking valve
- All brass pump mechanism
- Oil cans come complete with rigid and flexible spouts



Code	Size
GRO2800	300ml
GRO2820	500ml
GRO2840	700ml

HIGH FLOW FUEL FILTER

- Complete with 10 micron fuel filter element
- Durable & lightweight design for easy installation on both mobile & stationary fuel tanks and on gasoline & diesel fuel pumps
- Ideal for use in agricultural & industrial applications
- Rust & weather resistant for years of service
- The 10 micron paper filter element filters even small particles of rust, scale, grit, dirt, sand & lint at a gravity flow of 19 litres / minute with only a 24" (600 mm) head
- The filter element has 366 square inches of filtering surface which results in more particle retention, which means cleaner fuel, and fewer costly engine repairs
- Replacement filter elements available as spare
- Also available water block fuel filter element which separates water from fuel

WETTED COMPONENTS
Aluminium, Polypropylene, NBR, Steel, Paper element, Nylon, Brass
RECOMMENDED USE
Petrol, diesel fuel.
DO NOT USE
With Water based products, gasohol, aviation fuels, race fuels etc



Code	Size
GRO2161	1" BSP

REPLACEMENT FILTER ELEMENTS

- Replacement filter elements available as spare

WETTED COMPONENTS
Aluminium, Polypropylene, NBR, Steel, Paper element, Nylon, Brass
RECOMMENED USE
Petrol, diesel fuel.
DO NOT USE
With Water based products, gasohol, aviation fuels, race fuels etc



Code	Size/Type
GRO2162	Water Block
GRO2163	Fuel Filter

HEAVY DUTY COUPLER

- Heavy duty hydraulic coupler
- Hardened body withstands high pressures without deformation
- Hexagonal nut allows for easy tightening
- Heavy duty, 4 jaws, 10'000 PSI / 690 Bar
- 1/8" BSPT



Code	Threads
GRO2210	1/8" BSPT

PROFESSIONAL COUPLER

- Professional heavy duty hydraulic coupler
- Hardened body with double wall thickness withstands very high pressures without deformation
- Hexagonal nut allows for easy tightening
- Professional. 3 jaws, 6'000 PSI / 413 Bar
- 1/8" BSPT



Code	Threads
GRO2205	1/8" BSPT

STANDARD COUPLER

- Standard duty hydraulic coupler
- Sleek design allows for use on fittings with limited access
- Milled slot for easy tightening
- Standard, 4 jaws, 3'000 PSI / 207 Bar



Code	Threads
GRO2212	1/8" BSPT

360° SWIVEL COUPLER

- Z X 360° swivel fits between gun and hose for easy handling
- 6'000 PSI / 413 Bar
- Heavy duty steel construction with ball bearings for smooth operation and free movement
- Use with grease control valve GRO2185



Code	Threads
GRO2214	1/8" M x 1/4" F

FIXED HOOK-ON COUPLER

- Zinc die cast body for greasing 5/8"(16mm) button head fittings
- Coupler conveniently slides over the face of the button



Code	Threads
GRO2207	1/8" BSPT

HEAVY DUTY SWIVELLING COUPLER

- Zinc die cast body for greasing 5/8"(16mm) button head fittings
- Coupler conveniently slides over the face of the button



Code	Threads
GRO2213	1/8" BSPT

GREASE NIPPLES

- ISO TS16949 approved manufacturing
- A comprehensive range of grease nipples in BSP, SAE and mm sizes
- All sizes are available in straight, button head, 45° and 90° variants
- Packed 25 per box
- Heat treated to SAE J534 specs. Hardness on greasing end in a minimum of 83 on Rockwell 15N scale



Code	Size / Style
GRO7018	1/4 BSP Straight B x 25
GRO7020	1/4 SAE Straight B x 25
GRO7048	1/8 BSP 90° B x 25
GRO7050	1/8 BSP B/Head B x 25
GRO7052	1/8 BSP Straight B x 25
GRO7060	1/8 SAE Straight B x 25
GRO7070	1/8 SAE 45° B x 25
GRO7080	1/8 SAE 90° B x 25
GRO7100	6 x 1mm Straight B x 25
GRO7110	6 x 1mm 45° B x 25
GRO7115	6 x 1mm 90° B x 25
GRO7140	8 x 1mm Straight B x 25
GRO7150	8 x 1mm 45° B x 25
GRO7160	8 x 1mm 90° B x 25
GRO7180	10 x 1mm Straight B x 25
GRO7190	10 x 1mm 45° B x 25
GRO7200	10 x 1mm 90° B x 25



GRO7190

10 x 1mm 45° B x 25



GRO7200

10 x 1mm 90° B x 25



GRO7018

1/4 BSP Straight B x 25



GRO7020

1/4 SAE Straight B x 25



GRO7048

1/8 BSP 90° B x 25



GRO7050

1/8 BSP B/Head B x 25



GRO7052

1/8 BSP Straight B x 25



GRO7060

1/8 SAE Straight B x 25



GRO7070

1/8 SAE 45° B x 25



GRO7080

1/8 SAE 90° B x 25



GRO7100

6 x 1mm Straight B x 25



GRO7110

6 x 1mm 45° B x 25



GRO7115

6 x 1mm 90° B x 25



GRO7140

8 x 1mm Straight B x 25



GRO7150

8 x 1mm 45° B x 25



GRO7160

8 x 1mm 90° B x 25



GRO7180

10 x 1mm Straight B x 25

Automotive

GREASE NIPPLE ASSORTMENT - mm & SAE SIZES - 110 PIECE

- A comprehensive range of grease nipples in mm and SAE sizes
- Selection of straight, button head, 45° and 90° variants



Code	Size / Type
GRO7300	110 pce / mm
GRO7310	110 pce / SAE

OIL MEASURES

- 4 assorted sizes sturdily fabricated from tin plate
- Hot dip galvanized



Code	Size
BOR0005	500ml
BOR0010	1 L
BOR0015	2 L
BOR0020	5 L

FUNNEL - STRAIGHT SQUARE

- Heavy Duty
- Galvanized iron
- Fitted with sieve
- Large capacity
- Long spout



Code	Size
BOR0025	250 x 250mm

FUNNEL OFFSET - ROUND

- Heavy Duty
- Re-inforced rim
- Fitted with sieve
- Spout offset for easier access
- Large capacity



Code	Size
BOR0035	180mm

FUNNEL - STRAIGHT ROUND

- Heavy Duty
- Re-inforced rim
- Fitted with sieve
- Straight spout
- Large capacity



Code	Size
BOR0028	100mm
BOR0030	180mm

PLASTIC FUNNELS

- A convenient 4-piece funnel set for everyday use



Code	Size
HON0910	4 pce

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

GEAR PULLERS - HEAVY DUTY - 2 JAW

- Most popular models
- Professional quality tools manufactured to withstand heavy use in industrial applications, farms, machine shops and automotive applications
- Made from drop forged carbon alloy steel, heat treated to exacting standards with rolled threads for greater strength and durability
- The pullers have smooth surfaces and are chrome plated



Code	Size	Size
RIC2680	75mm	RT14/206-3
RIC2682	100mm	RT14/206-4
RIC2684	150mm	RT14/206-6
RIC2686	200mm	RT14/206-8

MECHANICAL PULLER - TWIN LEG

- Two legs for removing gears, races, bearings and sprockets
- Double ended legs for external use
- Automotive and industrial applications
- Drop forged steel legs, beam and jaws
- Heat treated for strength and durability
- Can be upgraded for triple leg pulling



Code	Size	Ref.
SYK083000	Reach: 80mm Spread: 0-150mm	083000
SYK083100	Reach: 140mm Spread: 0-200mm	083100
SYK083200	Reach: 250mm Spread: 0-300mm	083200
SYK086000	Reach: 75mm Spread : 0-75mm	086000
SYK086200	Reach: 225mm Spread: 0-225mm	086200

GEAR PULLERS HEAVY DUTY - 3 JAW

- Most popular models
- Professional quality tools manufactured to withstand heavy use in industrial applications, farms, machine shops and automotive applications
- Made from drop forged carbon alloy steel, heat treated to exacting standards with rolled threads for greater strength and durability
- The pullers have smooth surfaces and are chrome plated



Code	Size	Ref.
RIC2688	75mm	RT14/207-3
RIC2690	100mm	RT14/207-4
RIC2692	150mm	RT14/207-6

MECHANICAL PULLER - TRIP LEG

- Three legs for removing gears, races, bearings and sprockets
- Double ended reversible legs
- Automotive and industrial applications
- Double ended legs for external use
- Drop forged steel legs, beam and jaws
- Heat treated for strength and durability



Code	Size	Ref.
SYK082700	Reach: 80mm Spread: 0-150mm	082700
SYK082800	Reach: 140mm Spread: 0-200mm	082800
SYK082900	Reach: 250mm Spread: 0-300mm	082900

MECHANICAL PULLER - TRIP LEG 083400

- Three legs for removing gears, races, bearings and sprockets
- 3 positions, adjustable legs for increased pulling options
- Automotive and industrial applications
- Double ended legs for external use
- Drop forged steel legs, beam and jaws
- Heat treated for strength and durability



Code	Size
SYK083400	Reach : 380mm Spread : 0-350mm

MECHANICAL PULLER - TWIN/TRIPLE REVERSIBLE LEG - 082805

- Twin and triple beams and double ended legs for a wide range of pulling options
- Double ended reversible leg



Code	Size	No. of Puller Combinations
SYK082805	Reach : 80mm Spread :0-150mm	4

CONCENTRIC PULLER

- The screw operated concentric action and self adjusting legs make it easy to use
- Self-locking, self positioning legs and force screw
- Can be used in a two or three leg format
- Self positioning and self centering action prevents damage to gears or bearing shafts
- Longer service life due to concentric action
- Self-locking legs eliminate the danger of the puller legs slipping off under load
- Prolonged service life with quality forged and durable parts
- Ease of use saves operating time
- One puller for two or three leg operations



Code	Spread	Reach	Capacity	Shaft Ø	Ref.
SYK100130	35-270mm	160mm	5 Tons	3/4" x 10T	100130
SYK100150	60-380mm	250mm	10 Tons	7/8" x 14T	100150

PULLER - SELF GRIP ADJUSTABLE

- Excellent all around medium duty mechanical pullers
- Self gripping, self centering and spring load action
- High quality manufacture using the best high strength alloy steels, chrome finish on legs
- Easily adjustable for either 2 leg or 3 leg format
- Light duty, compact, quick and simple to use
- Slim design legs for good access
- Spring assisted action to ease the fitting of the puller to the work object



Code	Spread	Reach	Capacity	Ref.
SYK100320	20-150mm	150mm	1.1 Tons	100320
SYK100330	20-200mm	200mm	1.7 Tons	100330

HYDRAULIC PULLER AND SEPARATOR KIT - THIN JAWS - 193103

- Combination pack consisting of a medium duty hydraulic thin jaw puller and bearing separator
- Supplied in carton



Code	Size
SYK193103	Ext Reach : 876mm Ext Spread : 50-105mm

PULLER - HUB MECHANICAL 3 LEG 082503

- Free moving legs mounted on a floating plunger enables quick and easy attachment to vehicle hubs
- Heavy duty hammer type handle allows the application of shock force for rapid removal of sticking hubs
- Fine pitch force screw for smooth application of pulling power
- Plunger, legs and handle drop forged from high quality steel, heat treated for strength and durability
- Cars and Light Commercial Vehicles



Code **SYK082503**

Description	Length	Spread Capacity	Stud Hole Ø	Thread	Ø	Drive Nut
Leg Force Screw Shock Handle Plunger Body	158mm 285mm 203mm	203mm	15.8mm	1 1/2" x 16BSW 1 1/2" x 16BSW	100mm	1 3/16"

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

PULLER - HYDRAULIC TWIN/TRIPLE LEG KIT - 186504

- Makes 5 different hydraulic and 1 mechanical thin jaw puller
- Thin jaw leg
- Supplied in metal case



Code	Spread	Reach	Ram Ext.
SYK186504	50-225mm	225mm	50-150mm

HYDRAULIC PULLER & SEPARATOR KIT 155200

- Makes 4 different twin/triple leg pullers, plus bearing separator kit
- Supplied in lockable metal case



Code	Spread	Reach	Ext. Spread	Ext. Reach
SYK155200	50-50mm	150mm	20-105mm	876mm

PULLER KIT - MULTI PACK

- Separator has very thin tapered edge for insertion behind close fitting bearings, gears etc
- Twin / triple leg puller has thin jaws
- Makes 5 different puller / separator combinations
- Drop forged, high quality steel, heat treated
- Supplied in carton



Code	Max Spread	Max Reach	Max Ext. Spread
SYK094003	140mm	89mm	155mm

PULLER - HYDRAULIC 3 LEG - 153900

- Removes gears, bearings, pulleys and sprockets
- Wide range of automotive and industrial applications
- Powered by 1500 series hydraulic ram (part no. 150000)
- Safe and easy to use
- 8 tons of force with minimum effort
- Easy to adjust
- Non-twisting for improved stability
- Supplied with nose piece for use on centered shafts
- Standard triple leg Puller
- Self centering, self locking
- Redesigned legs, improving strength



Code	Spread	Reach	Ram Ext.
SYK153900	130-250mm	250mm	150mm

PULLER - HYDRAULIC RAM - 15000

- Grease filled
- Direct force improves stability under load
- Provides maximum withdrawal force of 80kN



Code
SYK150000

PULLER - MICRO FAST FIT - 082150

- For rapid removal of small bearings
- Covers a wide range of automotive and engineering applications
- Including alternators/generators, domestic appliances, power tools and pumps
- Self-centring force screw with 'T' bar and 13mm hexagon drive
- Drop forged legs with independent leaf springs
- Securing collar tightens under load for positive, non slip pulling action
- Suitable for ISO referenced bearings
- 1 ton capacity



Code	Reach	Spread
SYK082150	19-73mm	19-45mm

BEARING REMOVER - BLIND HOUSING MULTIPULL® - 098200

- These special pullers will remove blind housing bearings without the need to dismantle machinery or remove the running shaft
- Positive seating allows even tension on inner and outer bearing rings, reducing resistance
- Stabilisers reduce sideways movement and self-centre the puller
- Supplied in blow mould case



Code	Min. Spread	Max. Spread	Adaptor Ø	Reach
SYK098200	56mm	210mm	16-31.75mm	490mm

BEARING SEPARATOR

- Individual separators for removing and refitting bearings
- Can be used with any of the Sykes-Pickavant design of pullers, where standard legs cannot gain access
- Tapered edges provide all around support
- Use with 0830001, 083100, 083200, 083300, 094000, 094100, 094200, 094300



Code	External Spread	Ref.
SYK095000	10-55mm	095000
SYK095100	20-105mm	095100
SYK095200	35-140mm	095200
SYK095300	50-175mm	095300

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

COIL SPRING COMPRESSOR - SCREW TYPE - 083805

- Set of 3 threaded screws and hook-type jaws
- For additional safety when working on modern high-tension springs
- For added safety, Sykes-Pickavant recommends the use of this type of spring compressor in sets of three on all occasions



Code
SYK083805

VALVE SPRING LIFTER - 11066/1

- Bright nickel-plated
- 2 piece jaw



Code	Clamp Width
STW74122001	75-225mm

VALVE SPRING COMPRESSOR - 660210

- Removes valves in small/medium petrol and diesel engines
- Cam action provides parallel lift
- Automatic locking action
- Simple to operate T bar and screw adjuster
- With straight, adjustable width jaws



Code	Jaw Opening	Throat Depth
SYK660210	70-135mm	150mm

VALVE SPRING COMPRESSOR - OHC 660430

- Removes valves in OHC petrol and diesel engines
- Also fits a wide variety of small and medium size OHV engines
- Cam action tool provides parallel lift
- Automatic locking action
- Simple to operate T bar and screw adjuster
- Open, 'bucket' style jaw gives excellent visibility aiding access to difficult areas
- Suits over cam engines



Code	Jaw Opening	Throat Depth
SYK660430	63-129mm	158mm

PISTON RING COMPRESSOR

- Double broached design for use on all passenger cars
- Two band ratchet type with enlarged crimped edge to prevent compressor from entering the cylinder
- Double tension band eliminates bottom flare
- Made from high grade spring steel
- Allen key included



Code	Size	Ref.
RIC0930	53x125x75mm	RT14/110B
RIC0935	60x175x100mm	RT14/111B
RIC0937	60x175x150mm	RT14/112B

PISTON RING COMPRESSOR

- Made of spring steel
- Stepless adjustment with hexagon key wrench



Code	Ref
STW74140000	11068/0
STW74140001	11068/1
STW74140003	11068/2

PISTON RING COMPRESSOR - 660370

- For cars and light commercial vehicles
- Complete with square drive key
- With spring assisted ratchet type lock



Code	Capacity Ø	Depth
SYK660370	57-125mm	80mm

PISTON RING COMPRESSOR - 032200

- For large commercial vehicles, industrial and agricultural engines



Code	Size	Length
SYK032200	90-175mm	165mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

HYDRAULIC BOTTLE JACKS

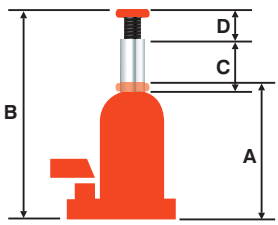
- For easy lifting, bending and pushing on a wide variety of automotive, truck, industrial and construction jobs
- Cars, light trucks, vans, medium trucks, recreational vehicles, motor homes, caravans, boat trailers, farm equipment, off-road equipment
- Can be used horizontally or vertically
- Heat treated extension screw
- Automatic bypass system
- All Bottle jacks are fitted with safety overload valves and are supplied with 2 or 3 part handles
- **NOTE: when used at a angle or horizontal, pump must be in an upright position**



SABS ISO 9001/2000

ISO 9002 approved. Test certificate available on request.

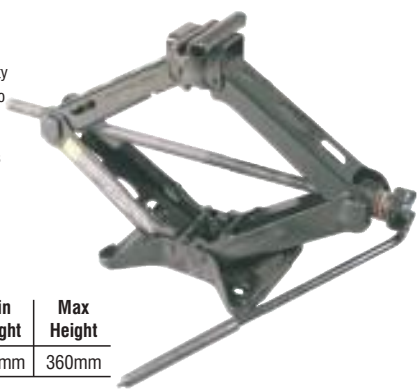
Part No.	Capacity (Tons)	A Min. Height (mm)	B Max. Height (mm)	C Hydraulic Lifting (mm)	D Screw Extension (mm)	Nett Weight (kg)
MOB2000	2 (2 Stage)	157	387	180	50	3.7
MOB2001	2	181	345	116	48	2.9
MOB2002	3	194	372	118	60	3.6
MOB2003	5	216	413	127	70	4.8
MOB2004	8	230	457	147	80	6.3
MOB2005	12	230	465	155	80	8.0
MOB2009	12 (Short)	152	270	78	40	6.8
MOB2011	15	230	440	150	80	8.9
MOB2006	20	242	452	150	60	11.5
MOB2010	20 (Short)	165	286	81	42	9.9
MOB2007	30	280	460	180	-	23.6
MOB2008	50	305	483	178	-	50.4
MOB2012	100	305	461	156	-	90.6





bosal SCISSOR JACK - 1 TON

- Solid construction
- Superior strength, stability and durability
- Compact and easy to stow away
- Suitable for light commercial vehicles



Code	Min Height	Max Height
BOS0560	100mm	360mm



SERVICE JACK - 3 TON - SHORT BODY

- For general purpose lifting requirements with safe and stable load handling
- Polished ram and plunger protecting seals from abrasion
- Built in safety valve ensures safe operation and prevents overloading
- Patented hydraulic bypass system prevents ram plunger from over-travelling
- Equipped with patented quick-lift foot pedal offering quick pumping to reach vehicle chassis
- Handle actuated release valve provides metered control at any desired lowering speed
- Conforms to ANSI/ASME safety standards
- All service jacks have swivel castors for easy steering



Code	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Overall Length (mm)	Overall Width (mm)	Overall Height (mm)	Gross Weight (kg)
MOB3019	3	140	490	637	341	167	39.7

MAGIC LIFT SERVICE JACK - 3 TON - SHORT BODY

ONLY 5 PUMPS TO REACH FULL HEIGHT!

- ***Fast & Safe!*** *Extraordinary lifting speed with Magiclift U.S. Patent No. 5,755,099*
- ***Special Feature of MOB25056 & MOB29039 HTR and L.C.S. Mechanism*** HTR (Hold-To-Run) mechanism is designed to assure users' maximum safety when the valve is released. LCS provides user the maximum safety.
- Handle actuated release valve provides precise metered control of lowering speeds
- Wide stance and low centre of gravity provide optimum stability under load stress
- Extended long frames allow easy positioning contact of hard-to-reach lift points in the application of automotive, heavy-duty trucks, industrial & agricultural garages

Code	Jack Features/ Type	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Overall Length (mm)	Overall Width (mm)	Overall Height (mm)	Gross Weight (kg)
MOB3001	Short Body	3	95	580	755	335	160	43.0



MAGIC LIFT SERVICE JACK - 2 TON - LONG BODY

ONLY 5 PUMPS TO REACH FULL HEIGHT!

- ***Fast & Safe!*** *Extraordinary lifting speed with Magiclift U.S. Patent No. 5,755,099*
- ***Special Feature of MOB25056 & MOB29039 HTR and L.C.S. Mechanism*** HTR (Hold-To-Run) mechanism is designed to assure users' maximum safety when the valve is released. LCS provides user the maximum safety.
- Handle actuated release valve provides precise metered control of lowering speeds
- Wide stance and low centre of gravity provide optimum stability under load stress
- Extended long frames allow easy positioning contact of hard-to-reach lift points in the application of automotive, heavy-duty trucks, industrial & agricultural garages

Code	Jack Features/ Type	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Overall Length (mm)	Overall Width (mm)	Overall Height (mm)	Gross Weight (kg)
MOB25023	Long Body	2	100	815	1044	392	204	74.5



MAGIC LIFT SERVICE JACK - 3 TON - LONG BODY

ONLY 5 PUMPS TO REACH FULL HEIGHT!

- ***Fast & Safe!*** *Extraordinary lifting speed with Magiclift U.S. Patent No. 5,755,099*
- ***Special Feature of MOB25056 & MOB29039 HTR and L.C.S. Mechanism*** HTR (Hold-To-Run) mechanism is designed to assure users' maximum safety when the valve is released. LCS provides user the maximum safety.
- Handle actuated release valve provides precise metered control of lowering speeds
- Wide stance and low centre of gravity provide optimum stability under load stress
- Extended long frames allow easy positioning contact of hard-to-reach lift points in the application of automotive, heavy-duty trucks, industrial & agricultural garages

Code	Jack Features/ Type	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Overall Length (mm)	Overall Width (mm)	Overall Height (mm)	Gross Weight (kg)
MOB29039	Long Body	3	95	508	997	380	173	53.1



MAGIC LIFT SERVICE JACK - 5 TON - LONG BODY

ONLY 5 PUMPS TO REACH FULL HEIGHT!

- ***Fast & Safe!*** *Extraordinary lifting speed with Magiclift U.S. Patent No. 5,755,099*
- ***Special Feature of MOB25056 & MOB29039 HTR and L.C.S. Mechanism*** HTR (Hold-To-Run) mechanism is designed to assure users' maximum safety when the valve is released. LCS provides user the maximum safety.
- Handle actuated release valve provides precise metered control of lowering speeds
- Wide stance and low centre of gravity provide optimum stability under load stress
- Extended long frames allow easy positioning contact of hard-to-reach lift points in the application of automotive, heavy-duty trucks, industrial & agricultural garages

Code	Jack Features/ Type	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Overall Length (mm)	Overall Width (mm)	Overall Height (mm)	Gross Weight (kg)
MOB25056	Long Body	5	165	565	1338	428	280	91.5



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

TROLLEY RACING JACK - 1.5 TON

- Extra low profile design, professional racing jack ideal for racing fanatics
- Manufactured from high grade aluminium with an anodized finish
- Two piece handle for compact storage

Code	Jack Features/ Type	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Hydraulic Lifting (mm)	Overall Length (mm)	Overall Width (mm)	Overall Height (mm)	Gross Weight (kg)
MOB3000	Short Body	1	90	450	360	680	305	155	19.5



SERVICE JACK - 5 TON LONG BODY

- Wide stance and low centre of gravity provide optimum stability under load stress
- Polished ram and plunger protecting seals from abrasion
- Built in safety valve ensure safe operation and prevents overloading
- Patented hydraulic bypass system prevents ram plunger from over-travelling
- Equipped with patented quick-lift foot pedal offering quick pumping to reach vehicle chassis
- Handle actuated release valve provides metered control at any desired lowering speed

Code	Jack Features/ Type	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Overall Length (mm)	Overall Width (mm)	Overall Height (mm)	Gross Weight (kg)
MOB3003	LongBody	5	178	686	1468	430	195	106.0



TROLLEY JACK - 12 TON

- Metered release system allows for precise load control at any desired lowering speed
- Large saddle
- Extra wide wheels and solid stance designed for stability under load stress
- Convenient foot pedal for fast, no load lifts
- All service jacks have swivel castors for easy steering

Code	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Overall Length (mm)	Overall Width (mm)	Hydraulic Lift (mm)	Gross Weight (kg)
MOB3004	12	180	600	1740	330	420	120.0



TROLLEY JACK - 20 TON

- Metered release system allows for precise load control at any desired lowering speed
- Large saddle
- Extra wide wheels and solid stance designed for stability under load stress
- Convenient foot pedal for fast, no load lifts
- All service jacks have swivel castors for easy steering

Code	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Overall Length (mm)	Overall Width (mm)	Hydraulic Lift (mm)	Gross Weight (kg)
MOB3006	20	180	600	1910	340	420	165.0



FLOOR STYLE TRANSMISSION JACK - 1 TON

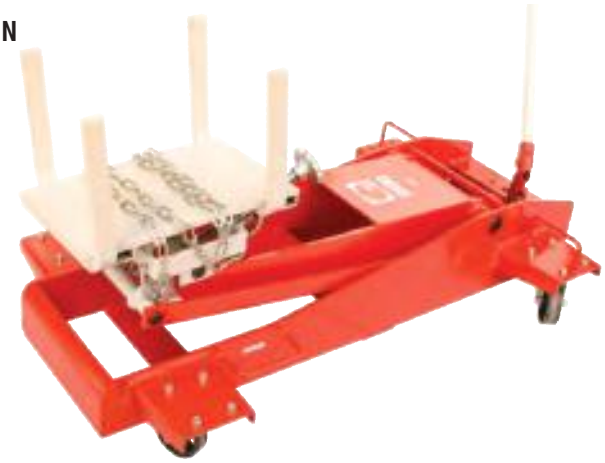
- The adjustable head can be tilted forward, backward and side to side for optimum alignment of transmission bolt patterns and pins
- Hydraulic system is protected from internal damage by a patented bypass mechanism
- Load restraining chain is provided for raising and lowering safety
- Four heavy duty steel castor wheels with swivel ball bearings allow easy movement and positioning of the jack
- 360° rotating jacking socket for maximum directional operation

Code	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Hydraulic Lift (mm)	Gross Weight (kg)
MOB3011	1	210	780	565	75.0



FLOOR STYLE TRANSMISSION JACK - 1.5 TON

- The adjustable head can be tilted forward, backward and side to side for optimum alignment of transmission bolt patterns and pins
- Hydraulic system is protected from internal damage by a patented bypass mechanism
- Load restraining chain is provided for raising and lowering safety
- Four heavy duty steel castor wheels with swivel ball bearings allow easy movement and positioning of the jack
- 360° rotating jacking socket for maximum directional operation



Code	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Hydraulic Lift (mm)	Gross Weight (kg)
MOB3007	1.5	200	945	745	144.0

PIT STYLE TRANSMISSION JACK - 1 TON

- The adjustable head can be tilted forward, backward and side to side for optimum alignment of transmission bolt patterns and pins
- Hydraulic system is protected from internal damage by a patented bypass mechanism
- Load restraining chain is provided for raising and lowering safety
- Four heavy duty steel castor wheels with swivel ball bearings allow easy movement and positioning of the jack
- 360° rotating jacking socket for maximum directional operation
- IDEAL FOR USE UNDER 2 OR 4 POST LIFTS





Code	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Hydraulic Lift (mm)	Gross Weight (kg)
MOB3009	1	1216	2046	830	46.9

HYDRAPNEUMATIC TRUCK JACK - 20 TON

- Safety valve to prevent internal damage or operator injury
- Air operated function enables quick lifting (minimum air pressure required is 8-14 bar)
- Large diameter solid rubber wheels for easy movement and positioning
- A choice of three handle angles: 90° for space saving storage, 45° for easy carrying, 0° for access to lifting point
- Carrying handle
- Self return spring to minimise operator effort
- Built-in silencer (filter)to reduce working noise
- Extension screw allows for added height adjustment
- U.S. patented built-in bypass device(Patent No.4 077 608) protects the hydraulic cylinder from over pumping
- Chrome plated rams

Code	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Hydraulic Lifting (mm)	Gross Weight (kg)
MOB3012	20	260	495	135	35.4



HYDRAPNEUMATIC TRUCK JACK - 30 TON

- Safety valve to prevent internal damage or operator injury
- Air operated function enables quick lifting (minimum air pressure required is 8-14 bar)
- Large diameter solid rubber wheels for easy movement and positioning
- A choice of three handle angles: 90° for space saving storage, 45° for easy carrying, 0° for access to lifting point
- Carrying handle
- Self return spring to minimise operator effort
- Built-in silencer (filter)to reduce working noise
- Extension screw allows for added height adjustment
- U.S. patented built-in bypass device(Patent No.4 077 608) protects the hydraulic cylinder from over pumping
- Chrome plated rams

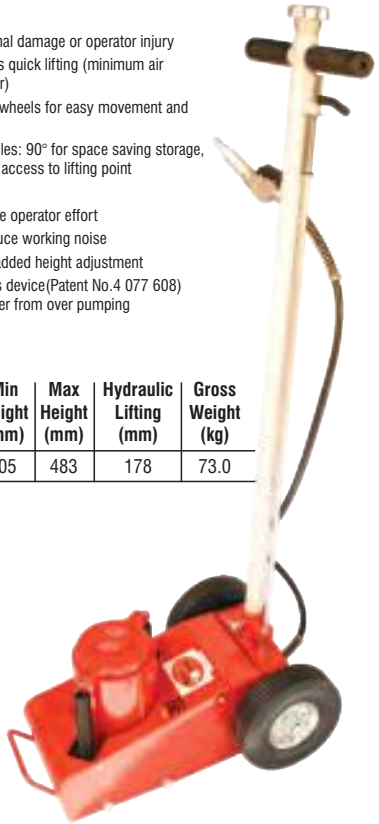
Code	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Hydraulic Lifting (mm)	Gross Weight (kg)
MOB3046	30	280	458	178	47.0



HYDRAPNEUMATIC TRUCK JACK - 50 TON

- Safety valve to prevent internal damage or operator injury
- Air operated function enables quick lifting (minimum air pressure required is 8-14 bar)
- Large diameter solid rubber wheels for easy movement and positioning
- A choice of three handle angles: 90° for space saving storage, 45° for easy carrying, 0° for access to lifting point
- Carrying handle
- Self return spring to minimise operator effort
- Built-in silencer (filter)to reduce working noise
- Extension screw allows for added height adjustment
- U.S. patented built-in bypass device(Patent No.4 077 608) protects the hydraulic cylinder from over pumping
- Chrome plated rams

Code	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Hydraulic Lifting (mm)	Gross Weight (kg)
MOB3047	50	305	483	178	73.0



FORKLIFT JACK - 5 TON

- Scissor mechanism for maximum lift
- Compact and maneuverable

Code	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Overall Length (mm)	Overall Width (mm)	Gross Weight (kg)
MOB1147	5	70	365	725	315	120.0



PALLET JACK - 2,5 TON

- Double arm mobile jack
- Used for lifting and moving pallets
- Lift height - approx. 175 mm
- Swivel wheels
- Pump handle to engage hydraulic lift
- Lowering release on main handle at fingertip

Code	Capacity (Tons)	Overall Length (mm)	Overall Width (mm)
MOB2095	2,5	1220	685



FARMER'S JEEP JACK - 3 TON

- Extremely versatile, this jack gives the user supreme command of demanding situations that require efficient lifting, pushing, winching, hoisting and clamping





Code	Capacity (Tons)	Minimum Lift (mm)	Maximum Lift (mm)
MOB1600	3	155	1350

TRESTLE - PIN TYPE 3 TON

- Sturdy welded steel construction for superior safety and strength
- Suitable for a wide variety of automotive and agricultural applications
- Traditional pin type adjustment
- Large footprint for maximum stability
- Safety chain to prevent pin loss
- **TO BE USED IN PAIRS ONLY**



Code	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Increment Height (mm)	Gross Weight (kg)
MOB2030	3	320	470	150	3.0

TRESTLE - PIN TYPE 6 TON

- Sturdy welded steel construction for superior safety and strength
- Suitable for a wide variety of automotive and agricultural applications
- Traditional pin type adjustment
- Large footprint for maximum stability
- Safety chain to prevent pin loss
- **TO BE USED IN PAIRS ONLY**



Code	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Increment Height (mm)	Gross Weight (kg)
MOB2035	6	465	610	145	5.2

TRESTLE - PIN TYPE 12 TON, STANDARD

- Sturdy welded steel construction for superior safety and strength
- Suitable for a wide variety of automotive and agricultural applications
- Traditional pin type adjustment
- Large footprint for maximum stability
- Safety chain to prevent pin loss
- **TO BE USED IN PAIRS ONLY**



Code	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Increment Height (mm)	Gross Weight (kg)
MOB2040	12	510	725	215	13.0

TRESTLE - PIN TYPE 12 TON, HIGH LIFT

- Ideal for truck & bus application
- Sturdy welded steel construction for superior safety and strength
- Suitable for a wide variety of automotive and agricultural applications
- Traditional pin type adjustment
- Large footprint for maximum stability
- Safety chain to prevent pin loss
- **TO BE USED IN PAIRS ONLY**



Code	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Increment Height (mm)	Gross Weight (kg)
MOB2045	12	855	1065	210	21.0

TRESTLE - PIN TYPE - 20 TON

- Sturdy welded steel construction for superior safety and strength
- Suitable for a wide variety of automotive and agricultural applications
- Traditional pin type adjustment
- Large footprint for maximum stability
- Safety chain to prevent pin loss
- **TO BE USED IN PAIRS ONLY**



Code	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Increment Height (mm)	Gross Weight (kg)
MOB2050	20	500	800	-	28.0

TRESTLE - RATCHET TYPE CAR/VAN - 3 TON

- Counter-weighted pawl serves as a safe, secure locking device to prevent accidental disengagement of the load
- Sturdy welded steel construction for superior safety and strength
- One piece multi-position ductile ratchet bar provides super strength and durability
- Quick adjustment mechanism securely locks into desired position
- **TO BE USED IN PAIRS ONLY**



Code	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Saddle Size (mm)	Base Size LxW (mm)	Gross Weight (kg)
MOB2101	3	295	430	96x27	195x170	7.3

TRESTLE - RATCHET TYPE - 6 TON

- Counter-weighted pawl serves as a safe, secure locking device to prevent accidental disengagement of the load
- Sturdy welded steel construction for superior safety and strength
- One piece multi-position ductile ratchet bar provides super strength and durability
- Quick adjustment mechanism securely locks into desired position
- **TO BE USED IN PAIRS ONLY**



Code	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Saddle Size (mm)	Base Size LxW (mm)	Gross Weight (kg)
MOB2102	6	390	618	108x32	225x276	14.5

TRESTLE - RATCHET TYPE - 12 TON

- Counter-weighted pawl serves as a safe, secure locking device to prevent accidental disengagement of the load
- Sturdy welded steel construction for superior safety and strength
- One piece multi-position ductile ratchet bar provides super strength and durability
- Quick adjustment mechanism securely locks into desired position
- **TO BE USED IN PAIRS ONLY**



Code	Capacity (Tons)	Min Height (mm)	Max Height (mm)	Saddle Size (mm)	Base Size LxW (mm)	Gross Weight (kg)
MOB2103	12	445	692	117x38	307x274	28.0

TRUCK CHOCKS

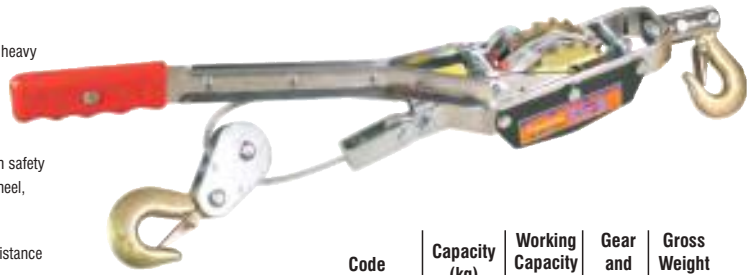
- Manufactured from heavy gauge steel
- Solid construction
- Suitable for light commercial vehicles and cars
- Essential to prevent vehicle rolling/moving during service or wheel change
- Powder coated
- Sold in pairs



Code	Length (mm)	Width (mm)	Height (mm)	Gross Weight (kg)
MOB8004	326	204	161	9.6/Pair

HAND POWER PULLER - 2000KG

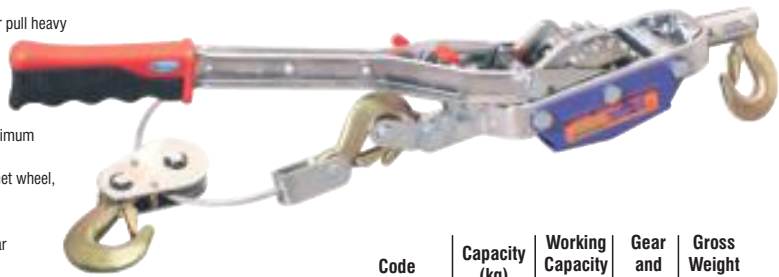
- General purpose cable pullers designed to lift, lower, stretch or pull heavy loads
- One piece body frame construction
- Chrome / zinc plated and polished for corrosion resistance
- Drop forged steel hook with spring safety latch
- East-to-reach cable release works one notch at a time for maximum safety
- Heavy duty stamped steel provides added strength in the ratchet wheel, drive pawl and stop pawl
- Heavy duty metal safety shield
- Heat treated, heavy duty bolts in the handle and body for shear resistance
- Heavy polished steel ratchet arm for smooth non-binding operation
- Heavy duty galvanised aircraft cable



Code	Capacity (kg)	Working Capacity (kg)	Gear and Pawl	Gross Weight (kg)
MOB2119080	2000	1000	Double	24.0

HAND POWER PULLER - 4000KG

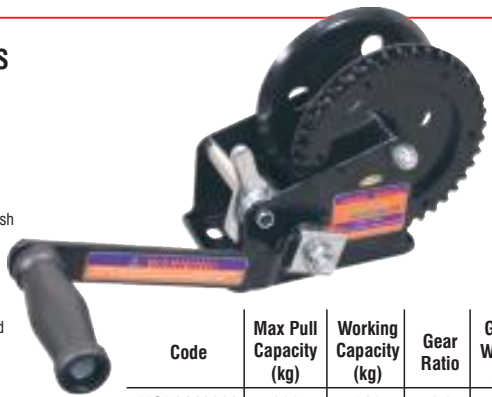
- General purpose cable pullers designed to lift, lower, stretch or pull heavy loads
- One piece body frame construction
- Chrome / zinc plated and polished for corrosion resistance
- Drop forged steel hook with spring safety latch
- East-to-reach cable release works one notch at a time for maximum safety
- Heavy duty stamped steel provides added strength in the ratchet wheel, drive pawl and stop pawl
- Heavy duty metal safety shield
- Heat treated, heavy duty bolts in the handle and body for shear resistance
- Heavy polished steel ratchet arm for smooth non-binding operation
- Heavy duty galvanised aircraft cable



Code	Capacity (kg)	Working Capacity (kg)	Gear and Pawl	Gross Weight (kg)
MOB2119077	4000	1500	Double	30.0

HAND WINCHES

- 960kg & 1500kg capacities
- Solid gear construction
- 960kg, single gear, 2 way, 1 speed
- 1500kg, double gear, 2 way, 1 speed
- Black electrostatic discharge coating finish for improved resistance to corrosion
- Internally lubricated drum and pinion gear bushings
- Precise gear tooth engagement
- Formed reinforcement in frame for added strength
- Great for use on boat trailers and many other uses
- **CABLE NOT INCLUDED**



Code	Max Pull Capacity (kg)	Working Capacity (kg)	Gear Ratio	Gross Weight (kg)
MOB2119086	960	320	4:1	17.5

WINCH CABLE

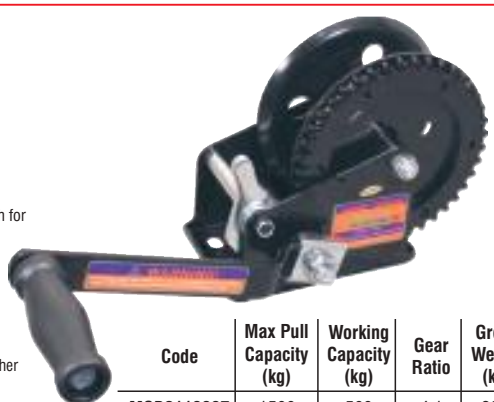
- Nominal breaking load 1905kg
- Galvanised aircraft cable with one forged hook
- Cable 5mm x 10m



Code	Nominal Breaking Load (kg)	Length (m)	Gross Weight (kg)
MOB2119088	1905	10	23.0

HAND WINCHES

- 960kg & 1500kg capacities
- Solid gear construction
- 960kg, single gear, 2 way, 1 speed
- 1500kg, double gear, 2 way, 1 speed
- Black electrostatic discharge coating finish for improved resistance to corrosion
- Internally lubricated drum and pinion gear bushings
- Precise gear tooth engagement
- Formed reinforcement in frame for added strength
- Great for use on boat trailers and many other uses
- **CABLE NOT INCLUDED**



Code	Max Pull Capacity (kg)	Working Capacity (kg)	Gear Ratio	Gross Weight (kg)
MOB2119087	1500	500	4:1	20.0

WINCH CABLE

- Nominal breaking load 1905kg
- Galvanised aircraft cable with one forged hook
- Cable 5mm x 10m



Code	Nominal Breaking Load (kg)	Length (m)	Gross Weight (kg)
MOB2119088	1905	10	23.0

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

Mobi-Jack Hydraulic Equipment

One Year Limited Warranty for Mobi-Jack Hydraulic Equipment

For a period of ONE (1) year from the date of purchase, MOBI-JACK will repair or replace, at its option, without charge, any of its products which fails due to defect in material or workmanship, or which fails to confirm to any implied warranty not excluded hereby.

1. The consumer's sole and exclusive remedy shall be the repair or replacement of defective products as described above.
2. Mobi-jack shall not be liable for loss what so ever
3. The duration of any and all expressed and implied warranties, including without limitation, any warranties of Merchantability and fitness for a particular purpose, is limited to a period of one (1) year from the date of purchase.

MAINTENANCE

- Inspect hoses and connections daily. Replace damaged components immediately with BVA Hydraulics Replacement Parts only.
- Tighten connections as needed. Use pipe thread sealing compound when servicing connections.
- Always use clean, approved hydraulic fluid and change as recommended or sooner if the fluid becomes contaminated (never exceed 400 hours). Follow pump manufacturers instructions for changing and adding hydraulic fluid. Use only good quality hydraulic fluid. We recommend Mobil DTE13M or equivalent when using with hand pump or air pump; BVA Hydraulics Oil (F01) or equivalent when using with electric pump. Never use brake fluid, transmission fluid, turbine oil, motor oil, alcohol, glycerin etc. Use of other than good quality hydraulic oil will void warranty and damage the cylinder, pump, hose etc.
- Use an approved, high-grade pipe thread sealant to seal all hydraulic connections. Teflon tape can be used if only one layer of tape is used and it is applied carefully (two threads back) to prevent the tape from being introduced into hydraulic system. A piece of tape could travel through the system and obstruct the flow of fluid and adversely affect function.

LUBRICATION & CLEANING

- Keep cylinder clean at all times.
- Any exposed threads (male or female) must be cleaned and lubricated regularly, and protected from damage.
- Lubricate with light machine oil.
- If a cylinder or ram has been exposed to rain, snow, sand, airborne abrasive, or any corrosive environment, it must be cleaned, lubricated, and protected immediately after exposure. Daily clean exposed ram with clean cloth dampened with light machine oil. Protect exposed ram from the elements at all times.
- Keep the hydraulic system as free of dirt as possible. When not in use, couplers must be sealed with dust covers. All hose connections must be free of dirt and grime. Any equipment attached to the cylinder must be kept clean.

STORAGE

- Cylinders should be stored vertically with ram plunger fully retracted in a dry, protected area, not exposed to corrosive vapor, dust or other harmful elements. When a cylinder has not been used for a period of 4 months, it should be connected to a pump and fully extended and then retracted a minimum of 5 times. This cycle will lubricate the cylinder wall, reducing the possibility of corrosion and damage thereof.

HOW TO REMOVE FAULTY COUPLER

- If cylinder does not retract,
  1. Secure load by other means.
  2. Depressurize pump and hose.
  3. Remove the cylinder from application.
  4. Disconnect and replace with new coupler.

IMPORTANT

- Do not attempt to grasp with pliers or wrench without first wrapping the jaws of such tool with rags or similar padding.
- How to bleed air from system:
  1. Place pump at a higher elevation than the hose and cylinder as shown in Figure 2.
  2. Operate pump to fully extend and retract the cylinder 2 or 3 times. The objective is to force the air bubbles up hill and back to the pump reservoir.
  3. Follow pump instruction manual to bleed the air from pump reservoir. On most pumps, air can escape by opening the oil filler plug/screw.

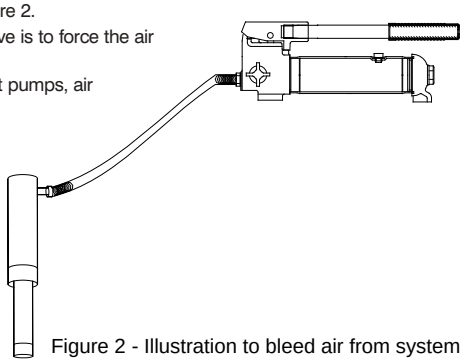


Figure 2 - Illustration to bleed air from system

SINGLE ACTING CYLINDERS

- High Tonnage Cylinders
- Heavy Duty Return Spring for quicker retraction.
- Solid steel cylinder body
- Maximum Operating Pressure 10,000 PSI



Model Number	Stroke (mm)	A Min. Height (mm)	B Max. Height (mm)	Oil Capacity (cc)	Weight (Kg)	Cylinder Capacity
MOB7000	78	69	247	50	1.6	5T=45KN
MOB7005	129	221	350	83	2.1	5T=45KN
MOB7010	102	174	276	147	3.1	10T=101KN
MOB7015	151	250	401	218	4.3	10T=101KN
MOB7020	202	301	503	291	5.4	10T=101KN
MOB7025	101	200	301	204	5.1	15T=142KN
MOB7030	152	270	422	308	7.0	15T=142KN
MOB7035	203	321	524	411	8.0	15T=142KN
MOB7040	254	372	626	515	9.3	15T=142KN

FLAT BODY CYLINDERS

- Body made of high quality solid steel.
- Extremely low design for use in narrow areas where standard cylinders will not fit.
- Maximum working pressure: 700 bar (10,000 psi).





Model Number	Stroke (mm)	A Min. Height (mm)	B Max. Height (mm)	Oil Capacity (cc)	Weight (Kg)	Cylinder Capacity
MOB7045	11	43	54	16	1.5	10T=104KN
MOB7050	11	51	62	31	2.7	20T=194KN
MOB7055	13	59	71	54	4.4	30T=287KN

LOW PROFILE CYLINDERS

- High Tonnage Cylinders
- Compact design for use in confined spaces.
- Plunger wiper reduces contamination and extends the cylinder-life.
- Special designed return spring ensures a quick retraction and extends the life of the spring.
- Industrial hard chrome plated ram helps prevents scratching and corrosion.
- Plunger end is grooved to reduce load slipping.
- Includes high flow coupler and dust cap.
- Maximum working pressure: 700 bar (10, 000 PSI)

Packed individually.





Model Number	Stroke (mm)	A Min. Height (mm)	B Max. Height (mm)	Oil Capacity (cc)	Weight (Kg)	Cylinder Capacity
MOB7060	38.0	88	126	58	2.6	10T=106KN
MOB7065	44.5	99	144	126	5.0	20T=198KN
MOB7080	62.0	117	179	259	6.8	30T=293KN

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

THREADED CYLINDERS

- High quality threaded single acting cylinders
- Removable threaded plunger adapter allows for the use of a variety of threaded attachments
- Used to attach accessories to rod end and base
- Maximum working pressure: 700 bar (10,000 psi)



Cylinder Capacity 10T=101KN

Model Number	Stroke (mm)	A Min. Height (mm)	B Max. Height (mm)	Oil Capacity (cc)	Weight (Kg)
MOB7075	151	291	442	217	4.8

HYDRAULIC HAND PUMPS

- Internal pressure relief valve for overload protection
- External load release valve for single acting cylinder usage
- Large oil capacities to power a wide range of cylinders and tools
- Maximum working pressure: 700 bar (10,000 psi)



Model Number	Stage	Usable Oil Cap. c.c.	Press. Rating (bar)	Oil Disp. per Stroke (cc)	Max Oper. Force (N)	Piston Stroke (mm)	Oil Outlet Port	Weight (kg)
MOB7075	Single	600	700	2.46	486	20.0	3/8"18NPTF	5.9

AIR HYDRAULIC PUMPS

- High Strength reinforced alloy aluminum reservoir is lightweight and corrosion resistant
- Internal pressure relief valve for over load protection
- Suggested air pressure range: 114-700 psi / 8-14 bar
- Designed to be used with single acting cylinders
- Dust cover protection for the release control valve
- Dual stage release valve
- Maximum working pressure: 700 bar (10,000 psi)



Model Number	Stage	Usable Oil Cap. c.c.	Press. Rating (bar)	Air Press. Rating (bar)	Output Flow Rate (L/min)		Oil Outlet Port	Air Input Port	Weight (kg)
					No Load	Load			
MOB7095	Single	1500	700	8-14	1.07	0.18	3/8"18NPTF	1/4"18NPTF	8.2





CHAIN HOIST

- Heavy duty construction for added lifting strength and safety
- Positive ratchet assembly for secure raising and lowering
- Top and bottom hooks have safety clips
- A range of lifting weights from 0,5 - 5,0 tons available



Code	Capacity	Lift
HYC0005	0,5 Ton	2,5m
HYC0010	1,0 Ton	2,5m
HYC0015	1,5 Ton	2,5m
HYC0020	2,0 Ton	2,5m
HYC0025	3,0 Ton	3,0m
HYC0030	5,0 Ton	3,0m

LEVER HOIST

- Heavy duty construction for added lifting strength and safety
- Positive ratchet assembly for secure raising and lowering
- Top and bottom hooks have safety clips
- A range of lifting weights from 0,75 - 3,0 tons available



Code	Capacity	Lift
HYC1000	0,75 Ton	1,5m
HYC1010	1,5 Ton	1,5m
HYC1020	3,0 Ton	1,5m

ROPE HOIST - 450KG

- Pulling capacity 900kg
- Strong 22m nylon rope
- Heavy gauge metal pulleys with nylon pulley wheels
- Double grip safety hooks
- Ideal for camping, boating & general utility work



Code	Capacity	Lift
HON3035	450kg	2,5m

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

STANDARD FOLDING CRANE - HYDRAULIC

- Heavy duty welded construction from rugged tubular steel
- Metered control release valve enables boom lowering at a precisely controlled rate of speed
- Long hydraulic ram is equipped with a special, patented built-in bypass mechanism
- Ideal for lifting and transporting engines, transmissions, generators, pumps, compressors and other heavy equipment
- Spares available - Ram Hydraulic Unit - Caster Assembly - Front Wheels
- Crane conveniently folds away for easy storage & transportation

Crane conveniently folds away for easy storage & transportation





Code	Capacity (Tons)	Base Length (mm)	Base Width Front (mm)	Base Width Rear (mm)	Gross Weight (kg)
MOB4001	1	1520	1120	1100	83.0

Boom Position	Capacity (kg)	Min Hook Height (mm)	Max Hook Height (mm)	Boom Length (mm)
1	1000	400	1970	950
2	900	300	2020	1050
3	800	200	2080	1150
4	700	100	2130	1250
5	600	-	2180	1350

ECONOMY CRANE

- Heavy duty welded construction from rugged tubular steel
- Metered control release valve enables boom lowering at a precisely controlled rate of speed
- Long hydraulic ram is equipped with a special, patented built-in bypass mechanism
- Ideal for lifting and transporting engines, transmissions, generators, pumps, compressors and other heavy equipment
- Spares available - Ram Hydraulic Unit - Caster Assembly - Front Wheels



Code	Capacity (Tons)	Base Length (mm)	Base Width Front (mm)	Base Width Rear (mm)	Gross Weight (kg)
MOB4005	2	1588-2316	819-1000	692-1282	1389.0

Boom Position	Capacity (kg)	Min Hook Height (mm)	Max Hook Height (mm)	Boom Length (mm)
1	2000	420	1524	838
2	1500	298	1790	1069
3	1000	178	2057	1295
4	500	57	2324	1524

SHOP PRESS WITH HAND PUMP - 12 TON

- Ideal for the removal or installation of gears, universal joints, pulleys, wrist pins and other press jobs
- Excellent for bending, bonding or straightening applications
- Multi-position bed for variable work height adjustment
- Heavy duty welded steel construction
- Free standing
- With hand pump



Code	Capacity (Tons)	Workbed Width (mm)	Ram Stroke (mm)	Min Work Space (mm)	Max Work Space (mm)	Gross Weight (kg)
MOB5001	12	530	154	83	883	94.5

SHOP PRESS - 20T

- Ideal for the removal or installation of gears, universal joints, pulleys, wrist pins and other press jobs
- Excellent for bending, bonding or straightening applications
- Multi-position bed for variable work height adjustment
- Heavy duty welded steel construction
- Free standing



Code	Capacity (Tons)	Workbed Width (mm)	Ram Stroke (mm)	Min Work Space (mm)	Max Work Space (mm)	Gross Weight (kg)
MOB5003	20	750	160	0	998	134

SHOP PRESS WITH HAND PUMP - 25 TON

- Ideal for the removal or installation of gears, universal joints, pulleys, wrist pins and other press jobs
- Excellent for bending, bonding or straightening applications
- Multi-position bed for variable work height adjustment
- Heavy duty welded steel construction
- Free standing
- With hand pump



Code	Capacity (Tons)	Workbed Width (mm)	Ram Stroke (mm)	Min Work Space (mm)	Max Work Space (mm)	Gross Weight (kg)
MOB5002	25	510	165	93	890	112.8

SHOP PRESS WITH HAND PUMP - 50T

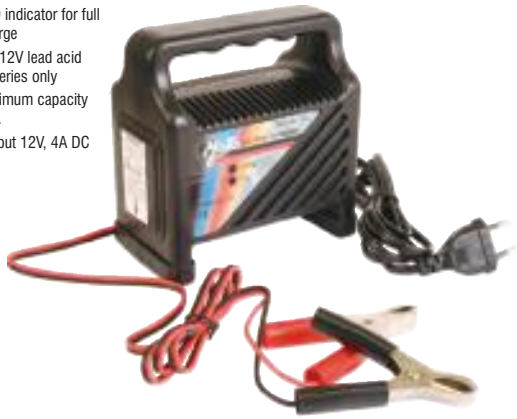
- Ideal for the removal or installation of gears, universal joints, pulleys, wrist pins and other press jobs
- Excellent for bending, bonding or straightening applications
- Multi-position bed for variable work height adjustment
- Heavy duty welded steel construction
- Free standing
- With hand pump



Code	Capacity (Tons)	Workbed Width (mm)	Ram Stroke (mm)	Min Work Space (mm)	Max Work Space (mm)	Gross Weight (kg)
MOB5004	50	800	200	200	1190	385.0

BATTERY CHARGER - 6 AMP

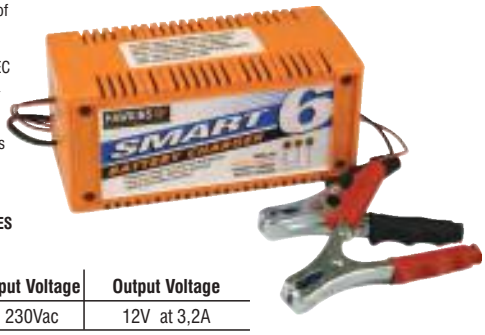
- LED indicator for full charge
- For 12V lead acid batteries only
- Minimum capacity 20A
- Output 12V, 4A DC



Code	Input Voltage	Output Voltage
SHF0500	230Vac	12V at 4A

BATTERY CHARGER - SMART 6

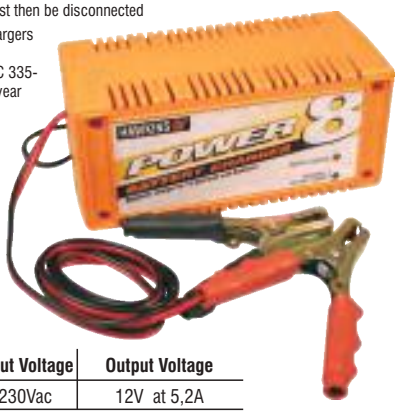
- Is an automatic taper charger
- An electronic control card regulates the output voltage thereby preventing overcharging
- Potential free clamps prevents sparking when connecting to the battery
- Charger requires a minimum of 10V to be present on the battery before it will start charging
- Charger has a thermal switch embedded in the transformer which shuts the unit down if excess heat is generated
- Charger can be left connected to the battery unattended for extended periods
- The Smart Series of chargers were designed in compliance with IEC 335-2-2 and has a two year limited warranty against defects in materials and workmanship
- **RECOMMENDED FOR SEALED & VENTED BATTERIES**



Code	Input Voltage	Output Voltage
HAW6AA	230Vac	12V at 3,2A

BATTERY CHARGER - POWER 8

- Manual taper charger
- Transformer is protected by an automatic reset thermal circuit breaker
- Charger is not automatic and must be periodically monitored
- When the GREEN & ORANGE LED's come on, the battery is full and the charger must then be disconnected
- Power Series of chargers were designed in compliance with IEC 335-2-2 and has a two year limited warranty against defects in materials and workmanship
- **NOT RECOMMENDED FOR SEALED BATTERIES**



Code	Input Voltage	Output Voltage
HAW6-6G	230Vac	12V at 5,2A

BATTERY CHARGER - POWER 10

- Manual taper charger
- Current can be switched between 5A and 10A
- Transformer is protected by an automatic reset thermal circuit breaker
- Input to the charger is protected by a mains fuse in the socket
- Resettable circuit breaker will trip if the charge current higher than 10A flows into the battery
- Charger is not automatic and must be periodically monitored
- The Power Series of chargers were designed in compliance with IEC 335-2-2 and has a two year limited warranty against defects in materials and workmanship
- **NOT RECOMMENDED FOR SEALED BATTERIES**



Code	Input Voltage	Output Voltage
HAW6-10G	230Vac	12V at 6,4A

BATTERY CHARGER - SMART 15

- Is a 2 stage automatic charger
- Switch on the front panel selects either 5A or 10A charge current
- Electronic control card regulates the output voltage thereby preventing overcharging
- Potential free clamps prevents sparking when connecting to the battery
- Charger requires a minimum of 10V to be present on the battery before it will start charging
- Battery leads are protected by a battery fuse located under the charger
- Charger can be left connected to the battery unattended for extended periods
- Input to the charger is protected by a replaceable mains fuse
- The Smart Series of chargers were designed in compliance with IEC 335-2-2 and has a two year limited warranty against defects in materials and workmanship
- **RECOMMENDED FOR SEALED & VENTED BATTERIES**



Code	Input Voltage	Output Voltage
HAW15A	230Vac	12V at 10A

BATTERY CHARGER - PRO 15

- Is a multi battery charger capable of charging 6v, 12v or 24v batteries
- Voltage selection switch allows the user to set the appropriate voltage
- Current selection switch varies the charge current up to 10a
- Fuse on the front panel will blow if the pro 15 is connected incorrectly to the battery
- Resettable circuit breaker will trip if a charge current higher than 10a is selected
- Input to the charger is protected by a mains fuse in the socket
- **NOT RECOMMENDED FOR SEALED BATTERIES**



Code	Input Voltage	Output Voltage
HAW12-10G	230Vac	6V / 12V / 24V at 10A

BATTERY CHARGER - PRO 30

- Is a multi battery charger capable of charging 6V, 12V or 24V batteries
- Voltage selection switch allows the user to set the appropriate voltage
- Current selection switch varies the charge current up to 20A
- Fuse on the front panel will blow if the PRO 30 is connected incorrectly to the battery
- Resettable circuit breaker will trip if a charge current higher than 20A is selected
- Input to the charger is protected by an internal mains fuse
- **NOT RECOMMENDED FOR SEALED BATTERIES**



Code	Input Voltage	Output Voltage
HAW12-20G	230Vac	6V / 12V / 24V at 20A

BATTERY CHARGER - PRO 224

- Is a bench, type 18A 12V / 24V manual battery charger or 200A engine starter
- Voltage selection is made by connecting the charging cable to either the 12V or 24V stud
- Current can be varied by switches on the front panel
- Transformer is protected by an automatic reset thermal circuit breaker
- The Pro Series of chargers were designed in compliance with IEC 335-2-2 and has a two year limited warranty against defects in materials and workmanship
- **NOT RECOMMENDED FOR SEALED BATTERIES**



Code	Input Voltage	Output Voltage
HAWPRO224	230Vac	12V 18,5A or 24V 19A

BATTERY CHARGER - PRO 615

- Is a dual multi battery charger capable of charging 12V, 24V or 36V batteries
- Charger can charge up to 6 x 12V batteries at a time
- Charger has 2 identical banks that can each charge 3 x 12V batteries
- Voltage selection switch allows the user to set the appropriate voltage per bank
- Current selection switch varies the charge current up to 10A per bank
- Fuse on the front panel will blow if the PRO 615 is connected incorrectly to the battery
- Resettable circuit breaker will trip if a charge current higher than 10A is selected
- Input to the charger is protected by an internal mains fuse
- **NOT RECOMMENDED FOR SEALED BATTERIES**



Code	Input Voltage	Output Voltage
HAW36-10G	230Vac	12V / 24V / 36V at 10A

BATTERY CHARGER - PRO 324 POWER BOOSTER

- Is a trolley type 30A 12V / 24V manual battery charger or 300A engine starter
- Voltage selection is made by connecting the charging cable to either the 12V or 24V stud on the top panel
- Current can be varied by a rotary switch on the front panel
- Transformer is protected by an automatic reset thermal circuit breaker
- Manual reset circuit breaker protects against incorrect polarity or too high a charging current
- The Pro Series of chargers were designed in compliance with IEC 335-2-2 and has a two year limited warranty against defects in materials and workmanship
- **NOT RECOMMENDED FOR SEALED BATTERIES**



Code	Input Voltage	Output Voltage
HAWPB300	230Vac	12V 37A or 24V 44A

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

HAWKINS BATTERY CHARGER - PRO 524

- Is a trolley, type 60A 12V / 24V manual battery charger or 500A engine starter
- Voltage selection is made by connecting the charging cable to either the 12V or 24V stud
- Current can be varied by a rotary switch on the front panel
- Unit incorporates a reverse polarity light to indicate incorrect connection to the battery
- Has an engine start button that has to be pressed when the unit is used as a jump starter
- Built in timer is handy for charging at high currents for short periods.
- Transformer is protected by an automatic reset thermal circuit breaker
- The Pro Series of chargers were designed in compliance with IEC 335-2-2 and has a two year limited warranty against defects in materials and workmanship
- **NOT RECOMMENDED FOR SEALED BATTERIES**



Code	Input Voltage	Output Voltage
HAW6-60GX	230Vac	12V 68A OR 24V 91A

HAWKINS BATTERY LOAD TESTER - BLT 600

- Is an adjustable carbon pile load tester that can provide a discharge current of up to 600A for 15 seconds
- Able to test either 6V or 12V batteries.
- Has a voltmeter and an ammeter
- Capable of testing batteries up to 200Ah capacity



Code	Input Voltage	Discharge Current
HAW0400	6Vdc/12Vdc	Up to 600A

HAWKINS DC INVERTER

- Takes 12V dc and converts that to a modified sine-wave 230Vac
- Unit is ideal for using on TVs, DVD players, power tools, CFL lights etc
- Ideal for taking into the bush and charging your camera batteries, powering laptops as well as providing lighting from your car battery
- Unit is reverse polarity as well as short circuit protected
- Unit has a universal mains socket that accepts a wide variety of plugs
- Minimum recommended battery size: 12V 105Ah



Code	Input Voltage	Output Voltage
HAW1200W	12V	230Vac

MTS BOOSTER CABLES

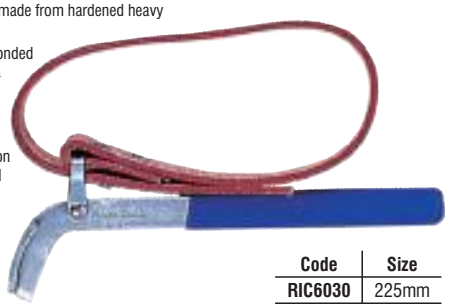
- Heavy duty crocodile clips with comfortable soft plastic handles
- Cables are securely welded and crimped to the clips
- Convenient zip bag allows the cables to be stowed away neatly



Code	Size
HON0550	200A
HON0552	400A

STRAP WRENCH - HEAVY DUTY - RT12/273B

- Lever handle made from hardened heavy gauge steel
- Heavy duty bonded strap for extra strength
- Comfortable vinyl grip
- Ideal for use on automotive oil filters and pipes



Code	Size
RIC6030	225mm

STRAP WRENCH - 12005

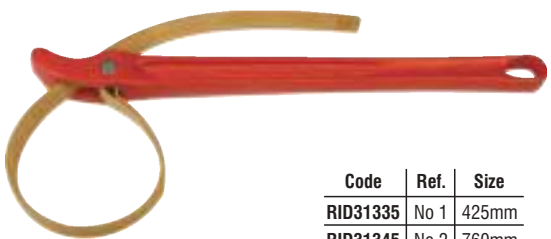
- For oil filters
- Up to 140mm diameter



Code	Length
STW76500001	450mm

STRAP WRENCHES

- Designed for clamping polished surfaces
- Strong, woven nylon strap gives tight grip
- Polyurethane coated strap prevents scratching
- Replacement straps available



Code	Ref.	Size
RID31335	No 1	425mm
RID31345	No 2	760mm

OIL FILTER - STRAP WRENCH 36

- Chrome Vanadium steel 31CrV3
- Chrome plated
- Strong wide strap
- Light duty



Code	Size
GED632732	220mm

Strap Only Code	Ref.
GED532738	E36/1

FILTER WRENCH

- Adjustable to fit all size filters
- Automatic action hardened steel clamp has serrated inner surface for secure grip
- High impact plastic handle
- Rust proof baked enamel finish



Code	Size
RIC5720	225mm

OIL FILTER REMOVER STRAP TYPE 038600

- For removing oil, fuel and water filters, gripping hubs and brake drums, removing exhausts
- Strong steel shank and tough polyester strap
- Compact design gives high leverage in restricted areas
- Spares: 038605 Spare Strap



Code	Capacity Ø	Drive
SYK038600	0-300mm	13/16" Hex & 1/2" Sq Drive

OIL FILTER REMOVER HEAVY DUTY CHAIN TYPE 038900

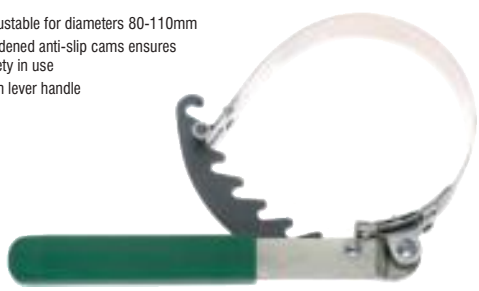
- For removing large oil, fuel and water filters on commercial vehicles, plant machinery and industrial engines
- Robust construction with mild steel shank and heavy duty leaf link chain



Code	Capacity Ø	Drive
SYK038900	150mm	1" Hex & 1/2" Sq Drive

OIL FILTER WRENCH - 12007/2

- Adjustable for diameters 80-110mm
- Hardened anti-slip cams ensures safety in use
- With lever handle



Code	Size
STW76521002	240mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

OIL FILTER REMOVER WRENCH 038100

- A spider-type oil filter wrench designed for use where access is limited
- The geared legs automatically tighten as the load increases, securely gripping the filer for safe, easy removal



Code	Capacity Ø	Drive
SYK038100	62-93mm	19mm Hex & 3/8" Sq Drive

BATTERY TERMINAL CLEANER

- 4-way terminal / post cleaner
- Positive and negative sized scrapers
- Female terminal reamer with 8 sharpened flutes



Code	Size
RIC0440	4 Way

TELESCOPIC SWIVEL MIRROR

- 50mmØ round mirror
- Extends from 280 - 440mm
- Chrome plated telescopic handle
- Ideal inspection tool for difficult-to-see places
- Cushion grip handle



Code	Size Ø
HON3800	50mm

MIRROR INSPECTION TOOL - TELESCOPIC

- Round mirror 50mm diameter
- Overall length 275mm extendable to 412mm
- Chrome plated telescopic handle with insulated vinyl grip
- A useful tool for all types of inspection work where visibility is impaired or obstructed



Code	Length
RIC2220	412mm

TELESCOPIC MIRROR - 12920N

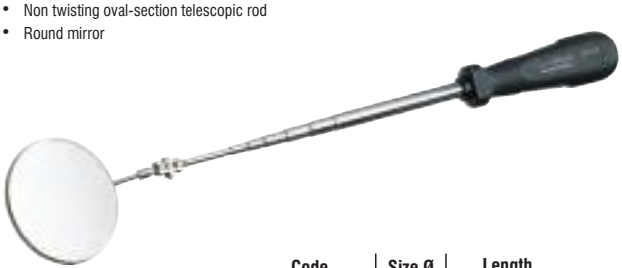
- Non twisting oval-section telescopic rod
- Rectangular mirror



Code	Size	Length
STW77401001	65 x 43mm	310-750mm

TELESCOPIC MIRROR - 12921N

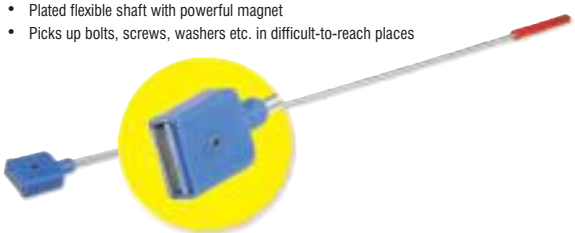
- Non twisting oval-section telescopic rod
- Round mirror



Code	Size Ø	Length
STW77401030	30mm	265 - 705mm
STW77401060	60mm	295 - 735mm

MAGNETIC PICKUP TOOL

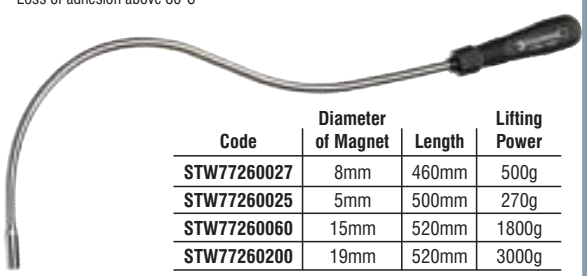
- Plated flexible shaft with powerful magnet
- Picks up bolts, screws, washers etc. in difficult-to-reach places



Code	Length
HON7025	600mm

MAGNETIC PICKUP TOOL - 12600

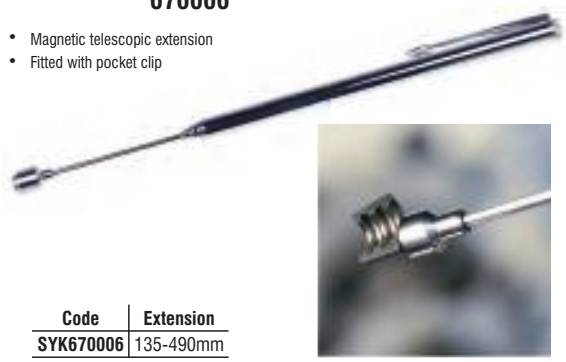
- Flexible shaft for accurate access
- Fitted with magnets for lifting
- Loss of adhesion above 80°C



Code	Diameter of Magnet	Length	Lifting Power
STW77260027	8mm	460mm	500g
STW77260025	5mm	500mm	270g
STW77260060	15mm	520mm	1800g
STW77260200	19mm	520mm	3000g

TELESCOPIC MAGNETIC PICK-UP 670006

- Magnetic telescopic extension
- Fitted with pocket clip



Code	Extension
SYK670006	135-490mm

PICKUP CLAW TOOL

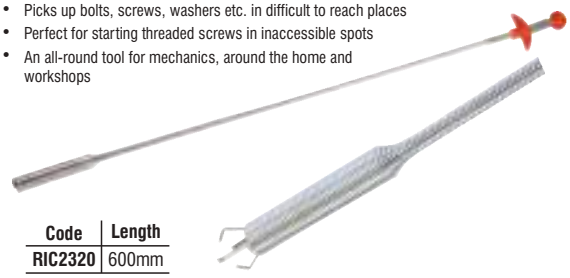
- Plated flexible shaft with 4 finger claw grip
- Push plunger with return spring
- Picks up bolts, screws, washers etc. in difficult-to-reach places



Code	Length
HON7024	600mm

PICKUP CLAW TOOL

- Plated, flexible shaft with 5 finger claw grip
- Push plunger
- Picks up bolts, screws, washers etc. in difficult to reach places
- Perfect for starting threaded screws in inaccessible spots
- An all-round tool for mechanics, around the home and workshops



Code	Length
RIC2320	600mm

JET REAMER - 16 PCE 11085

- Jet reamers in case with holder



Code	Measuring Range
STW74310001	0.33 – 2.0mm

FLARING TOOL KIT - DOUBLE

- Professional set includes:
- Heavy duty tube cutter for 3 - 30mm tube
- Drop forged steel yoke, hard chrome plated
- Hardened steel flaring bar with sizes 4, 6, 8, 10, 12, 14 and 16mm
- 5 x double-flare adaptors, chemical black finished
- Packed in PVC carry case



Code	Size
RIC1340	4-16mm

FLARING TOOL - DOUBLE LAP - 027000

- Produces convex and double lap flares to SAE and DIN standards on automotive brake and clutch pipes
- 'Dial a size' punch turret with OP1 and OP2 punches positioned next to each other
- Lever cam operated for quick and easy flaring
- Automatic punch extraction
- Screw clamp for accurate die alignment



Code	Pipe Sizes
SYK027000	SAE Single and Double: 3/16", 1/4", 5/16", 3/8", 4.75mm DIN Single: 4.75mm

FLARING TOOL KIT - 027008

- Produces convex and double lap flares to SAE and DIN standards on automotive brake and clutch pipes
- 'Dial a size' punch turret with OP1 and OP2 punches positioned next to each other
- Lever cam operated for quick and easy flaring
- Automatic punch extraction
- Screw clamp for accurate die alignment



Code	Pipe Sizes
SYK027008	SAE Single and Double: 3/16", 1/4", 5/16", 3/8", 4.75mm, 6mm, 8mm, 10mm, 12mm DIN Single: 4.75mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

FLARING TOOL - FLAREMASTER 2 - 027250

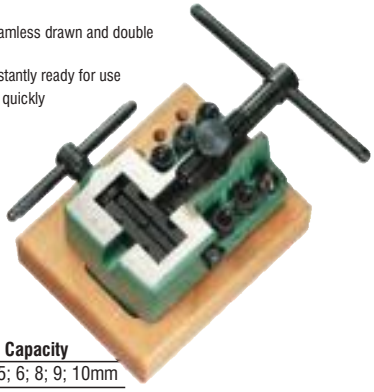
- The ultimate power flaring tool
- Designed for use on the car
- Revolutionary new design
- Creates single or double SAE or DIN flares in an instant
- Unique hydraulic power pack makes tool extremely powerful
- Piping can be replaced in place
- Full or part sections can be spliced in as required



Code	Size
SYK027250	SAE Single and Double: 3/16", 4.75mm DIN Single: 4.75mm

FLARING TOOL - DOUBLE 165

- Will form accurate flares on seamless drawn and double walled (BUNDY) tubing
- Clamped in a vise the tool is instantly ready for use
- Flaring and pressure cones are quickly changed
- Shape of flaring cones enables single cone flaring on tubes of 0.7 or 1.0mm wall thickness
- Held horizontally by 25mm wide clamping blocks
- Important when endless tubing is used
- Distant pin controls length of tube required for flaring



Code	Capacity
STW63030000	4.75; 5; 6; 8; 9; 10mm

FLARING TOOL - RATCHET TYPE - 458R

- Provides smooth, uniform flares with minimum effort
- A ratchet feed screw handle turns easily
- Hardened steel flaring cone, eccentrically mounted in needle bearings, produces rolling action for even metal flow, giving uniform flare walls without galling
- For aluminium, soft copper, steel, stainless steel, hard copper and brass
- 45˚ SAE Flares



Code	Sizes
RID83037	1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"

BRAKE SPRING PLIERS

- For rivetted brake linings/shoes
- Chrome vanadium, bright nickel plated



Code	Size	Ref.
STW76413001	210mm	10613
STW76413002	330mm	10613

CYLINDERS HONE 2 & 3 LEG

- 2 leg hone for brake cylinders 16 - 19mm diameter
- 3 leg hone for 21 - 69mm diameter
- Collar prevents stone breakage
- Sleeve makes insertion into cylinder easy and protects stones when not in use
- For use with variable speed drill
- Spare stone sets are available - please quote code RIC1060 (2 leg) & RIC1065 (3 leg)



Code	Size
RIC1050	2 Leg
RIC1055	3 Leg

CYLINDER HONE - 028100

- Suitable for use on large bore engine cylinders on cars and commercial vehicles
- Can be used with electric or air powered drills
- Flexible drive shaft for easy alignment
- Complete with medium grade 220 grit stones



Code	Size
SYK028100	50-180mm

CYLINDER HONE 4-IN-1 SET - 028000

- Complete honing and deglazing kit for cylinder bores from 13-89mm
- Suitable for use on brake and clutch cylinders, motorcycles and small bore car engine cylinders
- Can be used with electric or air powered drills
- Flexible drive shaft for easy alignment
- Complete with medium grade 220 grit stones



Code	Size
SYK028000	13-89mm

CYLINDER HONE, SPARE STONE SETS

- Suitable for 028000 & 028101 cylinder hones
- Contents: 3 x 19mm, 3 x 29mm, 3 x 50mm stones
  9 x replacement spring clips
- Suitable for cylinder hone 028100
- Contents: 3 x 100mm stones
  3 x Replacement cotter pin



028000 STONE SETS

Code	Grit	Ref.
SYK028001	400 Fine	028001
SYK028002	220 Med.	028002

028100 STONE SETS

Code	Grit	Ref.
SYK028101	400 Grit	028101
SYK028102	220 Grit	028102
SYK028103	100 Grit	028103

WHEEL BALANCING PLIER - 10599/2

- With cutter
- Trims and cuts lead weights
- Chrome vanadium
- Plated



Code	Size
STW76294003	245mm

TYRE LEVERS 38

- CHROME VANADIUM steel 31CrV3
- Drop forged
- Chrome plated



Code	Length
GED633267	400mm
GED633283	500mm

TYRE LEVER

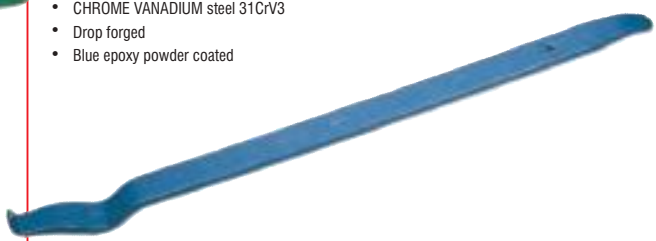
- Used in the motor industry for lifting tyres off wheel rims
- Manufactured from the finest quality spring steel and have forged working ends which are ground to provide maximum working efficiency



Code	Size
LAS3285	550mm

TYRE LEVER 39

- CHROME VANADIUM steel 31CrV3
- Drop forged
- Blue epoxy powder coated



Code	Ref	Length
GED633305	39	610mm

PISTON RING PLIERS

- Special pliers for mounting & removing piston rings
- Bright nickle plated



Code	Piston Ring Ø	Length	Ref.
STW74152001	50-100mm	200mm	11069-1
STW74152002	80-120mm	240mm	11069-2

STUD REMOVER

- Capacity 1/4" (6mm) - 3/4" (19mm)
- Use with 1/2" square drive wrench handle
- Knurled chrome-molybdenum steel wheel gear is heat treated to extreme hardness and accurately machined to assure a firm grip
- Heavy duty, hardened alloy steel housing is triple chrome plated



Code	Size
RIC4040	6-19mm

NUT SPLITTERS

- For splitting nuts of quality range up to 8.8(55tpsi)
- Galvanised



Code	Size	Ref
STW71250011	10-18mm	12615/1
STW71250012	19-27mm	12615/2

BALL JOINT SEPARATOR - 080700

- With a strong, large body and strengthened fork and lever
- The large force screw allows greater force to be applied to the ball joint
- For use on heavy commercial vehicles



Code	Size
SYK080700	Throat Depth : 50mm Throat Width : 36mm Jaw Opening : 70mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

VALVE GRINDERS

- For grinding and lapping valves
- Wooden handle
- Rubber suction cup for firm, positive grip
- Large, single ended
- Commercial vehicles, agricultural and industrial engines



Code	Cup Ø	Length	Ref.
SYK660904	19mm	224mm	660904
SYK660903	22mm	224mm	660903
SYK660902	32mm	224mm	660902

STANDARD GARAGE CREEPER

- Six wheels with bearing castors
- Handy tool compartment
- Cushion Headrest
- Lightweight
- Comfortable ergonomically shaped body
- pare wheels are available - please quote code HON0846



Code	Package Size LWH (mm)	Gross Weight (kg)
HON0847	940 x 430 x 80	2.8

GARAGE CREEPER - ADJUSTABLE HEADREST

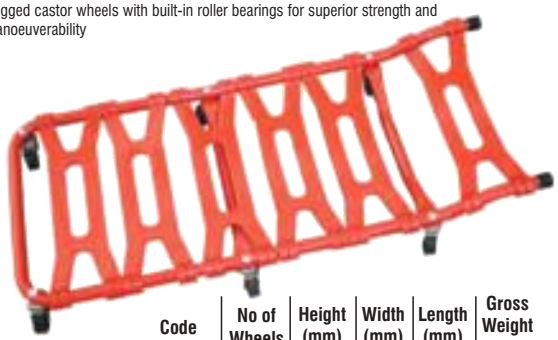
- Six wheels with bearing castors
- Cushioned for comfort
- Lightweight and strong
- Rigid tubular steel frame for extra strength
- Spare wheels are available - please quote code HON0849



Code	Package Size LWH (mm)	Gross Weight (kg)
HON0848	1170x460x130	8.4

bosal CREEPERS

- Sturdy tubular steel frame for strength and lightness
- Contoured, flexible polypropylene support straps are comfortable and easy to keep clean
- Rugged castor wheels with built-in roller bearings for superior strength and manoeuverability



Code	No of Wheels	Height (mm)	Width (mm)	Length (mm)	Gross Weight (kg)
BOS0005	4	100	430	1300	3.5
BOS0006	6	100	430	1300	4.2

ENGINE STAND

- For auto mechanics, engine rebuilders and hobbyists
- Heavy gauge tubular steel construction with reinforced stress areas for added strength
- Head unit swivels 360° and has a multi-position locking mechanism
- Adjustable arms are slotted for quick and easy mounting to engine block
- Long handle with rubber grips helps the operator rotate the head to the desired position for easy installation of parts



Code	Capacity (kg)	Length (mm)	Width (mm)	Height (mm)	Gross Weight (kg)
MOB30750	341	810	730	775	22.0

TOWBAR - STEEL EXTENDABLE

- Solid steel construction
- Preformed steel hooks on each end for safe secure towing
- Compact and easy to stow away
- Complete with red PVC warning flag

Packed individually



Code	Capacity (Tons)	Max Length (mm)	Gross Weight (kg)
MOB0996	2	1750	2.8

BODY REPAIR KITS - 4 & 10 TON

- Ideal for collision damage repair
- Perfect fit attachments use quick-connect technology for effortless assembly
- Sets are portable for easy usage in the workshop or on the road
- Custom fitted, rugged blow moulded carry case
- Designed for applications of pushing, spreading and pressing of the vehicle body panels as well as various component parts and assemblies
- A variety of attachments are included

Part No.	Capacity (Tons)	Ram Minimum Height (mm)	Maximum Height (mm)	Ram Stroke	Pump Work Pressure (bar)	Gross Weight (kg)
MOB8045	4	330	450	120	700	20.0
MOB8002	10	460	610	150	700	40.0





Blades & Cutting



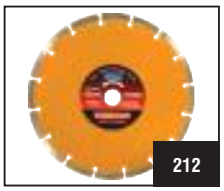
Blades & Cutting

We offer a comprehensive range of the most popular diamond cutting blades manufactured to ensure product performance, durability & consistency.

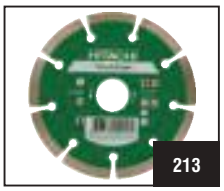
In addition, we have a selection of high performance reciprocating blades, jigsaw blades and replacement bandsaw blades.



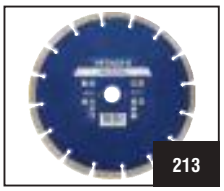
Tile Cutting Blades



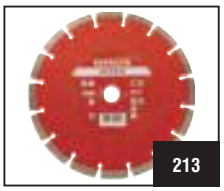
Masonry Cutting Blades



Standard Universal Diamond Blades



Concrete Premium Diamond Blades



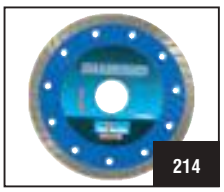
Abrasive Premium Diamond Blades



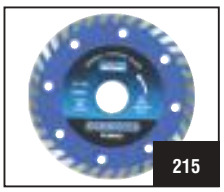
Tile Plus Diamond Blades



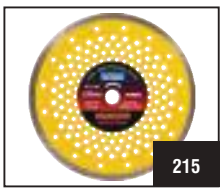
Machine Cutting Blades



Granite Cutting Blades



Marble Cutting Blades



Steel Cutting Blades



Circular Saw Blades

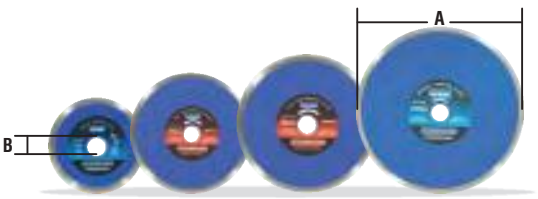
fox tools TILE CUTTING BLADE

- Continuous rim precision cutting blades for hard materials, ceramic tiles, quarry tiles, floor tiles, marble tiles, slate tiles and dense tiles
- Offering a fast smooth cutting action
- Wet cutting only
- The water flow cools the blade and helps remove slurry
- This blade range is particularly suitable when the application requires a smooth accurate edge



TILES/CERAMICS

wet





Part No.	Type	A Diameter	B Arbour Hole	Segment Height	Segment Thickness	Grade	Max Speed
BLY1000	Tile	115 mm	22.23 mm	8 mm	2.0 mm	GP	13300 RPM/80M/s
BLY1010	Tile	180 mm	25.4/22.23 mm	7 mm	2.2 mm	Pro	8600 RPM/80M/s
BLY1025	Tile	200 mm	25.4/22.23 mm	7 mm	2.4 mm	Pro	7600 RPM/80M/s
BLY1050	Tile	230 mm	25.4/22.23 mm	7 mm	2.6 mm	GP	6600 RPM/80M/s





fox tools MASONRY CUTTING BLADE

BLY1200/50 - For extensive range of materials including most types of concrete. General masonry products, stock paving bricks, some granites, most roofing tiles and hard sandstones.



CONCRETE

BLY0800 - Suitable for abrasive materials including green concrete, breeze blocks, soft facing bricks, abrasive refractory materials, fire bricks, cellular concrete bricks, soft sandstone and other lightweight abrasive materials.

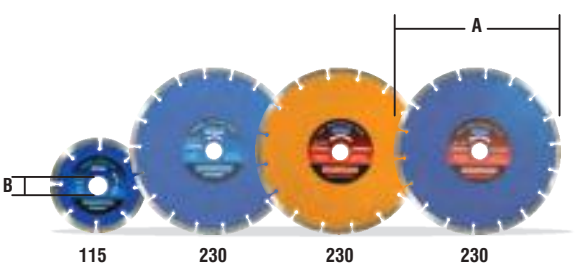


BRICK

BLY1255 - For hard non-abrasive materials, very hard concrete, Class A engineering bricks, 65-100 newton clay paviors, hard paving slabs, hard clay roof tiles, granite, hard slate, vitrified clay products.

wet dry









Part No.	Type	A Diameter	B Arbour Hole	Segment Height	Segment Thickness	Grade	Max Speed
BLY1200	Concrete	115 mm	22.23 mm	7 mm	2.0 mm	GP	13300 RPM/80M/s
BLY1250	Concrete	230 mm	22.23 mm	7 mm	2.6 mm	GP	6600 RPM/80M/s
BLY0800	Stock Brick	230 mm	22.23 mm	7 mm	2.6 mm	Pro	6600 RPM/80M/s
BLY1255	A-Grade	230 mm	22.23 mm	7 mm	2.6 mm	Pro	6600 RPM/80M/s

HITACHI POWER TOOLS DIAMOND BLADE

- Universal green blade
- Sintered Segmented Rim
- All purpose for a variety of materials


TILES/CERAMICS


MASONRY


MARBLE

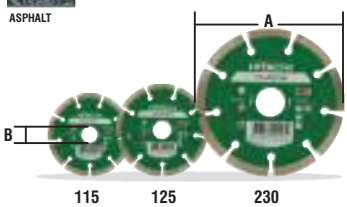

CONCRETE


GRANITE


ASPHALT



Part No.	A Diameter	B Arbour Hole
HTC752801	115 mm	22.2 mm
HTC752802	125 mm	22.2 mm
HTC752805	230 mm	22.2 mm





HITACHI POWER TOOLS DIAMOND BLADE

- Concrete premium
- Laser welded
- For hard materials like concrete, hard bricks, granite etc.

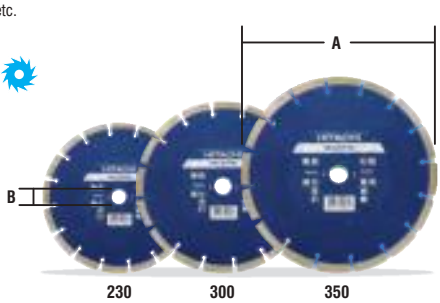

CONCRETE


MASONRY


GRANITE



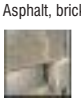
Part No.	A Diameter	B Arbour Hole
HTC752855	230 mm	22.2 mm
HTC752858	300 mm	25.4 mm
HTC752860	350 mm	25.4 mm

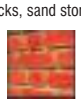




HITACHI POWER TOOLS DIAMOND BLADE

- Abrasive premium
- Laser welded
- For abrasive materials like green concrete,
- Asphalt, bricks, sand stone, lime stone etc.

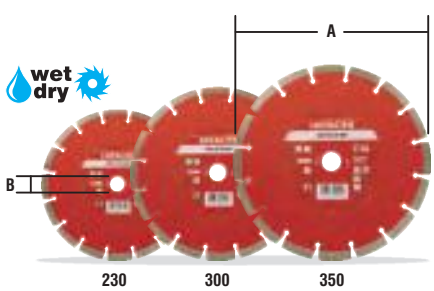

GREEN CONCRETE


MASONRY


ASPHALT


SANDSTONE /LIMESTONE

Part No.	A Diameter	B Arbour Hole
HTC752865	230 mm	22.2 mm
HTC752868	300 mm	25.4 mm
HTC752868	350 mm	25.4 mm





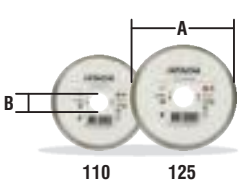
HITACHI POWER TOOLS DIAMOND BLADE

- Tile plus
- Sintered Continuous Rim
- For ceramic tiles


TILES/CERAMICS



Part No.	A Diameter	B Arbour Hole
HTC752886	110 mm	22.2 mm
HTC752887	125 mm	22.2 mm





AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

MACHINE CUTTING BLADE

Professional double laser welded diamond blades. High performance and long life blades.

BLY1240 - Suitable for professional quality floorsaw. High performance long life blade. For limestone and granite aggregate asphalt. High speed cut.

BLY1280 - Suitable for masonry bench saw. High alumina, hard non abrasive products. Very hard concrete, Class A engineering bricks, 65-100 newton clay paviors, hard flint aggregates, reinforced concrete lintels, kerbs, hard concrete paving slabs, hard clay roof tiles, some granites, hard slate, vitrified clay products.

BLY1245 - Green Concrete. Suitable for professional quality floorsaw. Especially designed for soft aggregate and abrasive asphalt. Also used for other critically abrasive applications such as medium to soft sandstone, asphalt over concrete, abrasive blocks, breeze blocks, very abrasive green concrete.

BLY1180 - Set Concrete. Suitable for professional quality floor saw. Blades suitable for use on concrete with normal levels of reinforcing, mass river gravel concrete, medium hard aggregates and reinforced concrete with soft aggregate.


ASPHALT


MASONRY


CONCRETE

wet dry

Concrete cutting

It is critical to assess the age of the concrete when trying to ascertain the correct blade type.

Stage 1 - Approximately 10 hours after the concrete pour, the concrete is considered green. This is the best time to cut a concrete slab to prevent cracking from expansion after it has cured. At this stage the concrete has not cured or set and the sands and granules have not properly set into the binder or cement. When sawing in this type of application the slurry or debris rolls around in the cut above the segment area. This starts to wear the core.

Stage 2 - When the concrete is approximately 24 hours old it is more set or cured. The sand is more tightly held in the mortar making the concrete less abrasive during cutting. A slightly softer bond is required but some abrasion can take place.

Stage 3 - After 24 - 72 hours the concrete is semi-cured. The sand is quite tightly held in the mortar thus reducing the abrasive properties of the concrete. A softer bond than on either stage 1 or 2 is required.



350

Part No.	Type	A Diameter	B Arbour Hole	Segment Height	Grade	Max Speed
BLY1240	Asphalt	350 mm	25.4 mm	10 mm	Pro	4370 RPM/80M/s
BLY1280	Masonry	350 mm	25.4 mm	10 mm	Pro	4370 RPM/80M/s
BLY1245	Concrete	350 mm	25.4 mm	10 mm	Pro	4370 RPM/80M/s
BLY1180	Concrete	350 mm	25.4 mm	10 mm	Pro	4370 RPM/80M/s




GRANITE CUTTING BLADE

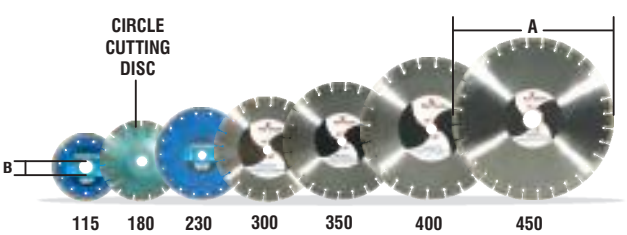
Machine saw blades suitable for cutting granite, including Rustenburg black and red. Offers high cutting performance.

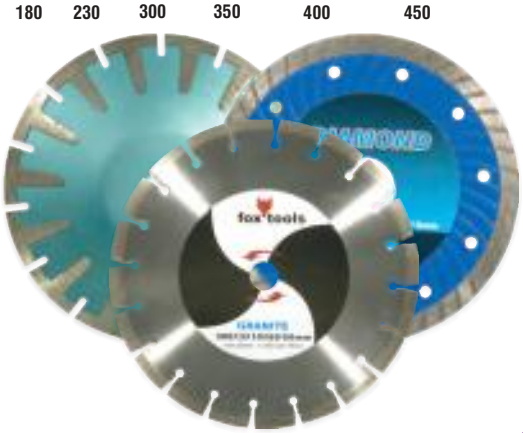




GRANITE

wet

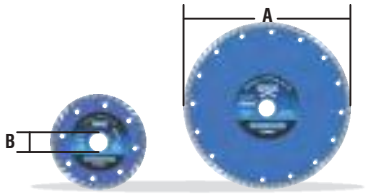




Part No.	Type	A Diameter	B Arbour Hole	Segment Height	Segment Thickness	Grade	Max Speed
BLY1500	Granite	115.0 mm	22.3 mm	7.0 mm	2.4 mm	Pro	13300 RPM/80M/s
BLY0820	Granite	180.0 mm	22.3 mm	7.0 mm	2.6 mm	Pro	8600 RPM/80M/s
BLY1520	Granite	230.0 mm	22.3 mm	7.0 mm	2.8 mm	Pro	6600 RPM/80M/s
BLY1300	Granite	300.0 mm	25.4 mm	10.0 mm	3.0 mm	Pro	5000 RPM/78M/s
BLY1310	Granite	350.0 mm	50/60 mm	12.0 mm	3.0 mm	Pro	4370 RPM/80M/s
BLY1320	Granite	400.0 mm	50/60 mm	12.0 mm	4.0 mm	Pro	3500 RPM/73M/s
BLY1330	Granite	450.0 mm	50/60 mm	12.0 mm	4.0 mm	Pro	3000 RPM/70M/s

MARBLE CUTTING BLADE

BLY1400/50 - For clean fast accurate cutting of hard materials such as granite and marble.





MARBLE

wet dry



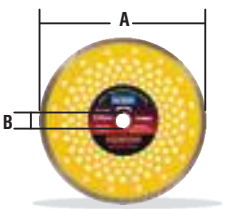
Part No.	Type	A Diameter	B Arbour Hole	Segment Height	Segment Thickness	Grade	Max Speed
BLY1400	Marble	115.0 mm	22.23 mm	7.0 mm	2.2 mm	GP	13300 RPM / 80M/s
BLY1450	Marble	230.0 mm	22.23 mm	7.0 mm	2.8 mm	GP	6600 RPM / 80M/s





STEEL CUTTING BLADE

Suitable for cutting steel, rebar and demolition work. Requires sharpening in a brick.





STEEL

dry



Part No.	Type	A Diameter	B Arbour Hole	Segment Height	Grade	Max Speed
BLY1460	Steel	230,0 mm	22.23 mm	10,0 mm	Pro	13300 RPM / 80M/s

CIRCULAR SAW BLADES

A comprehensive range of high performance blades all with tungsten carbide tips. Blades are rated for maximum RPM, stay sharp longer, cut cleaner and withstand heat better. All blades are supplied bushed to suit all popular power tools.



ALUMINIUM

WOOD



Code	Blade	Size	Teeth	From		Bushed To			
HON0580	Aluminum	160 x 20 mm	56	20	16	20			
HON0582	Aluminum	184 x 30 mm	48	30	16	20			
HON0584	Aluminum	210 x 30 mm	48	30	16	20			
HON0586	Aluminum	250 x 30 mm	80	30	16	20			
HON0588	TCT	128 x 20 mm	14	20	16				
HON0590	TCT	152 x 20 mm	24	20	16	20			
HON0592	TCT	160 x 20 mm	24	20	16				
HON0594	TCT	165 x 30 mm	18	30	16	20		28.6	
HON0596	TCT	165 x 30 mm	30	30	16	20		28.6	
HON0598	TCT	180 x 30 mm	20	30	16	20		28.6	
HON0600	TCT	180 x 30 mm	40	30	16	20		28.6	
HON0602	TCT	184 x 16 mm	24	16					
HON0604	TCT	184 x 16 mm	40	16					
HON0606	TCT	184 x 30 mm	24	30	16	20		28.6	
HON0608	TCT	184 x 30 mm	40	30	16	20		28.6	
HON0610	TCT	200 x 30 mm	40	30	16		25		
HON0612	TCT	203 x 30 mm	24	30	16		25		
HON0614	TCT	235 x 35 mm	20	35	16		25		30
HON0616	TCT	235 x 35 mm	30	35	16		25		30
HON0617	TCT	235 x 16 mm	30	16					
HON0618	TCT	235 x 35 mm	40	35	16		25		30
HON0620	TCT	254 x 30 mm	30	30	16	20			
HON0622	TCT	254 x 30 mm	40	30	16	20			
HON0624	TCT	254 x 35 mm	60	35	16	20			30

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

Drill Bits, Augers, Taps & Dies



Drill Bits, Augers, Taps & Dies

Solutions for just about any drilling application. From the toughest steel to concrete, granite, glass and wood.

We also stock the widest range of taps and dies and related accessories



HSS Bits



HSS Bits - Sets



Reduced Shank HSS Bits



Morse Taper Shank Drills



Drill Sleeve (Morse)



Drill Chuck Arbors



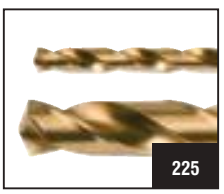
Drill Drift Keys



Centre Drills - Type A



Stepped Drilling Bits



HSS Cobalt Bits



HSS Double Ended Stub



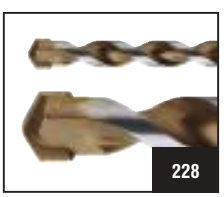
Flute End Mills



Core Drill Cutters



Masonry Drill Bits



Cordless Multi Drill Bits



Concrete Carbide Tipped



Granite Drill Bits



Hammer Drill Bits SDS+



Speedhammer™ Power Drill Bits



Diamond Drill Bits



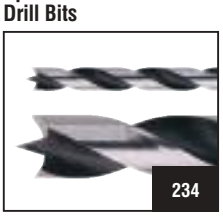
Core Drills



Wood Flat Bits



Auger Drill Bits



Brad Point Drill Bits



Glass & Tile Drill Bits



Drill Accessories



Hole Saws & Accessories



Tap & Die Sets



Taps & Dies



Tap & Die Accessories

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

DRILL SPEED CHART (RPM)

Drill Diameter (mm)	1,6	2,4	3,2	5,0	6,4	8,0	9,5	13,0
Drill Diameter (inch)	1/16"	3/32"	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"
Die casting (zinc base) x 3.5	10710	7175	5355	3570	2660	2135	1785	1330
Aluminum x 2.5	7650	5125	3825	2550	1900	1525	1275	950
Brass x 2.0	6120	4100	3060	2040	1520	1220	1020	760
Bronze x 2.0	6120	4100	3060	2040	1520	1220	1020	760
Cast iron, soft x 1.15	3519	2358	1760	1173	874	702	587	437
Mild Steel (default RPM)	3060	2050	1530	1020	760	610	510	380
Malleable iron x .85	2600	1743	1300	867	646	520	435	323
Cast iron, hard x .80	2448	1640	1224	816	608	488	408	304
Tool steel x .60	1836	1230	918	612	456	366	306	228
Stainless steel x .30	918	615	459	306	228	183	153	114
Chilled cast iron x .20	612	410	306	204	152	122	102	76
Manganese steel x .15	459	308	230	153	114	92	77	57

PROFESSIONAL INDUSTRIAL HSS GROUND BRIGHT

- Ground from solid high speed steel
- Type N, straight shank, jobber series
- Right-hand cut, with 135° split point tip, good true-running properties
- Excellent for non-ferrous metals which do not cold weld
- For drilling in commonly used materials up to approximately 1200N/mm² strength
- Such as steel and steel castings, sintered metal, non-ferrous metals, plastics and all woods



Split Point
The split point reduces end thrust and optimises centre cutting efficiency. It is recommended for hard and high strength materials




STEEL


NON-FERROUS


SHEET


PLASTICS


WOOD



Single Carded Packs

Part No.	Ø mm	Length
FOX1428	1,0 mm	34,0 mm
FOX1429	1,2 mm	38,0 mm
FOX1431	1,5 mm	40,0 mm
FOX1433	1,8 mm	46,0 mm
FOX1435	2,0 mm	49,0 mm
FOX1437	2,2 mm	53,0 mm
FOX1439	2,5 mm	57,0 mm
FOX1441	2,8 mm	61,0 mm
FOX1430	3,0 mm	61,0 mm
FOX1432	3,2 mm	65,0 mm
FOX1434	3,5 mm	70,0 mm
FOX1443	3,8 mm	75,0 mm
FOX1436	4,0 mm	75,0 mm
FOX1438	4,2 mm	75,0 mm
FOX1440	4,5 mm	80,0 mm
FOX1442	4,8 mm	86,0 mm
FOX1444	5,0 mm	86,0 mm
FOX1446	5,2 mm	86,0 mm

Packs of 10

Part No.	Packing
FOX1304	10 Pack
FOX1306	10 Pack
FOX1308	10 Pack
FOX1310	10 Pack
FOX1312	10 Pack
FOX1314	10 Pack
FOX1316	10 Pack
FOX1318	10 Pack
FOX1320	10 Pack
FOX1325	10 Pack
FOX1330	10 Pack
FOX1333	10 Pack
FOX1335	10 Pack
FOX1340	10 Pack
FOX1345	10 Pack
FOX1350	10 Pack
FOX1355	10 Pack
FOX1360	10 Pack

Single Carded Packs

Part No.	Ø mm	Length
FOX1448	5,5 mm	93,0 mm
FOX1450	6,0 mm	93,0 mm
FOX1452	6,2 mm	101,0 mm
FOX1454	6,5 mm	101,0 mm
FOX1455	6,8 mm	109,0 mm
FOX1456	7,0 mm	109,0 mm
FOX1458	7,5 mm	109,0 mm
FOX1460	8,0 mm	117,0 mm
FOX1462	8,5 mm	117,0 mm
FOX1464	9,0 mm	125,0 mm
FOX1466	9,5 mm	125,0 mm
FOX1468	10,0 mm	133,0 mm
FOX1459	10,5 mm	133,0 mm
FOX1461	11,0 mm	142,0 mm
FOX1463	11,5 mm	142,0 mm
FOX1465	12,0 mm	151,0 mm
FOX1467	12,5 mm	151,0 mm
FOX1469	13,0 mm	151,0 mm

Packs of 10

Part No.	Packing
FOX1365	10 Pack
FOX1370	10 Pack
FOX1375	10 Pack
FOX1380	10 Pack
FOX1382	10 Pack
FOX1385	10 Pack
FOX1390	10 Pack
FOX1395	10 Pack
FOX1400	10 Pack
FOX1405	10 Pack
FOX1410	10 Pack
FOX1415	10 Pack
FOX1417	5 Pack
FOX1419	5 Pack
FOX1421	5 Pack
FOX1423	5 Pack
FOX1425	5 Pack
FOX1427	5 Pack



- Available in convenient 5 & 10 packs or individually carded

fox tools DIY LIGHT INDUSTRIAL HSS STEEL

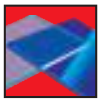
- Standard Point is suitable for general purpose drilling
- Roll Forged High Speed Steel (HSS), Type N Straight Shank, Jobber Series
- Right hand cut with 118° point angle
- Special steam-initiated surface treatment
- For drilling in commonly used materials up to approximately 900 N/mm² strength
- Such as steel and steel castings and plastics where the cutting efficiency of a ground flute is not required



Standard Point
This point is suitable for general purpose drilling




STEEL


PLASTICS


SHEET & PIPE



•Available in convenient 5 & 10 packs or individually carded



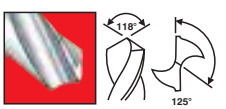
SINGLES	Sleeve		BULK PACKS	
Part No.	Ø mm	Length	Part No.	Packing
FOX1010	1,0 mm	34,0 mm	FOX0010	10 Pack
FOX1012	1,2 mm	38,0 mm	FOX0012	10 Pack
FOX1015	1,5 mm	40,0 mm	FOX0015	10 Pack
FOX1018	1,8 mm	46,0 mm	FOX0018	10 Pack
FOX1020	2,0 mm	49,0 mm	FOX0020	10 Pack
FOX1022	2,2 mm	53,0 mm	FOX0022	10 Pack
FOX1025	2,5 mm	57,0 mm	FOX0025	10 Pack
FOX1028	2,8 mm	61,0 mm	FOX0028	10 Pack
FOX1030	3,0 mm	61,0 mm	FOX0030	10 Pack
FOX1032	3,2 mm	65,0 mm	FOX0032	10 Pack
FOX1035	3,5 mm	70,0 mm	FOX0035	10 Pack
FOX1038	3,8 mm	75,0 mm	FOX0038	10 Pack
FOX1040	4,0 mm	75,0 mm	FOX0040	10 Pack

SINGLES	Sleeve		BULK PACKS	
Part No.	Ø mm	Length	Part No.	Packing
FOX1041	4,1 mm	75,0 mm	-	-
FOX1042	4,2 mm	75,0 mm	FOX0042	10 Pack
FOX1045	4,5 mm	80,0 mm	FOX0045	10 Pack
FOX1048	4,8 mm	86,0 mm	FOX0048	10 Pack
FOX1049	4,9 mm	86,0 mm	-	-
FOX1050	5,0 mm	86,0 mm	FOX0050	10 Pack
FOX1052	5,2 mm	86,0 mm	FOX0052	10 Pack
FOX1055	5,5 mm	93,0 mm	FOX0055	10 Pack
FOX1058	5,8 mm	93,0 mm	FOX0058	10 Pack
FOX1060	6,0 mm	93,0 mm	FOX0060	10 Pack
FOX1062	6,2 mm	101,0 mm	FOX0062	10 Pack
FOX1065	6,5 mm	101,0 mm	FOX0065	10 Pack
FOX1068	6,8 mm	109,0 mm	-	-

SINGLES	Sleeve		BULK PACKS	
Part No.	Ø mm	Length	Part No.	Packing
FOX1070	7,0 mm	109,0 mm	FOX0070	10 Pack
FOX1075	7,5 mm	109,0 mm	FOX0075	10 Pack
FOX1080	8,0 mm	117,0 mm	FOX0080	10 Pack
FOX1085	8,5 mm	117,0 mm	FOX0085	10 Pack
FOX1090	9,0 mm	125,0 mm	FOX0090	10 Pack
FOX1095	9,5 mm	125,0 mm	FOX0095	10 Pack
FOX1100	10,0 mm	133,0 mm	FOX0100	10 Pack
FOX1105	10,5 mm	133,0 mm	FOX0105	5 Pack
FOX1110	11,0 mm	142,0 mm	FOX0110	5 Pack
FOX1115	11,5 mm	142,0 mm	FOX0115	5 Pack
FOX1200	12,0 mm	151,0 mm	FOX0120	5 Pack
FOX1205	12,5 mm	151,0 mm	FOX0125	5 Pack
FOX1300	13,0 mm	151,0 mm	FOX0130	5 Pack

IRWIN HSS PRO HSS PRO DRILL BITS

- HSS steel drill bit body manufactured from high quality HSS steel with steam oxide surface finish
- Manufactured to DIN 338 standards
- Designed for drilling a wide selection of materials
- Precision ground cutting edges for fast drilling and perfect finishing
- Ground flute for maximum accuracy and fast chip removal
- Cylindrical shank with universal 118° point shape for drilling a wide selection of materials



Standard Point
This point is suitable for general purpose drilling




STEEL


NON-FERROUS


SHEET & PIPE





Part No.	Ø mm	Length	Qty/Pack	BULK PACKS Part No.	Qty/Pack
IRW10502376	1.0	34	3pcs	IRW10502241	10pcs
-	1.2	38	-	IRW10502243	10pcs
IRW10502377	1.5	40	3pcs	IRW10502246	10pcs
-	1.8	46	-	IRW10502249	10pcs
IRW10502378	2.0	49	3pcs	IRW10502251	10pcs
-	2.2	53	-	IRW10502253	10pcs
IRW10502379	2.5	57	3pcs	IRW10502256	10pcs
-	2.8	61	-	IRW10502259	10pcs
IRW10502380	3.0	61	3pcs	IRW10502261	10pcs
IRW10502381	3.2	65	2pcs	IRW10502263	10pcs
-	3.3	65	-	IRW10502264	10pcs
IRW10502383	3.5	70	2pcs	IRW10502266	10pcs
-	3.8	75	-	IRW10502269	10pcs
IRW10502384	4.0	75	2pcs	IRW10502271	10pcs
-	4.1	75	-	IRW10502272	10pcs
IRW10502385	4.2	75	2pcs	IRW10502273	10pcs
IRW10502386	4.5	80	2pcs	IRW10502276	10pcs
-	4.8	86	-	IRW10502279	10pcs
IRW10502387	5.0	86	2pcs	IRW10502281	10pcs

Part No.	Ø mm	Length	Qty/Pack	BULK PACKS Part No.	Qty/Pack
-	5.2	86	-	IRW10502283	10pcs
IRW10502388	5.5	93	1pc	IRW10502286	10pcs
-	5.8	93	-	IRW10502289	10pcs
IRW10502389	6.0	93	1pc	IRW10502291	10pcs
-	6.2	101	-	IRW10502293	10pcs
IRW10502390	6.5	101	1pc	IRW10502296	10pcs
-	6.8	109	-	IRW10502299	10pcs
IRW10502391	7.0	109	1pc	IRW10502301	10pcs
-	7.2	109	-	IRW10502303	5pcs
IRW10502392	7.5	109	1pc	IRW10502306	5pcs
-	7.8	117	-	IRW10502309	5pcs
IRW10502393	8.0	117	1pc	IRW10502311	5pcs
-	8.2	117	-	IRW10502313	5pcs
IRW10502394	8.5	117	1pc	IRW10502316	5pcs
-	8.8	125	-	IRW10502319	5pcs
IRW10502395	9.0	125	1pc	IRW10502321	5pcs
-	9.2	125	-	IRW10502323	5pcs
IRW10502396	9.5	125	1pc	IRW10502326	5pcs
-	9.8	133	-	IRW10502329	5pcs
IRW10502397	10.0	133	1pc	IRW10502331	5pcs

BULK PACKS Part No.	Qty/Pack
IRW10502336	5pcs
IRW10502341	5pcs
IRW10502346	5pcs
IRW10502351	5pcs
IRW10502356	5pcs
IRW10502361	5pcs
IRW10502362	5pcs

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

STRAIGHT SHANK JOBBER DRILLS - HSS

- Blue finish
- Split point
- For precision drilling



Part No.	Size
SOM1010300	3mm
SOM1010320	3.2mm
SOM1010350	3.5mm
SOM1010400	4mm

Part No.	Size
SOM1010420	4.2mm
SOM1010450	4.5mm
SOM1010480	4.8mm
SOM1010500	5mm

Part No.	Size
SOM1010520	5.2mm
SOM1010550	5.5mm
SOM1010580	5.8mm
SOM1010600	6mm

Part No.	Size
SOM1010650	6.5mm
SOM1010800	8mm
SOM1010900	9mm
SOM1011000	10mm
SOM1011350	13.5mm

DIY LIGHT INDUSTRIAL HSS STEEL - SETS

- Standard Point is suitable for general purpose drilling
- Roll Forged High Speed Steel (HSS), Type N Straight Shank, Jobber Series
- Right hand cut with 118° point angle
- Special steam-initiated surface treatment
- For drilling in commonly used materials up to approximately 900 N/mm² strength
- Such as steel and steel castings and plastics where the cutting efficiency of a ground flute is not required



FOX0133 FOX0135

Part No.	Size	Ø mm
FOX0133	19 Piece	1,0 mm - 10,0 mm
FOX0135	25 Piece	1,0 mm - 13,0 mm

HSS PRO DRILL BITS SETS

- HSS steel drill bit body manufactured from high quality HSS steel with steam oxide surface finish
- Manufactured to DIN 338 standards
- Designed for drilling a wide selection of materials
- Precision ground cutting edges for fast drilling and perfect finishing
- Ground flute for maximum accuracy and fast chip removal
- Cylindrical shank with universal 118° point shape for drilling a wide selection of materials



Part No.	Description
IRW10502500	HSS Pro 19pcs Set, metal case (E1): 1.0 - 10.0mm in steps of 0.5mm
IRW10502504	HSS Pro 25pcs Set, metal case (G1): 1.0 - 13.0mm in steps of 0.5mm

STRAIGHT SHANK JOBBER DRILL SET - HSS

- Blue Finish
- Split Point
- For precision drilling
- 25 Pieces



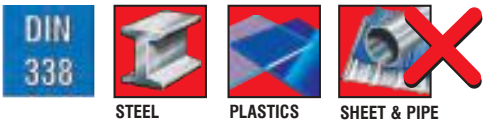
Part No.	Size
SOM1060040	1-13 x 0.5mm

DIY LIGHT INDUSTRIAL HSS STEEL - REDUCED SHANK

- Roll Forged High Speed Steel (HSS), Type N Straight Shank, Jobber Series
- Right hand cut with 118° point angle
- Special steam-initiated surface treatment
- Due to the reduced shank these drills can be used in drilling machines with a smaller chuck
- For drilling in commonly used materials up to 900 N/mm² strength where the cutting efficiency of a ground flute is not required
- Can be used for steel, plastic, sheet & pipe



Standard Point
This point is suitable for general purpose drilling





Part No.	Ø mm	Shank Ø mm	Overall Length
FOX1912	12,0 mm	8,0 mm	151,0 mm
FOX1913	13,0 mm	8,0 mm	151,0 mm
FOX1930	13,5 mm	8,0 mm	160,0 mm
FOX1914	14,0 mm	12,0 mm	160,0 mm
FOX1931	14,5 mm	12,0 mm	169,0 mm
FOX1915	15,0 mm	12,0 mm	169,0 mm
FOX1916	16,0 mm	12,0 mm	178,0 mm
FOX1917	17,0 mm	12,0 mm	184,0 mm

Part No.	Ø mm	Shank Ø mm	Overall Length
FOX1918	18,0 mm	12,0 mm	191,0 mm
FOX1919	19,0 mm	12,0 mm	198,0 mm
FOX1920	20,0 mm	12,0 mm	205,0 mm
FOX1921	21,0 mm	12,0 mm	160,0 mm
FOX1922	21,5 mm	12,0 mm	160,0 mm
FOX1923	22,0 mm	12,0 mm	160,0 mm
FOX1927	24,0 mm	12,0 mm	160,0 mm
FOX1929	25,0 mm	12,0 mm	160,0 mm

- Available individually carded only • All packs are clearly marked and are colour coded for easy identification

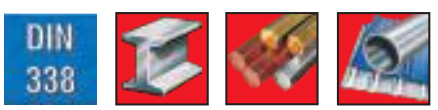


HSS PRO DRILL BITS - REDUCED SHANK

- HSS steel drill bit body manufactured from high quality HSS steel with steam oxide surface finish
- Manufactured to DIN 338 standards
- Designed for drilling a wide selection of materials
- Precision ground cutting edges for fast drilling and perfect finishing
- Ground flute for maximum accuracy and fast chip removal
- Cylindrical shank with universal 118° point shape for drilling a wide selection of materials



Standard Point
This point is suitable for general purpose drilling





Part No.	Ø mm	Length	Shank Ø	Qty/Pack
IRW10502398	10.5	133	10mm	1
IRW10502399	11.0	142	10mm	1
IRW10502400	11.5	142	10mm	1
IRW10502401	12.0	151	10mm	1
IRW10502402	12.5	151	10mm	1
IRW10502403	13.0	151	10mm	1
IRW10502404	13.5	160	10mm	1
IRW10502405	14.0	160	10mm	1
IRW10502406	14.5	169	10mm	1
IRW10502407	15.0	169	10mm	1

Part No.	Ø mm	Length	Shank Ø	Qty/Pack
IRW10502408	15.5	178	10mm	1
IRW10502409	16.0	178	10mm	1
IRW10502410	16.5	184	13mm	1
IRW10502411	17.0	184	13mm	1
IRW10502412	17.5	191	13mm	1
IRW10502413	18.0	191	13mm	1
IRW10502414	18.5	198	13mm	1
IRW10502415	19.0	198	13mm	1
IRW10502416	19.5	205	13mm	1
IRW10502417	20.0	205	13mm	1



REDUCED SHANK (ELECTRICIANS) DRILLS - HSS

- BLUE FINISH
- For general purpose drilling

Part No.	Size
SOM1751400	14mm
SOM1751500	15mm
SOM1751800	18mm



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

INDUSTRIAL MORSE TAPER SHANK DRILLS

- Standard point is suitable for general purpose drilling
- High Speed Steel (HSS), Type N Morse Taper Shank
- Right hand cut with 118° point angle
- For drilling in commonly used materials up to approximately 1200 N/mm² strength such as steel and steel castings, sintered metal, non ferrous metals, plastics and all woods
- Available in individual PVC protective boxes

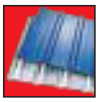


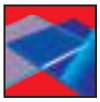
Standard Point
This point is suitable for general purpose drilling

DIN 345


STEEL


NON-FERROUS


SHEET


PLASTICS


WOOD

MORSE TAPER No. 1



Part No.	Ø mm	Overall Length	Morse Taper Shank
FOX6000	10,0 mm	168 mm	1
FOX6003	11,0 mm	175 mm	1
FOX6010	12,0 mm	182 mm	1

Part No.	Ø mm	Overall Length	Morse Taper Shank
FOX6015	13,0 mm	182 mm	1
FOX6020	13,5 mm	189 mm	1
FOX6025	14,0 mm	189 mm	1

MORSE TAPER No. 2



Part No.	Ø mm	Overall Length	Morse Taper Shank
FOX6030	14,5 mm	212 mm	2
FOX6035	15,0 mm	212 mm	2
FOX6040	15,5 mm	218 mm	2
FOX6045	16,0 mm	218 mm	2
FOX6050	16,5 mm	223 mm	2
FOX6055	17,0 mm	223 mm	2
FOX6060	17,5 mm	228 mm	2
FOX6065	18,0 mm	228 mm	2

Part No.	Ø mm	Overall Length	Morse Taper Shank
FOX6070	18,5 mm	233 mm	2
FOX6075	19,0 mm	233 mm	2
FOX6080	19,5 mm	238 mm	2
FOX6085	20,0 mm	238 mm	2
FOX6090	20,5 mm	243 mm	2
FOX6095	21,0 mm	243 mm	2
FOX6105	22,0mm	243 mm	2
FOX6115	23,0 mm	253 mm	2

MORSE TAPER No. 3



Part No.	Ø mm	Overall Length	Morse Taper Shank
FOX6125	24,0 mm	281 mm	3
FOX6135	25,0 mm	281 mm	3
FOX6145	26,0 mm	286 mm	3

Part No.	Ø mm	Overall Length	Morse Taper Shank
FOX6155	27,0 mm	291 mm	3
FOX6165	28,0 mm	291 mm	3
FOX6185	30,0 mm	296 mm	3

MORSE TAPER No. 4



Part No.	Ø mm	Overall Length	Morse Taper Shank
FOX6200	32,0 mm	334 mm	4

MORSE TAPER SHANK DRILLS - HSS

- BLUE FINISH
- For general purpose drilling



Part No.	Size
SOM2011200	12mm
SOM2021600	16mm
SOM2021700	17mm
SOM2021800	18mm
SOM2021900	19mm

Part No.	Size
SOM2022000	20mm
SOM2022100	21mm
SOM2022200	22mm
SOM2032400	24mm
SOM2032500	25mm
SOM2033000	30mm

MORSE TAPER GUIDELINES

Morse Taper Number	Taper / mm on Ø	Included Angle			Angle to Centre Line		
		Deg.	Mins.	Secs.	Deg.	Mins.	Secs.
1	0,049881	2	51	27	1	25	43
2	0,049951	2	51	41	1	25	50
3	0,050196	2	52	31	1	26	15
4	0,051938	2	58	31	1	29	15
5	0,052626	3	0	52	1	30	26
6	0,052137	2	59	12	1	29	36

GROZ DRILL SLEEVE (MORSE)



- Drill sleeves are used to adapt smaller morse taper shank tools to larger machine spindles
- The concentricity and taper angles are precisely controlled which allows perfect locking and concentric movement to the tool held
- Manufactured from Carbon Steel, these are ground on the outside and have a reamed finish on the inside
- Tang is fully hardened
- Permanent marking of size on the tang ensures convenience in use

Part No.	Morse Taper Inside	Morse Taper Outside	Length
GRO1860	1	2	92mm
GRO1865	2	3	112mm
GRO1870	3	4	140mm
GRO1875	4	5	171mm

GROZ DRILL CHUCK ARBOR (DIN238)



- Drill chuck arbors are used to mount a drill chuck or any other tool which has a male taper onto a machine such as a drilling machine which has a female taper shank socket in its work head
- Manufactured from selected case hardened Hi-Tensile Steel (20 MnCr5/SAE8620)
- All arbors are case hardened to 54-58 HRC for increased resistance to wear
- Precise grinding to very close tolerance with concentricity controlled to within 0.0004" (10 Microns) and accurately gauged self locking tapers ensure close tolerance fit

Part No.	Chuck Mount	Morse Taper
GRO0505	B12	3
GRO0510	B16	2
GRO0515	B16	3
GRO0525	B18	2

GROZ DRILL DRIFT KEYS

- Drop forged from specially drawn medium carbon steel, these drift keys are accurately hardened for increased resistance to wear
- Used for conveniently removing taper shank drills and reamers from sleeves and sockets
- Premium shot blast finish with permanent marking of size for easy identification



Part No.	Morse Taper	Length
GRO1780	1 & 2	140mm
GRO1785	3	190mm

SOMTA CENTRE DRILLS TYPE A - HSS

- Bright Finish
- For general centering operations on workpieces requiring additional machining between centres

Part No.	Size
SOM1150159	BS2
SOM1150238	BS3
SOM1150318	BS4
SOM1150476	BS5
SOM1150635	BS6



IRWIN UNIBIT - STEPPED DRILLING BITS

- Single cutting edge creates perfectly round holes
- Use on metal ,wood plastic and other thin materials
- Industrial grade high speed molybdenum steel
- Heat treated and tempered for long life
- Self starting tip, no centre punch needed
- Multiple hole size
- 3 sided shank wont slip in drill chuck
- 9 Hole sizes
- Step thickness 5mm x 1mm increments
- Shank size 6.35 mm
- Perfect all round bit for most drilling jobs



Part No.	Ref	Size
PET2000	1M	4-12mm

IRWIN UNIBIT - STEPPED DRILLING BITS

- Single cutting edge creates perfectly round holes
- Use on metal ,wood plastic and other thin materials
- Industrial grade high speed molybdenum steel
- Heat treated and tempered for long life
- Self starting tip, no centre punch needed
- Multiple hole size
- 3 sided shank wont slip in drill chuck
- 7 Hole sizes
- Step thickness 5mm x 2mm increments
- Shank size 10mm
- Good choice for cutting medium sized holes quickly and easily



Part No.	Ref	Size
PET2040	3M	6-18mm

IRWIN UNIBIT - STEPPED DRILLING BITS

- Single cutting edge creates perfectly round holes
- Use on metal ,wood plastic and other thin materials
- Industrial grade high speed molybdenum steel
- Heat treated and tempered for long life
- Self starting tip, no centre punch needed
- Multiple hole size
- 3 sided shank wont slip in drill chuck
- 10 Hole sizes
- Step thickness 5mm x 2mm increments
- Shank size 10mm
- A wide range of the most popular and practical drill size



Part No.	Ref	Size
PET2050	4M	4-22mm

IRWIN UNIBIT - STEPPED DRILLING BITS

- A HSS Multi -step drill bit
- Use in an electric hand drill or drill-press
- Has 1 /2" shank
- Drill diameters are stepped
- Extremely useful for sheet metal (only) as offers 13 sizes in one bit



Part No.	Range	Sizes
PET2070	5-35mm	5;7,5;10;13;16;19;21; 23;26;29;31;33;35 mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE



PROFESSIONAL INDUSTRIAL HSS COBALT DRILLS

- Ground from solid M35 high speed steel which contains 5% cobalt
- Type N straight shank, jobber series
- Right hand cut with 135° split point tip, starts on contact and cuts with less force
- For drilling in commonly used materials up to 1500 N/mm² in strength
- For use where higher production rates are required
- Cobalt steel, extends cutting edge life, and is extra hard for greater wear resistance
- The split point reduces end thrust and optimises centre cutting efficiency
- It is recommended for hard and high strength materials. Stainless steel, non ferrous, steel, sheet





Split Point
The split point reduces end thrust and optimises centre cutting efficiency. It is recommended for hard and high strength materials




STAINLESS


NON-FERROUS


STEEL


SHEET



- Available individually carded only.
- All packs are clearly marked and are colour coded for easy identification.

Part No.	Ø mm	Overall Length
FOX7000	1,0 mm	34,0 mm
FOX7005	1,5 mm	40,0 mm
FOX7010	2,0 mm	49,0 mm
FOX7015	2,5 mm	57,0 mm
FOX7020	3,0 mm	61,0 mm
FOX7025	3,2 mm	65,0 mm
FOX7030	3,3 mm	65,0 mm
FOX7035	3,5 mm	70,0 mm
FOX7040	4,0 mm	75,0 mm
FOX7045	4,2 mm	75,0 mm
FOX7050	4,5 mm	80,0 mm

Part No.	Ø mm	Overall Length
FOX7055	4,8 mm	86,0 mm
FOX7060	5,0 mm	86,0 mm
FOX7065	5,5 mm	93,0 mm
FOX7070	6,0 mm	93,0 mm
FOX7075	6,5 mm	101,0 mm
FOX7080	6,8 mm	109,0 mm
FOX7085	7,0 mm	109,0 mm
FOX7090	7,5 mm	109,0 mm
FOX7095	8,0 mm	117,0 mm
FOX7100	8,5 mm	117,0 mm

Part No.	Ø mm	Overall Length
FOX7105	9,0 mm	125,0 mm
FOX7110	9,5 mm	125,0 mm
FOX7115	10,0 mm	133,0 mm
FOX7120	10,2 mm	133,0 mm
FOX7125	10,5 mm	133,0 mm
FOX7130	11,0 mm	142,0 mm
FOX7135	11,5 mm	142,0 mm
FOX7140	12,0 mm	151,0 mm
FOX7145	12,5 mm	151,0 mm
FOX7150	13,0 mm	151,0 mm



PROFESSIONAL HSS DOUBLE END STUB

- Ground from solid high speed steel
- Double-ended twist drill without chamfer, right-hand cut
- 135° split point tip reduces end thrust and optimizes centre cutting efficiency
- Recommended for hard and high strength materials
- Special steam initiated surface treatment
- For drilling holes in sheet metal, tubular sections and plastics for rivet holes





Split Point
The split point reduces end thrust and optimises centre cutting efficiency. It is recommended for hard and high strength materials


SHEET


PLASTICS


RIVETING







Part No.	Ø mm	Length
FOX1940	3,2 mm	49,0 mm
FOX1945	3,3 mm	49,0 mm
-	3,5 mm	52,0 mm
FOX1955	4,0 mm	55,0 mm
FOX1960	4,1 mm	55,0 mm
FOX1965	4,2 mm	55,0 mm
FOX1970	4,8 mm	62,0 mm
FOX1973	4,9 mm	62,0 mm
-	5,0 mm	62,0 mm
FOX1975	5,2 mm	62,0 mm
-	6,0 mm	62,0 mm

BULK PACKS

Part No.	Packing
FOX2000	10 Pack
FOX2010	10 Pack
FOX2020	10 Pack
FOX2030	10 Pack
FOX2040	10 Pack
FOX2050	10 Pack
FOX2060	10 Pack
FOX2065	10 Pack
FOX2080	10 Pack
FOX2070	10 Pack
FOX2090	10 Pack

DOUBLE ENDED SHEET METAL DRILLS/BODY DRILLS - HSS

- BLUE FINISH
- Double ended self centering drill designed to produce accurate holes in thin materials



Part No.	Size
SOM1510300	3mm
SOM1510320	3.2mm
SOM1510330	3.3mm
SOM1510400	4.0mm
SOM1510410	4.1mm

Part No.	Size
SOM1510420	4.2mm
SOM1510450	4.5mm
SOM1510480	4.8mm
SOM1510490	4.9mm
SOM1510500	5.0mm
SOM1510550	5.5mm



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

2 FLUTE END MILLS - HSS

- Regular Length
- Threaded Shank
- Milling keyways and slots to size in one cut
- Designed for plunging operations



Part No.	Size	Part No.	Size
SOM3210300	3mm	SOM3211200	12mm
SOM3210400	4mm	SOM3211400	14mm
SOM3210500	5mm	SOM3211600	16mm
SOM3210600	6mm	SOM3211800	18mm
SOM3210800	8mm	SOM3212000	20mm
SOM3211000	10mm		

MULTI-FLUTE END MILLS - HSS

- Regular length
- Threaded shank
- For profile milling



Part No.	Size	Part No.	Size
SOM3010300	3mm	SOM3011200	12mm
SOM3010400	4mm	SOM3011400	14mm
SOM3010500	5mm	SOM3011600	16mm
SOM3010600	6mm	SOM3011800	18mm
SOM3010800	8mm	SOM3012000	20mm
SOM3011000	10mm		

CORE DRILL CUTTERS

- Perfect start without sliding out of position
- Conical polished inside surface
- Precise centre pilot fitting, more accurate
- Polished clamp surface
- Faster, because each tooth cuts
- Stronger, therefore less breakage
- Much longer standing time
- Guaranteed discharge of the slug





CUTTERS - LONG SERIES (60mm) "WELDON SHANK"

Part No.	Description	Part No.	Description
HTCEUR12L	12mm EUR	HTCEUR37L	37mm EUR
HTCEUR13L	13mm EUR	HTCEUR38L	38mm EUR
HTCEUR14L	14mm EUR	HTCEUR39L	39mm EUR
HTCEUR15L	15mm EUR	HTCEUR40L	40mm EUR
HTCEUR16L	16mm EUR	HTCEUR41L	41mm EUR
HTCEUR17L	17mm EUR	HTCEUR43L	43mm EUR
HTCEUR18L	18mm EUR	HTCEUR44L	44mm EUR
HTCEUR19L	19mm EUR	HTCEUR45L	45mm EUR
HTCEUR20L	20mm EUR	HTCEUR46L	46mm EUR
HTCEUR21L	21mm EUR	HTCEUR47L	47mm EUR
HTCEUR22L	22mm EUR	HTCEUR48L	48mm EUR
HTCEUR23L	23mm EUR	HTCEUR49L	49mm EUR
HTCEUR24L	24mm EUR	HTCEUR50L	50mm EUR
HTCEUR25L	25mm EUR	HTCEUR51L	51mm EUR
HTCEUR26L	26mm EUR	HTCEUR52L	52mm EUR
HTCEUR27L	27mm EUR	HTCEUR53L	53mm EUR
HTCEUR28L	28mm EUR	HTCEUR54L	54mm EUR
HTCEUR29L	29mm EUR	HTCEUR55L	55mm EUR
HTCEUR30L	30mm EUR	HTCEUR56L	56mm EUR
HTCEUR31L	31mm EUR	HTCEUR57L	57mm EUR
HTCEUR32L	32mm EUR	HTCEUR58L	58mm EUR
HTCEUR33L	33mm EUR	HTCEUR59L	59mm EUR
HTCEUR34L	34mm EUR	HTCEUR60L	60mm EUR
HTCEUR36L	36mm EUR		

CUTTERS - SHORT SERIES (30mm) "WELDON SHANK"

Part No.	Description	Part No.	Description
HTCEUR12S	12mm EUR	HTCEUR36S	36mm EUR
HTCEUR13S	13mm EUR	HTCEUR37S	37mm EUR
HTCEUR14S	14mm EUR	HTCEUR38S	38mm EUR
HTCEUR15S	15mm EUR	HTCEUR39S	39mm EUR
HTCEUR16S	16mm EUR	HTCEUR40S	40mm EUR
HTCEUR17S	17mm EUR	HTCEUR41S	41mm EUR
HTCEUR18S	18mm EUR	HTCEUR42S	42mm EUR
HTCEUR19S	19mm EUR	HTCEUR43S	43mm EUR
HTCEUR20S	20mm EUR	HTCEUR44S	44mm EUR
HTCEUR21S	21mm EUR	HTCEUR45S	45mm EUR
HTCEUR22S	22mm EUR	HTCEUR46S	46mm EUR
HTCEUR23S	23mm EUR	HTCEUR47S	47mm EUR
HTCEUR24S	24mm EUR	HTCEUR48S	48mm EUR
HTCEUR25S	25mm EUR	HTCEUR49S	49mm EUR
HTCEUR26S	26mm EUR	HTCEUR50S	50mm EUR
HTCEUR27S	27mm EUR	HTCEUR51S	51mm EUR
HTCEUR28S	28mm EUR	HTCEUR52S	52mm EUR
HTCEUR29S	29mm EUR	HTCEUR53S	53mm EUR
HTCEUR30S	30mm EUR	HTCEUR54S	54mm EUR
HTCEUR31S	31mm EUR	HTCEUR55S	55mm EUR
HTCEUR32S	32mm EUR	HTCEUR56S	56mm EUR
HTCEUR33S	33mm EUR	HTCEUR57S	57mm EUR
HTCEUR34S	34mm EUR	HTCEUR58S	58mm EUR
HTCEUR35S	35mm EUR	HTCEUR59S	59mm EUR
		HTCEUR60S	60mm EUR

TCT CORE DRILL CUTTERS

TCT CUTTERS - LONG SERIES (50mm) "WELDON SHANK"

Part No.	Description	Part No.	Description
HTCEURTCT51L	51mm TCT EUR+	HTCEURTCT62L	62mm TCT EUR+
HTCEURTCT52L	52mm TCT EUR+	HTCEURTCT63L	63mm TCT EUR+
HTCEURTCT53L	53mm TCT EUR+	HTCEURTCT64L	64mm TCT EUR+
HTCEURTCT54L	54mm TCT EUR+	HTCEURTCT65L	65mm TCT EUR+
HTCEURTCT55L	55mm TCT EUR+	HTCEURTCT70L	70mm TCT EUR+
HTCEURTCT56L	56mm TCT EUR+	HTCEURTCT75L	75mm TCT EUR+
HTCEURTCT57L	57mm TCT EUR+	HTCEURTCT80L	80mm TCT EUR+
HTCEURTCT58L	58mm TCT EUR+	HTCEURTCT85L	85mm TCT EUR+
HTCEURTCT59L	59mm TCT EUR+	HTCEURTCT90L	90mm TCT EUR+
HTCEURTCT60L	60mm TCT EUR+	HTCEURTCT95L	95mm TCT EUR+
HTCEURTCT61L	61mm TCT EUR+	HTCEURTCT100L	100mm TCT EUR+





Double action teeth

fox tools PROFESSIONAL MASONRY, CARBIDE TIPPED DRILLS

- Masonry Point is suitable for plaster, screed and brick
- A tough drill for rotary drilling with or without percussion
- High temperature brazing of the carbide tip, galvanised finish
- For sandstone, masonry, lightweight building materials and similar
- After centre punching this drill is also suitable for ceramic tiles





Masonry Point
This point is suitable for plaster, screed and brick



PLASTER



BRICK



NO HAMMER ACTION

- Available individually carded only.
- All packs are clearly marked and are colour coded for easy identification.





Part No.	Ø mm	Overall Length
FOX1500	3,0 mm	75,0 mm
FOX1510	4,0 mm	75,0 mm
FOX1520	4,5 mm	85,0 mm
FOX1530	5,0 mm	85,0 mm
FOX1540	5,5 mm	85,0 mm
FOX1550	6,0 mm	100,0 mm
FOX1560	6,0 mm	300,0 mm
FOX1570	6,5 mm	100,0 mm
FOX1580	7,0 mm	100,0 mm
FOX1590	8,0 mm	100,0 mm
FOX1600	8,0 mm	400,0 mm

Part No.	Ø mm	Overall Length
FOX1610	9,0 mm	120,0 mm
FOX1620	10,0 mm	400,0 mm
FOX1630	10,0 mm	150,0 mm
FOX1640	11,0 mm	150,0 mm
FOX1650	12,0 mm	150,0 mm
FOX1660	13,0 mm	150,0 mm
FOX1670	13,0 mm	400,0 mm
FOX1680	14,0 mm	150,0 mm
FOX1690	15,0 mm	150,0 mm
FOX1700	16,0 mm	150,0 mm

Part No.	Ø mm	Overall Length
FOX1710	16,0 mm	400,0 mm
FOX1715	18,0 mm	160,0 mm
FOX1720	19,0 mm	160,0 mm
FOX1730	20,0 mm	400,0 mm
FOX1740	20,0 mm	160,0 mm
FOX1750	22,0 mm	160,0 mm
FOX1760	22,0 mm	400,0 mm
FOX1770	24,0 mm	160,0 mm
FOX1780	25,0 mm	160,0 mm
FOX1790	25,0 mm	400,0 mm

IRWIN MASONRY DRILL BITS - STRAIGHT SHANK ROTARY PERCUSSION

- Improved carbide tip design ensures durable and fast drilling in all masonry materials
- Aggressive head design for 15% Speed advantage over competition
- Now 20% more life vs. previous version
- Single flute design giving maximum space for dust removal and provides a 60% faster dust removal.





Part No.	Ø mm	Overall Length mm
IRW10501812	3.0	70
IRW10501814	4.0	80
IRW10501815	4.0	160
IRW10501817	5.0	90
IRW10501818	5.0	160
IRW10501819	5.5	95
IRW10501820	5.5	160
IRW10501821	6.0	100
IRW10501822	6.0	160
IRW10501823	6.0	330
IRW10501824	6.0	400
IRW10501826	6.5	105
IRW10501827	6.5	160
IRW10501829	6.5	400
IRW10501830	7.0	110
IRW10501831	7.0	160
IRW10501834	8.0	120
IRW10501835	8.0	160
IRW10501836	8.0	200
IRW10501837	8.0	330
IRW10501838	8.0	400
IRW10501839	8.0	600
IRW10501841	9.0	130
IRW10501846	10.0	140
IRW10501847	10.0	160
IRW10501848	10.0	200
IRW10501849	10.0	330

Part No.	Ø mm	Overall Length mm
IRW10501850	10.0	400
IRW10501851	10.0	600
IRW10501853	11.0	160
IRW10501854	12.0	160
IRW10501855	12.0	330
IRW10501856	12.0	400
IRW10501857	12.0	600
IRW10501859	13.0	160
IRW10501861	13.0	400
IRW10501862	14.0	160
IRW10501863	14.0	330
IRW10501864	14.0	400
IRW10501865	14.0	600
IRW10501866	15.0	160
IRW10501867	16.0	160
IRW10501868	16.0	330
IRW10501869	16.0	400
IRW10501870	16.0	600
IRW10501873	18.0	160
IRW10501874	18.0	400
IRW10501875	18.0	600
IRW10501878	20.0	160
IRW10501879	20.0	330
IRW10501880	20.0	400
IRW10501881	20.0	600
IRW10501882	22.0	160
IRW10501884	22.0	400
IRW10501885	24.0	160
IRW10501887	25.0	330



MASONRY DRILL BIT CASSETTES

Part No.	Description
IRW10501892	5pcs Set: 4/5/6/8/10mm
IRW10501893	7pcs Set: 4/5/6/7/8/10/12mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

IRWIN CORDLESS MULTI DRILL BITS - STRAIGHT SHANK - ROTARY DRILLING ONLY

- Hardest carbide grade and unique point grinding for fast drilling into most common materials and hardest common materials and hardest tiles (scratch hardness 9)
- Single flute design giving maximum space for dust removal. Up to 15% Speed advantage over competition. 10% more holes per battery charge.





Part No.	Ø mm	Overall Length mm
IRW10501921	4.0	80
IRW10501922	5.0	90
IRW10501923	5.5	95
IRW10501925	6.0	100
IRW10501927	6.0	200
IRW10501928	6.5	105
IRW10501930	7.0	110
IRW10501932	8.0	120
IRW10501933	8.0	200
IRW10501934	10.0	140
IRW10501935	10.0	200
IRW10501936	12.0	160
IRW10501937	14.0	160







CORDLESS MULTI DRILL BIT CASSETTE

Part No.	Description
IRW10501938	5pcs Set : 4, 5, 6, 8, 10mm

One drill bit for every need!

Low RPM.
High pressure.
No hammer action.

fox tools PROFESSIONAL CONCRETE, CARBIDE TIPPED

- Concrete Point is suitable for masonry and concrete
- Hardened rotary percussion drill
- High temperature brazing of the carbide tip
- For concrete, stone, masonry, and similar materials
- After centre punching this drill is also suitable for ceramic tiles



Concrete Point
This point is suitable for masonry and concrete



PLASTER CONCRETE BRICK

- Available individually carded only.
- All packs are clearly marked and are colour coded for easy identification.





Code	Size	Length
FOX5700	3,0 mm	75,0 mm
FOX5703	3,5 mm	60,0 mm
FOX5705	4,0 mm	75,0 mm
FOX5708	4.5 mm	75,0 mm
FOX5710	5,0 mm	85,0 mm
FOX5713	5,5 mm	85,0 mm
FOX5715	6,0 mm	100,0 mm
FOX5720	7,0 mm	100,0 mm

Code	Size	Length
FOX5725	8,0 mm	100,0 mm
FOX5730	8,0 mm	400,0 mm
FOX5735	9,0 mm	120,0 mm
FOX5740	10,0 mm	150,0 mm
FOX5745	10,0 mm	400,0 mm
FOX5750	12,0 mm	150,0 mm
FOX5755	12,0 mm	400,0 mm
FOX5765	13,0 mm	400,0 mm

Code	Size	Length
FOX5770	14,0 mm	150,0 mm
FOX5775	14,0 mm	400,0 mm
FOX5780	16,0 mm	150,0 mm
FOX5785	16,0 mm	400,0 mm
FOX5790	18,0 mm	160,0 mm
FOX5795	18,0 mm	400,0 mm
FOX5800	20,0 mm	160,0 mm
FOX5805	20,0 mm	400,0 mm
FOX5820	22,0 mm	400,0 mm

GRANITE DRILL BITS - STRAIGHT SHANK ROTARY PERCUSSION

- For percussion drilling in very hard materials such as granite
- Extremely hard and wear resistant carbide tip guarantees up to 40% more holes compared to conventional masonry drill bits
- Stone masons favour this product for impact drilling of natural stone like granite
- Special shaped cutting edges mean higher durability resulting in 50% more accurately sized holes per drill bit



Part No.	Ø mm	Overall Length mm
IRW10501894	3.0	70
IRW10501896	4.0	80
IRW10501897	5.0	90
IRW10501898	5.0	160
IRW10501900	5.5	160
IRW10501901	6.0	100
IRW10501902	6.0	160
IRW10501904	6.5	160
IRW10501905	7.0	110
IRW10501906	7.0	160
IRW10501907	8.0	120
IRW10501908	8.0	200
IRW10501911	10.0	140
IRW10501912	10.0	200
IRW10501916	14.0	160

GRANITE DRILL BIT CASSETTES

Part No.	Description
IRW10501917	5pcs Set : 4, 5, 6, 8, 10mm
IRW10501918	7pcs Set : 4, 5, 6, 7, 8, 10, 12mm







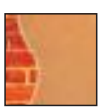


GRANITE

Designed for percussion drilling in very hard materials

PROFESSIONAL HAMMER DRILL BITS - SDS+

- A tough drill for rotary drilling with or without percussion. High temperature brazing of the carbide tip, galvanised finish. For sandstone, masonry, lightweight building materials and similar. After centre punching this drill is also suitable for ceramic tiles. Available individually carded only.


PLASTER


BRICK


CONCRETE

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Part No.	Ø mm	Overall Length	Working Length
FOX4500	5,0 mm	110,0 mm	50,0 mm
FOX4505	5,0 mm	160,0 mm	100,0 mm
FOX4510	5,0 mm	210,0 mm	150,0 mm
FOX4530	6,0 mm	110,0 mm	50,0 mm
FOX4535	6,0 mm	210,0 mm	150,0 mm
FOX4540	6,0 mm	160,0 mm	100,0 mm
FOX4550	7,0 mm	160,0 mm	100,0 mm
FOX4555	7,0 mm	210,0 mm	150,0 mm
FOX4580	8,0 mm	160,0 mm	100,0 mm
FOX4590	8,0 mm	210,0 mm	150,0 mm
FOX4600	8,0 mm	450,0 mm	400,0 mm

Part No.	Ø mm	Overall Length	Working Length
FOX4645	10,0 mm	110,0 mm	50,0 mm
FOX4650	10,0 mm	160,0 mm	100,0 mm
FOX4660	10,0 mm	210,0 mm	150,0 mm
FOX4680	10,0 mm	450,0 mm	400,0 mm
FOX4720	12,0 mm	160,0 mm	100,0 mm
FOX4730	12,0 mm	210,0 mm	150,0 mm
FOX4735	12,0 mm	260,0 mm	200,0 mm
FOX4738	12,0 mm	300,0 mm	250,0 mm
FOX4740	12,0 mm	450,0 mm	400,0 mm
FOX4760	13,0 mm	160,0 mm	100,0 mm
FOX4765	13,0 mm	260,0 mm	200,0 mm
FOX4775	13,0 mm	450,0 mm	400,0 mm
FOX4800	14,0 mm	160,0 mm	100,0 mm

Part No.	Ø mm	Overall Length	Working Length
FOX4810	14,0 mm	210,0 mm	150,0 mm
FOX4820	14,0 mm	260,0 mm	200,0 mm
FOX4830	14,0 mm	450,0 mm	400,0 mm
FOX4875	16,0 mm	160,0 mm	100,0 mm
FOX4880	16,0 mm	210,0 mm	150,0 mm
FOX4885	16,0 mm	300,0 mm	250,0 mm
FOX4900	16,0 mm	450,0 mm	400,0 mm
FOX4920	18,0 mm	210,0 mm	150,0 mm
FOX4930	18,0 mm	310,0 mm	250,0 mm
FOX4950	18,0 mm	450,0 mm	400,0 mm
FOX4980	20,0 mm	300,0 mm	250,0 mm
FOX5000	20,0 mm	450,0 mm	400,0 mm
FOX5100	25,0 mm	450,0 mm	400,0 mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SPEEDHAMMER™ POWER DRILL BITS

- The new range of Speedhammer™ POWER drill bits is the most powerful yet
- The unique tip design with 2X more carbide is optimized for fast, continuous drilling, even through reinforced concrete, delivering superior performance and 2X longer life
- It easily powers through 2X more concrete and rebar than traditional masonry bits
- Maximized Flute for faster, more efficient dust removal and extended life
- Optimal Groove Design minimizes friction for increased speed and longer life
- Premium Steel (from 5 to 7mm 34CrNiMo6 Steel and from 8 to 20mm 50CrV4 Steel) provides improved core strength for maximum durability and extended life
- Blue Power Ring for easier identification in the toolbox





Part No.	Ø mm	Overall Length mm
IRW10507124	5.0	110
IRW10507125	5.0	160
IRW10507126	6.0	110
IRW10507127	6.0	160
IRW10507128	6.0	210
IRW10507129	6.0	260
IRW10507133	6.5	260
IRW10507134	7.0	160
IRW10507136	8.0	110
IRW10507137	8.0	160
IRW10507138	8.0	210
IRW10507139	8.0	260
IRW10507142	10.0	110
IRW10507143	10.0	160
IRW10507144	10.0	210
IRW10507145	10.0	260
IRW10507148	12.0	160
IRW10507149	12.0	210
IRW10507150	12.0	260
IRW10507154	14.0	210
IRW10507156	14.0	300
IRW10507159	16.0	210
IRW10507160	16.0	300



*vs Speedhammer Plus





SPEED POWER HAMMER™

Longest lasting Irwin® Hammer Drill Bit ever

SPEEDHAMMER™ MAX DRILL BITS 2 CUTTING EDGES

- IRWIN® tip design enhances dust removal and provides symmetrical holes
- Head takes 80% of the workload, ensuring higher durability, speed and rebar performance
- 53° drilling head design means more aggressive cutting and faster dust removal for overall faster performance
- Four-cutter tips for less vibration, faster drilling, rounder holes and better anchoring
- Single Flute design for faster dust removal and increased drilling speed
- Shank fits in all SDS Max Hammer Machines





Part No.	Ø mm	Overall Length mm
IRW10502092	12.0	340
IRW10502093	12.0	540
IRW10502094	12.0	690
IRW10502095	14.0	340
IRW10502096	14.0	540
IRW10502097	15.0	340
IRW10502098	15.0	540



2-cutter Head

SPEED MAX HAMMER™

Designed for tougher tasks!

SPEEDHAMMER™ MAX DRILL BITS 4 CUTTING EDGES

Part No.	Ø mm	Overall Length mm
IRW10502099	16.0	340
IRW10502100	16.0	540
IRW10502101	18.0	340
IRW10502102	18.0	540
IRW10502103	20.0	320
IRW10502104	20.0	520
IRW10502106	22.0	320
IRW10502107	22.0	520
IRW10502109	24.0	320

Part No.	Ø mm	Overall Length mm
IRW10502110	24.0	520
IRW10502111	25.0	320
IRW10502112	25.0	520
IRW10502115	28.0	370
IRW10502116	28.0	570
IRW10502117	28.0	670
IRW10502118	30.0	370
IRW10502119	30.0	570
IRW10502120	32.0	370

Part No.	Ø mm	Overall Length mm
IRW10502121	32.0	570
IRW10502123	35.0	370
IRW10502124	35.0	570
IRW10502125	35.0	670
IRW10502126	38.0	370
IRW10502127	38.0	570
IRW10502128	40.0	370
IRW10502129	40.0	570
IRW10502130	40.0	920



4-cutter Head

SPEEDHAMMER™ PLUS DRILL BITS

- IRWIN® carbide tip controlled self centering when starting holes; aggressive angles for faster drilling
- Short drill head forces drilling dust into flute
- Unique flute design for rapid dust removal, reduces clogging and increases penetration speed
- 140° cutting tip provides more cutting surface than competitor's tip, reduces breakout in through-hole applications; centering point prevents walking
- Designed for drilling in brick, block, masonry, concrete and granite





Part No.	Ø mm	Overall Length mm
IRW10501943	4.0	110
IRW10501944	4.0	160
IRW10501945	5.0	110
IRW10501946	5.0	160
IRW10501947	5.0	210
IRW10501949	5.5	110
IRW10501950	5.5	160
IRW10501951	5.5	210
IRW10501952	5.5	260
IRW10501953	5.5	300
IRW10501954	6.0	110
IRW10501955	6.0	160
IRW10501956	6.0	210
IRW10501957	6.0	260
IRW10501958	6.0	300
IRW10501959	6.0	460
IRW10501960	6.5	110
IRW10501961	6.5	160
IRW10501962	6.5	210
IRW10501963	6.5	260
IRW10501964	7.0	110
IRW10501965	7.0	160
IRW10501966	7.0	210
IRW10501968	8.0	110
IRW10501969	8.0	160
IRW10501970	8.0	210
IRW10501971	8.0	260
IRW10501972	8.0	300
IRW10501973	8.0	460
IRW10501975	9.0	160
IRW10501976	9.0	210

Part No.	Ø mm	Overall Length mm
IRW10501977	9.5	160
IRW10501978	10.0	110
IRW10501979	10.0	160
IRW10501980	10.0	210
IRW10501981	10.0	260
IRW10501982	10.0	300
IRW10501984	10.0	460
IRW10501985	10.0	600
IRW10501986	10.0	1000
IRW10501987	11.0	160
IRW10501988	11.0	260
IRW10501991	12.0	160
IRW10501992	12.0	210
IRW10501994	12.0	260
IRW10501995	12.0	300
IRW10501996	12.0	460
IRW10501997	12.0	600
IRW10501998	12.0	800
IRW10501999	12.0	1000
IRW10502000	13.0	160
IRW10502002	13.0	300
IRW10502004	14.0	160
IRW10502005	14.0	210
IRW10502007	14.0	260
IRW10502008	14.0	300
IRW10502010	14.0	460
IRW10502011	14.0	600
IRW10502012	14.0	1000
IRW10502013	15.0	160
IRW10502014	15.0	230
IRW10502015	15.0	260

Part No.	Ø mm	Overall Length mm
IRW10502017	16.0	160
IRW10502018	16.0	210
IRW10502019	16.0	260
IRW10502020	16.0	300
IRW10502021	16.0	460
IRW10502022	16.0	600
IRW10502023	16.0	800
IRW10502024	16.0	1000
IRW10502027	18.0	210
IRW10502028	18.0	300
IRW10502029	18.0	460
IRW10502030	18.0	600
IRW10502031	18.0	1000
IRW10502033	19.0	300
IRW10502035	19.0	460
IRW10502036	20.0	210
IRW10502038	20.0	300
IRW10502040	20.0	460
IRW10502041	20.0	600
IRW10502042	20.0	1000
IRW10502043	22.0	260
IRW10502044	22.0	300
IRW10502046	22.0	460
IRW10502049	24.0	260
IRW10502050	24.0	300
IRW10502052	24.0	460
IRW10502053	25.0	260
IRW10502054	25.0	300
IRW10502056	25.0	460
IRW10502059	26.0	300
IRW10502060	26.0	460





Fastest lasting Irwin® Hammer Drill Bit ever

SPEEDHAMMER™ PLUS DRILL BITS 10 PIECE BULK QUADRO PACKS

Part No.	Ø mm	Overall Length mm
IRW10502071	5.0	110
IRW10502072	5.0	160
IRW10502073	5.5	110
IRW10502074	5.5	160
IRW10502075	6.0	110
IRW10502076	6.0	160
IRW10502077	6.0	210
IRW10502082	8.0	160
IRW10502083	8.0	210
IRW10502084	10.0	110
IRW10502085	10.0	160
IRW10502086	10.0	210
IRW10502087	12.0	160
IRW10502088	12.0	210



SPEEDHAMMER™ PLUS DRILL BITS CASSETTES



Part No.	Description
IRW10502089	SPDH Plus 5pcs Set : 1pc - 5/6 x 110, 8/10/12 x 160 mm
IRW10507111	SPDH Plus 9pcs Set, SE: 1pc - 5/8 x 110, 8/10/12 x 160; 2pcs - 6 x 110, 6 x 160 mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

DIAMOND DRILL BITS

- Drilling with water increases the life span of the tool
- Do not press strongly on the tool, let it work
- Make a swinging movement to allow dust evacuation
- Cutting speed: 2700 RPM
- No hammer action required.



DIAMOND

For fast smooth cutting in all grades of hard and soft tiles



Part No.	Ø mm
IRW10507892	5.0
IRW10507893	6.0
IRW10507895	8.0
IRW10507896	10.0
IRW10507897	12.0
IRW10507898	14.0

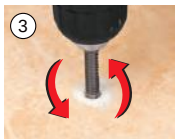




The drill needs to run before hitting the surface. To avoid sliding of the drill, start with an angle of 45°.



Once the hole has started, raise the drill gradually up to the vertical line.



Make an oscillating movement while drilling.

HEAVY DUTY CORE DRILLS

- Designed for drilling of large diameters (35-150mm) into: Concrete, Granite and other very hard materials
- Pilot drill: To easily remove the pilot drill from the drill rod, push the drift key into the slot of the drill rod
- Core removal: After drilling, the core often gets stuck in the core drill. To make the removal easier, the lightweight core drills have a hole

Designed for drilling large diameter holes in concrete and rock.

Part No.	Description	Hole Ø	Length
IRW10507198	Drill Rod 180mm SPDHMAX	-	180
IRW10507199	Drill Rod 450mm SPDHMAX	-	450
IRW10507200	Drill Rod 115mm SPDHPLUS	-	115
IRW10507211	HD Core Drill 40mm	40	100
IRW10507212	HD Core Drill 45mm	45	100
IRW10507213	HD Core Drill 50mm	50	100
IRW10507214	HD Core Drill 60mm	60	100
IRW10507215	HD Core Drill 65mm	65	100
IRW10507216	HD Core Drill 75mm	75	100
IRW10507219	HD Core Drill 100mm	100	100
IRW10507220	HD Core Drill 115mm	115	100
IRW10507222	HD Core Drill 150mm	150	100
IRW10507224	Pilot Drill Bit 11 x 120mm	11	120
IRW10507225	Core Drill Drift Key	-	-



LIGHTWEIGHT CORE DRILLS

- Designed for fast and easy drilling of larger diameters (30-80mm) into: Masonry, Brick, Natural stone, Autoclaved aerated concrete and Drywall/gypsum board
- Pilot drill: The pilot drill is securely fixed by a set screw which can be tightened with a hex key
- Core removal: After drilling, the core often gets stuck in the core drill
- To make the removal easier, the lightweight core drills have a hole



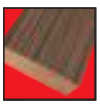
Part No.	Description	Hole Ø	Length
IRW10507203	LW Core Drill 30mm	30	58
IRW10507205	LW Core Drill 40mm	40	58
IRW10507206	LW Core Drill 45mm	45	58
IRW10507207	LW Core Drill 50mm	50	58
IRW10507208	LW Core Drill 65mm	65	50
IRW10507209	LW Core Drill 80mm	80	50
IRW10507223	Pilot Drill Bit 8 x 120mm	-	120

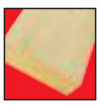
WOOD FLAT BITS

- Flat fast cutting bits for woodwork, soft fibre boards
- D.I.Y use
- Any electrical drill

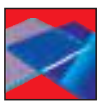





HARD WOOD

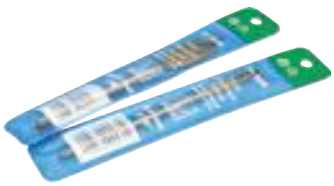

SOFT WOOD


PLYWOOD


PLASTICS

DIN 338

- Available in individual PVC sleeves with hangers. All packs are clearly marked and are colour coded for easy identification.



STANDARD SHANK

Part No.	Ø mm	Overall Length
FOX3205	6,0 mm	158,0 mm
FOX3210	8,0 mm	158,0 mm
FOX3215	10,0 mm	158,0 mm
FOX3220	13,0 mm	158,0 mm
FOX3225	14,0 mm	158,0 mm
FOX3230	16,0 mm	158,0 mm
FOX3235	18,0 mm	158,0 mm
FOX3240	19,0 mm	158,0 mm

STANDARD SHANK

Part No.	Ø mm	Overall Length
FOX3245	22,0 mm	158,0 mm
FOX3250	25,0 mm	161,0 mm
FOX3255	28,0 mm	174,0 mm
FOX3260	30,0 mm	174,0 mm
FOX3265	32,0 mm	174,0 mm
FOX3270	35,0 mm	174,0 mm
FOX3280	38,0 mm	174,0 mm

LONG SHANK

Part No.	Ø mm	Overall Length
FOX3310	10,0 mm	400,0 mm
FOX3313	13,0 mm	400,0 mm
FOX3314	14,0 mm	400,0 mm
FOX3316	16,0 mm	400,0 mm
FOX3318	18,0 mm	400,0 mm
FOX3319	19,0 mm	400,0 mm
FOX3322	22,0 mm	400,0 mm

BLUE GROOVE 4X FLAT BITS - 152MM LENGTH

- Double Cutting Spurs scribe outside of the hole, reducing breakout
- Thicker Cutting Edge for longer drilling life
- BLUE-GROOVE Point & Cutting Edge for faster chip removal
- 10% larger shank - added durability
- 1/4" Quick Change Shank







4 times faster than competitor products

Saves Battery Life

Quick Change Shank

BLUE GROOVE EXTENSION

- Cannot be used on bits under 16mm diameter
- Blade fits into front socket, held by setscrews



Code	Size(mm)
IRW4300	330



4 times faster than standard Flat Bits

BLUE 4x GROOVE



Part No.	Description
IRW4320	6pcs Set: 10, 13, 16, 19, 22, 25mm plastic wallet

Code	Size (mm)
IRW4200	6
IRW4205	8
IRW4210	10
IRW4215	12
IRW4220	13
IRW4225	14
IRW4230	16

Code	Size (mm)
IRW4235	18
IRW4240	19
IRW4245	20
IRW4250	22
IRW4255	24
IRW4260	25

Code	Size (mm)
IRW4265	28
IRW4270	30
IRW4275	32
IRW4280	35
IRW4285	38
IRW4290	40

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

AUGER DRILL BITS

- Single Spur design for smoother hole finish
- Coarse Screw Point for faster drilling into all types of wood
- Fully hardened body from tip to shank for extra durability
- Hex shank prevents bit slipping in chuck
- Extra wide flute for faster chip removal







Perfect for all types of wood
Creates perfect and straight holes

The Original AUGER



Code	Ref	Size(mm)	Length(mm)
IRW2700	T378	6	191
IRW2710	T379	8	191
IRW2725	T382	12	191
IRW2730	T383	13	191
IRW2740	T384	14	191
IRW2750	T385	16	191
IRW2755	T387	18	191
IRW2760	T388	19	191

Code	Ref	Size(mm)	Length(mm)
IRW2780	T393	25	191
IRW2792	T405	8	280
IRW2794	T406	10	280
IRW2796	T407	12	280
IRW2798	T408	13	280
IRW2800	T409	14	280
IRW2802	T410	16	280

Code	Ref	Size(mm)	Length(mm)
IRW2806	T413	25	280
IRW2814	T429	10	400
IRW2816	T430	12	400
IRW2820	T432	14	400
IRW2822	T433	16	400
IRW2826	T436	20	400
IRW2828	T437	22	400

BRAD POINT DRILL BITS

- Brad point tip guarantees accurate positioning for starting the hole
- Bit is precision-ground for use in furniture making, doweling, cabinetry and other woodworking applications where an exact hole size is required
- Spur cutting edges reduce splintering and ensure a smooth, clean hole
- Wide flutes provide a fast, continuous flow of chip ejection



Code	Size (mm)	Length(mm)
IRW10502792	3.0	67
IRW10502793	4.0	88
IRW10502794	5.0	95
IRW10502795	6.0	103
IRW10502796	8.0	119
IRW10502797	10.0	136
IRW10502798	12.0	145
IRW10502799	13.0	149
IRW10502800	16.0	178

BRAD POINT

Precise drilling of clean holes



SCOTCH SCREW-EYED AUGER BITS



Code	Ref	Size(mm)	Length(mm)
IRW3000	T467	10	610
IRW3005	T469	13	610
IRW3015	T471	16	610

Code	Ref	Size(mm)	Length(mm)
IRW3020	T472	17.5	610
IRW3025	T473	19	610
IRW3030	T474	22	610

Code	Ref	Size(mm)	Length(mm)
IRW3035	T475	25	610
IRW3040	T477	32	610
IRW3045	T478	38	610

GLASS AND TILE DRILL BITS

- Drill with low RPM (300 RPM recommended)
- Water cooling
- recommended
- No hammer action





Part No.	Description
IRW10507902	Glass & Tile 3mm
IRW10507903	Glass & Tile 4mm
IRW10507904	Glass & Tile 5mm
IRW10507905	Glass & Tile 6mm
IRW10507907	Glass & Tile 8mm
IRW10507909	Glass & Tile 10mm
IRW10507912	Glass & Tile 5pcs Set: 4, 5, 6, 8, 10mm

GLASS & TILES

For drilling glass, porcelain and ceramics.

DRILL GRINDING ATTACHMENT - RT40/511D

- A precision tool for accurately sharpening drill bits
- For machine shops, garages, home workshops etc.
- Die cast aluminium alloy construction with baked enamel finish
- Positive angle adjustment for 41, 49, 59, 68, 88 degrees to
- produce the correct clearance angle
- Used in conjunction with a standard bench grinder for drill bits from 3 - 10mm Ø



Part No.
RIC1115

DRILL BIT SHARPENER - RT40/515B

- Designed to fit over the chuck of a power / electric drill
- with a median spindle collar diameter of 43mm
- Accurately sharpens blunt, chipped or pitted drill bits quickly and easily
- Will not damage the power tool or the drill bit
- Spare stone is available - please quote code RIC1105



Part No.	Sizes
RIC1100	3-10mm

HOLESAW KIT - 7 PIECE D.I.Y.

- These compact sets are ideal for sawing a range of different diameter holes in wood, plasterboard, chipboard, plastics and some soft metals
- Kit comprises pilot drill, multi-diameter holder and seven blades



Part No.	Size
MTS3522	25-63mm

HOLE SAW - 5 BLADE RT36/415C

- Expert quality, suitable for cutting large diameter holes
- in wood, plastic and soft grades of sheet metal
- 5 high carbon steel blades with induction hard-point teeth
- Blade sizes: 28, 35, 50, 68, 75mm with a cutting depth of 38mm
- Strong aluminium mandrel holder with 6.0mm diameter pilot drill



Part No.
RIC1758

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

HOLE SAW KIT 9 PIECE - RT36/479

- Make clean, round cuts in wood, plywood and wall board
- Black finish, high carbon alloy steel hole saws with hardened teeth
- Contents:
- Heat treated steel arbor
- High speed 5.0mm pilot drill
- Arbors for 19mm - 36mm diameter hole saw blades
- Hole saws: 25, 32, 38, 45, 50, 63mm
- Hex key



Part No.	Size
RIC1755	9 Pce

HOLE SAW - BI-METAL – KIT 9 PIECE - RT36/458

- Allows hole boring into many different materials
- Bi-metal H.S.S teething hardness, it becomes easy boring holes in almost all current materials used in ironmongeries, shipbuilding yards general maintenance shops, wood working, plumbing, electricity workshops
- Works in metal, wood, hardwood, plywood, pipes and plastic
- 4/6T variable pitch, positive cutting teeth
- Contents:
- Hole saws: 22, 29, 35, 44, 51, 64mm
- Arbors: 36501, 36502
- Hex key

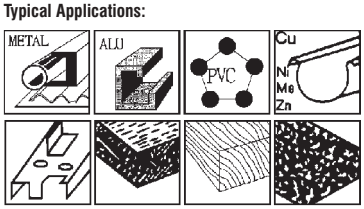


Part No.	Size
RIC7200	9 Pce

HOLE SAWS - BI-METAL

- Allows hole boring into many different materials
- Bi-metal H.S.S teething hardness, it becomes easy boring holes in almost all current materials used in ironmongeries, shipbuilding yards, general maintenance shops, wood working, plumbing, electricity workshops
- Works in metal, wood, hardwood, plywood, pipes and plastic
- 4/6T variable pitch, positive cutting teeth

Typical Applications:





Part No.	Size	Ref.
RIC7014	14mm	36520
RIC7016	16mm	36521
RIC7017	17mm	36522
RIC7019	19mm	36524
RIC7020	20mm	36525
RIC7022	22mm	36527
RIC7024	24mm	36529
RIC7025	25mm	36530
RIC7027	27mm	36532
RIC7029	29mm	36534
RIC7030	30mm	36535

Part No.	Size	Ref.
RIC7032	32mm	36536
RIC7035	35mm	36538
RIC7038	38mm	36540
RIC7040	40mm	36541
RIC7041	41mm	36542
RIC7043	43mm	36543
RIC7044	44mm	36544
RIC7046	46mm	36546
RIC7048	48mm	36548
RIC7051	51mm	36551
RIC7054	54mm	36554

Part No.	Size	Ref.
RIC7057	57mm	36557
RIC7060	60mm	36560
RIC7064	64mm	36564
RIC7065	65mm	36565
RIC7067	67mm	36567
RIC7070	70mm	36570
RIC7073	73mm	36573
RIC7076	76mm	36576
RIC7079	79mm	36579
RIC7083	83mm	36583
RIC7086	86mm	36586

Part No.	Size	Ref.
RIC7089	89mm	36589
RIC7092	92mm	36592
RIC7095	95mm	36595
RIC7098	98mm	36598
RIC7102	102mm	36602
RIC7108	108mm	36608
RIC7111	111mm	36611
RIC7114	114mm	36614
RIC7127	127mm	36627
RIC7152	152mm	36652



HOLE SAW ARBORS

- A set screw in the arbor allows for easy replacement of pilot drill
- Quick-change hole saws without tools



Part No.	Hex Shank:	For Hole Saw:	Ref.
RIC7008	8mm	14-30mm	36503
RIC7010	11mm	32-152mm	36502

HOLE SAW ARBOR DRILL - 36512

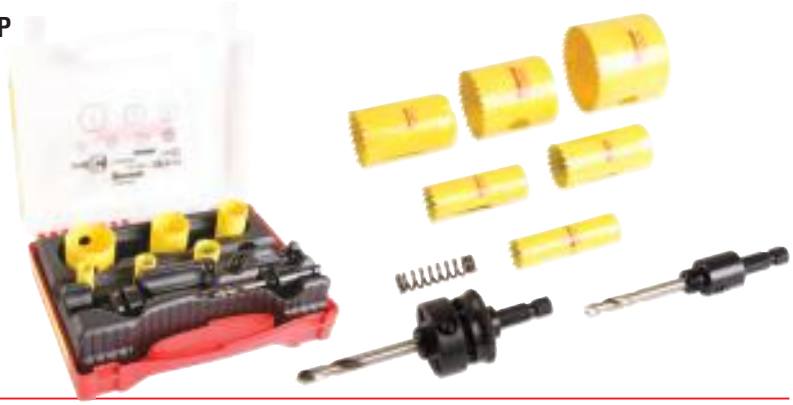
- High speed pilot drill
- For use with RIC7008 & RIC7010 hole saw arbors



Part No.	Size
RIC7005	6 x 81mm

HOLE SAW KIT - K100SP

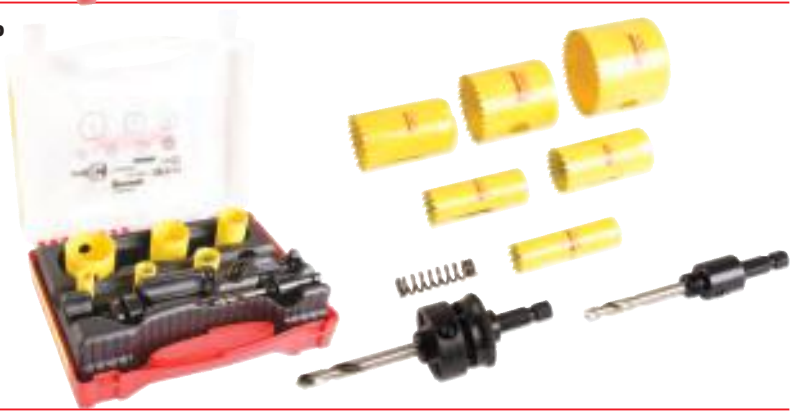
- Suitable for tradesmen, installation engineers, industry generally and the DIY enthusiast
- Packed in sturdy carrying cases
- Contents: Hole saws: 16, 20, 25, 32, 40, 51mm
  Arbors: 1 x A47 (complete)
  1 x A10 (complete)
  Ejector spring: 1 x A7



Part No.
STT0496

HOLE SAW KIT - K101SP

- Suitable for tradesmen, installation engineers, industry generally and the DIY enthusiast
- Packed in sturdy carrying cases
- Contents: Hole saws: 22, 29, 35, 44, 51, 64mm
  Arbors: 1 x A47 (complete)
  1 x A10 (complete)
  Ejector spring: 1 x A7



Part No.
STT0497

CONSTANT PITCH HOLE SAWS

- Provides a smooth cut with minimal tendency to bite or snag on contact with irregular surfaces
- Six teeth per 25mm/inch makes this saw ideal for thinner gauge materials
- Cutting depth 41mm (1 5/8")
- Applications include: cast iron, tool steel, stainless steel, brass, bronze, aluminium, plastic and wood



Part No.	Ref	Size	Part No.	Ref	Size	Part No.	Ref	Size	Part No.	Ref	Size	Part No.	Ref	Size
STT0445	H0096	14mm	STT0455	H0118	29mm	STT0464	H1116	43mm	STT0473	H238	60mm	STT0482	H338	86mm
STT0446	H0058	16mm	STT0456	H0136	30mm	STT0465	H0134	44mm	STT0474	H212	64mm	STT0483	H312	89mm
STT0447	H0016	17mm	STT0457	H0114	32mm	STT0466	H1136	46mm	STT0475	H296	65mm	STT0484	H358	92mm
STT0448	H0034	19mm	STT0458	H0156	33mm	STT0467	H0178	48mm	STT0476	H258	67mm	STT0485	H334	95mm
STT0449	H2532	20mm	STT0459	H0138	35mm	STT0468	H0200	51mm	STT0477	H234	70mm	STT0486	H378	98mm
STT0451	H0078	22mm	STT0460	H0176	37mm	STT0469	H0216	52mm	STT0478	H278	73mm	STT0487	H400	102mm
STT0452	H1056	24mm	STT0461	H0112	38mm	STT0470	H0218	54mm	STT0479	H300	76mm	STT0489	H414	108mm
STT0453	H0100	25mm	STT0462	H0196	40mm	STT0471	H214	57mm	STT0480	H318	79mm	STT0490	H438	111mm
STT0454	H0116	27mm	STT0463	H0158	41mm	STT0472	H256	59mm	STT0481	H314	83mm	STT0491	H412	114mm
												STT0493	H500	127mm

ARBORS

- Furnished with 6.35mm (1/4") high speed steel pilot drill
- Set-screw in the body allows for easy replacement of the pilot drill
- Specify arbor by catalogue number to suit hole saw diameters



Part No.	Ref	Holesaw Ø	Screw Thread	Shank Size	Chuck Size
STT0005	A1	14-30mm	1/2"-20	8.75mm Hex	9.5mm
STT0010	A2	32-152mm	5/8"-18	11mm Hex	13mm
STT0020	A4	14-30mm	1/2"-20	6.5mm Round	6.5mm

ARBOR DRILL

- Held by set screw in arbor body
- Fits all Starrett hole saw arbors - except A4



Part No.	Ref	Size
STT0050	A014	6.5mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

TAP & DIE SET 20 PIECES - METRIC



- Heavy duty, heat treated taps & dies
- Precision machined to exacting standards
- Precision ground and polished surfaces
- Rust resistant
- Contents: taps & dies 3 x 0.5, 4 x 0.7, 5 x 0.8, 6 x 1.0, 7 x 1.0, 8 x 1.25,10 x 1.5, 12 x 1.75mm, 1/8 NPT - 27
- Die Stock
- Adjustable Tap Wrench (3 - 12mm)
- Carry case

Part No.	Size
HON8059	3-12mm

TAP & DIE SET - 41 PIECE



- A comprehensive set of professional taps and dies
- Supplied in a blow moulded PVC case
- All taps are right hand thread
- Set Contains:
  - T Handle Tap Wrench 0 - 6mm
  - 17 individual Hand Taps & Round Dies in sizes:
  - 3mm - 0.50mm, 4mm - 0.70mm, 4mm - 0.75mm
  - 5mm - 0.80mm, 5mm - 0.90mm, 6mm - 1.00mm
  - 7mm - 1.00mm, 8mm - 1.00mm, 8mm - 1.25mm
  - 9mm - 1.00mm, 9mm - 1.25mm, 10mm - 1.25mm
  - 10mm - 1.25mm, 10mm - 1.50mm, 11mm - 1.50mm
  - 12mm - 1.50mm, 12mm - 1.75mm, 1/8" - 28mm BSP
  - T Handle Tap Wrench 6 - 12mm
  - Type Tap Wrench 0 - 12mm
  - Die Holders for Round Dies of 13/16"Ø
  - Die Holders for Round Dies of 1"Ø
  - Die Holders for Round Dies of 1 1/2"Ø
  - Thread Pitch Gauge 16 leaves 0.35 - 3mm

Part No.	Size
GRO6548	3-12mm

TAP & DIE SET - 37 PIECE



- A comprehensive set of professional taps and dies
- Supplied in a sturdy wooden case
- All taps are right hand
- Set contains:
  - Metric Tap Sets: 6, 8, 10, 12, 14, 16, 18, 20mm
  - Round Dies: 6, 8, 10, 12, 14,16, 18, 20mm
  - Die Holders with an outer diameter of 1", 1-1/2", 2"
  - Double Bar Type Tap Wrenches: 2-6.3mm, 4,9-12mm

Part No.	Size
GRO6550	6-20mm

TAP & DIE CASED SET - CARBON STEEL



- For hand or machine tapping of through or blind holes

Part No.	Size
WAR9701010	M6-M24

CARBON STEEL HAND TAPS - SETS 3

- Taps are used for cutting internal threads in predetermined holes
- These perform best in materials where the cutting action results in chips which break up readily and do not present problems of chip disposal
- Taps are usually used in sets of 3 (taper, second and bottom)
- All taps are right hand
- Taper: Used to provide a quick and easy start, but this will not cut the thread down to the bottom of the hole
- Second: Used to increase the size of the cut
- Bottom: Used for follow through right to the bottom to obtain full depth of thread



Part No.	Size
GRO6555	M3 x 0,5 mm
GRO6558	M4 x 0,7 mm
GRO6559	M5 x 0,8 mm
GRO6560	M6 x 1,0 mm
GRO6562	M8 x 1,25 mm
GRO6563	M10 x 1,5 mm

Part No.	Size
GRO6564	M12 x 1,75 mm
GRO6565	M14 x 2,0 mm
GRO6567	M16 x 2,0 mm
GRO6568	M18 x 2,5 mm
GRO6570	M20 x 2,5 mm

SHORT HAND TAP SETS - METRIC FINE CARBON STEEL

- For general hand tapping



Part No.	Size
WAR9020800	MF8 x 1
WAR9021000	MF10 x 1
WAR9021010	MF10 x 1.25
WAR9021200	MF12 x 1
WAR9021210	MF12 x 1.25

Part No.	Size
WAR9021220	MF12 x 1.5
WAR9021400	MF14 x 1.25
WAR9021410	MF14 x 1.5
WAR9021600	MF16 x 1.5
WAR9022000	MF20 x 1.5

SHORT HAND TAP SETS - METRIC COARSE HSS

- For general hand tapping



Part No.	Size
SOM5010300	M3x0.5
SOM5010400	M4x0.7
SOM5010500	M5x0.8
SOM5010600	M6x1

Part No.	Size
SOM5010800	M8x1.25
SOM5011000	M10x1.5
SOM5011200	M12x1.75
SOM5012000	M20x2.5
SOM5012400	M24x3.0

GUN NOSE SHORT MACHINE TAPS METRIC COARSE - HSSE - V3

- For machine tapping of through holes



Part No.	Size
SOM5080300	M3x0.5
SOM5080400	M4x0.7
SOM5080500	M5x0.8
SOM5080600	M6x1

Part No.	Size
SOM5080800	M8x1.25
SOM5081000	M10x1.5
SOM5081200	M12x1.75

SHORT HAND TAP SETS - METRIC COARSE CARBON STEEL

- For general hand tapping



Part No.	Size
SOM9010500	M5 x 0.8
SOM9010600	M6 x 1
SOM9010800	M8 x 1.25
SOM9011000	M10 x 1.5

Part No.	Size
SOM9011200	M12 x 1.75
SOM9011600	M16 x 2
SOM9012000	M20 x 2.5

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SHORT HAND TAP SETS - METRIC COARSE CARBON STEEL

- For general hand tapping



Part No.	Size
WAR9010300	M3 x 0.5
WAR9010400	M4 x 0.7
WAR9010500	M5 x 0.8
WAR9010600	M6 x 1
WAR9010800	M8 x 1.25

Part No.	Size
WAR9011000	M10 x 1.5
WAR9011200	M12 x 1.75
WAR9011400	M14 x 2
WAR9011600	M16 x 2
WAR9011800	M18 x 2.5
WAR9012000	M20 x 2.5

SHORT HAND TAP SETS - BSP - G SERIES CARBON STEEL

- For general hand tapping



Part No.	Size
WAR9070320	1/8 x 28
WAR9070640	1/4 x 19
WAR9070950	3/8 x 19

Part No.	Size
WAR9071270	1/2 x 14
WAR9071910	3/4 x 14
WAR9072540	1" x 11

SHORT HAND TAP SETS - BSW - CARBON STEEL

- For general hand tapping



Part No.	Size
WAR9030640	1/4 x 20
WAR9030790	5/16 x 18
WAR9030950	3/8 x 16
WAR9031110	7/16 x 14
WAR9031270	1/2 x 12

Part No.	Size
WAR9031430	9/16 x 12
WAR9031590	5/8 x 11
WAR9031910	3/4 x 10
WAR9032220	7/8 x 9
WAR9032540	1" x 8

SHORT HAND TAP SETS - UNC - CARBON STEEL

- For general hand tapping



Part No.	Size
WAR9050640	1/4 x 20
WAR9050790	5/16 x 18
WAR9051110	7/16 x 14
WAR9051270	1/2 x 13

Part No.	Size
WAR9051590	5/8 x 11
WAR9051910	3/4 x 10
WAR9052540	1" x 8

SHORT HAND TAP SETS - UNF - CARBON STEEL

- For general hand tapping



Part No.	Size
WAR9060640	1/4" x 28
WAR9060790	5/16" x 24
WAR9060950	3/8" x 24
WAR9061110	7/16" x 20

Part No.	Size
WAR9061270	1/2" x 20
WAR9061590	5/8" x 18
WAR9062220	7/8" x 24
WAR9062540	1" x 25



HEXAGONAL DIE NUTS

- Dies are used for cutting external threads
- These are used as individual pieces, the same die being passed over the job many times to obtain clean threading
- Manufactured from carbon steel



Part No.	Size
GR01580	M3 x 0,5 mm
GR01585	M4 x 0,7 mm
GR01590	M5 x 0,8 mm
GR01595	M6 x 1,0 mm
GR01600	M8 x 1,25 mm

Part No.	Size
GR01605	M10 x 1,5 mm
GR01610	M12 x 1,75 mm
GR01615	M14 x 2,0 mm
GR01620	M16 x 2,0 mm
GR01625	M20 x 2,5 mm

DIE NUTS - METRIC COARSE - HSS

- For general purpose repairing or cleaning of threads



Part No.	Size
SOM5070500	M5x0.8
SOM5070600	M6x1
SOM5071000	M10x1.5
SOM5072000	M20x2.5

DIE NUTS - METRIC COARSE - CARBON STEEL

- For general purpose repairing or cleaning of threads



Part No.	Size
WAR9110500	M5 x 0.8
WAR9110600	M6 x 1
WAR9110800	M8 x 1.25
WAR9111000	M10 x 1.5

Part No.	Size
WAR9111200	M12 x 1.75
WAR9111400	M14 x 2
WAR9111600	M16 x 2
WAR9112000	M20 x 2.5

TAP WRENCH 'T' TYPE

- Ideal for taps, screw extractors, reamers etc.
- Sliding "T" handle allows for use in confined spaces
- Self-centering hardened steel jaws



Part No.	Size
GR06615	M2 - M5
GR06620	M4 - M6
GR06625	M6 - M10

TAP WRENCH 'T' TYPE RATCHET

- As standard "T" type wrench
- Ratchet feature can be set left, right or neutral
- Allows for ease of use in confined spaces



Part No.	Size
GR06612	M4 - M6
GR06613	M6 - M10

TAP WRENCH ADJUSTABLE BAR TYPE

- The straight handle design of these tap wrenches provides greater leverage, particularly useful when working with large diameter taps
- With zinc die cast body and hardened steel jaws, these have an exceptionally rugged construction
- Chrome plated handles with knurled ends provide a comfortable non-slip grip
- Larger sizes have a cross hole drilled on one end for easy tightening using a tommy bar



Part No.	Size
GR06600	M2 - M8
GR06605	M5 - M14
GR06610	M6 - M18

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

Gardening







Gardening

Products are designed for all gardening purposes. All products are fully tested and are tough enough to withstand the harsh South African climate.

Our latest range features products from tools to watering and irrigation systems, secateurs and pruners through to pressure sprayers and garden accessories.

Many products in our range have spare parts available. All products carry our full guarantee.



Hose Fittings & Accessories



Water Timer



Spray Guns & Nozzles



Sprinklers



Hose Pipe & Accessories



Pressure Sprayers



Garden Tools



Pruning & Bow Saws



Secateurs & Pruners



Shears



Loppers



Garden Accessories

RACO COMPATIBILITY

- All RACO accessories are compatible with 13mm & 19mm garden hoses, all taps and ***other click fit systems***
- High water volume
- Excellent durability
- Ideal for industrial irrigation and garden use

RACO BRASS QUICK-CONNECTOR COUPLING SYSTEM



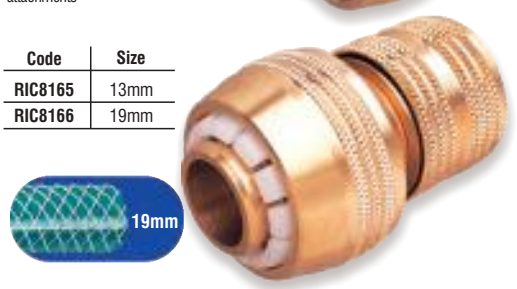


HOSE CONNECTOR QUICK-FIT - BRASS

- A range of heavy duty, universal couplers and accessories made from solid brass
- Each piece is finished and polished to exacting standards and is quality checked for excellence and lasting durability
- No threading, twisting or turning. Simply pull band back to open, release to close
- Instant coupling of hoses and attachments



Code	Size
RIC8165	13mm
RIC8166	19mm



HOSE MENDER - BRASS

- A range of heavy duty, universal couplers and accessories made from solid brass
- Each piece is finished and polished to exacting standards and is quality checked for excellence and lasting durability
- No threading, twisting or turning. Simply pull band back to open, release to close
- For repairing damaged hose section, or permanently connecting two lengths of hose





Code	Size
RIC8244	13mm
RIC8245	19mm

HOSE MENDER

- Galvanised barrel type ferrule
- With knock down clinchers



Code	Size
MAZ0750	13mm
MAZ0755	19mm



HOSE CONNECTOR/ COUPLER - BRASS

- Each piece is finished and polished to exacting standards and is quality checked for excellence and lasting durability
- Instant coupling of hoses and attachments



Code	Size
RIC8163	Fits All

FERRULE HOSE MENDER

- Galvanised barrel ferrules
- Suitable for 13mm and 19mm hose



Code	Size
MAZ0770	13mm
MAZ0775	19mm

HOSE MENDER KIT

- 13mm Galvanised barrel type ferrule
- 2 x Worm drive hose clamps



Code	Size
MAZ0700	13mm
MAZ0720	19mm

TAP ADAPTOR FEMALE - BRASS

- Each piece is finished and polished to exacting standards and is quality checked for excellence and lasting durability
- Instant coupling of hoses to taps

Code	Size
RIC9105	13mm
RIC9106	19mm



TAP ADAPTOR FEMALE - BRASSED

- Zinc die cast/brassed finish
- Screw on type
- Includes washer
- For rubber and plastic hose

Code	Size
MAZ1400	13 x 13mm
MAZ1410	16 x 13mm
MAZ1420	19 x 13mm
MAZ1430	19 x 19mm



TAP ADAPTOR MALE - BRASS

- Each piece is finished and polished to exacting standards and is quality checked for excellence and lasting durability

Code	Size
RIC9125	19mm



TAP ADAPTOR MALE - BRASSED

- Zinc die cast/brassed finish
- Fits most conventional sprayers and hose nozzles

Code	Size
MAZ1200	13mm
MAZ1220	19mm



SNAP-IN DUAL SHUT OFF BRASS - FIXED

- Conveniently splits a single water source
- Independent shut off valves

Code	Size
RIC8796	13x19mm



SNAP-IN DUAL SHUT OFF BRASS - SWIVEL

- Conveniently splits a single water source
- Independent shut off valves
- Swivel body

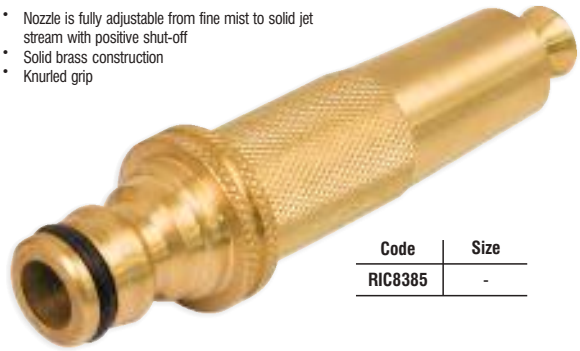
Code	Size
RIC8798	19x25mm



ADJUSTABLE NOZZLE - BRASS

- Nozzle is fully adjustable from fine mist to solid jet stream with positive shut-off
- Solid brass construction
- Knurled grip

Code	Size
RIC8385	-



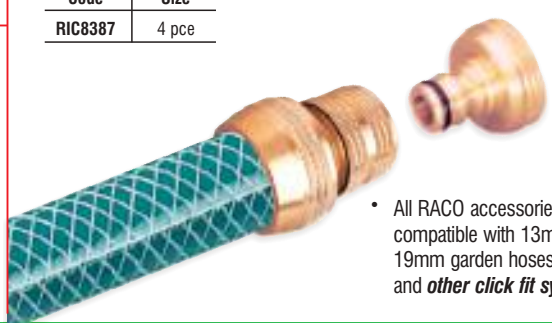
ADJUSTABLE NOZZLE BRASS - 4 PIECE SET

- Nozzle is fully adjustable from fine mist to solid jet stream with positive shut-off
- 4 piece set includes:
  - 13mm quick connector with automatic water stop
  - 13mm quick connector - standard
  - 19mm female tap adapter
  - Adjustable nozzle

13mm



Code	Size
RIC8387	4 pce



- All RACO accessories are compatible with 13mm & 19mm garden hoses, all taps and ***other click fit systems***

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE





RACO ORIGINAL QUICK-CONNECTOR COUPLING SYSTEM

- A range of lightweight, durable, universal hose fittings which are compatible with 13mm and 19mm garden hoses, all taps and ***other click fit systems***
- Manufactured from high quality UV resistant ABS plastic with no metal parts ensuring long lasting performance under tough South African Conditions
- Leak free
- Three jaw grip system provides positive, strong location between connectors
- Strong claws bite into the hose as the locking nut is tightened

RACO Expert Quality Guaranteed

HOSE CONNECTOR - STANDARD

- Three jaw grip provides positive location and a leak free connection





Code	Size
RIC8170	13mm (Sold on backing card)
RIC8171	13mm Sold loose

RACO Expert Quality Guaranteed

HOSE CONNECTOR - WATER STOP

- Automatically shuts off the water flow until an accessory is inserted



Code	Size
RIC8200	13mm

RACO Expert Quality Guaranteed

HOSE MENDER

- A quick and easy way to fix broken or leaking hoses



Code	Size
RIC8230	13mm

RACO Expert Quality Guaranteed

HOSE CONNECTOR - THREADED

- Male thread for adapting remote threaded connection
- Supplied with 19mm male fitting



Code	Size
RIC8190	19mm

RACO Expert Quality Guaranteed

HOSE CONNECTOR - STANDARD

- Three jaw grip provides positive location and a leak free connection





Code	Size
RIC8180	19mm

RACO Expert Quality Guaranteed

HOSE CONNECTOR - WATER STOP

- Automatically shuts off the water flow until an accessory is inserted



Code	Size
RIC8210	19mm

RACO Expert Quality Guaranteed

HOSE MENDER

- A quick and easy way to fix broken or leaking hoses



Code	Size
RIC8240	19mm

TAP ADAPTOR - FEMALE



- Manufactured from high quality UV resistant ABS
- Available in three sizes to suit any tap
- Most popular size 19mm (RIC9089) is available loose

Code	Size	Code	Size
RIC9060	13mm(Card)	RIC9100	25mm(Card)
RIC9090	19mm(Card)	RIC9089	19mm(Loose)

SNAP-IN DUAL SHUT-OFF - PLASTIC



- Turns one tap into two enabling different areas to be watered
- Control valves for fully adjustable flow rate and shut off

Code	Size
RIC8800	13x19mm

TAP ADAPTOR - FEMALE ASSEMBLY



- Manufactured from high quality UV resistant ABS
- Long lasting performance
- Leak free

Code	Size
RIC9050	13x19mm
RIC9070	19x25mm
RIC9080	16x19mm

WATER DISTRIBUTOR - 4 WAY

- Turns one tap into four enabling different areas to be watered
- Control valves for fully adjustable flow rate and shut off
- Can be used with Raco systems to increase flow volume
- Suitable for 19mm and 25mm taps

Code	Size
RIC9180	19x25mm



TAP ADAPTOR MALE



- Manufactured from high quality UV resistant ABS
- Long lasting performance
- Leak free
- For adapting the system of 19mm female threaded accessories

Code	Size
RIC9120	19mm

WATER TIMER - ELECTRONIC



- Save water by automatically controlling watering times
- Robust reliable function with simple and easy programming
- This unit features an exclusive double-control rotary knob for easy programming: one per minute; one per hour, each of the 12 preset cycles includes an automatic on/off
- Special raised buttons for operation of start and clear (delete)
- Water up to 8 times per day
- Water from 1 to 120 minute cycles
- Enables fully automatic control of garden sprinklers and drip systems
- *Running time approximately one year on 1 x 9V alkaline battery (not included)*

Only works with a 9V alkaline battery

Code	Size
RIC9188	19-25mm

TAP ADAPTOR RUBBER - ASSEMBLY



- With stainless steel hose clamp
- A universal tap adapter with stainless steel clamp
- Standard round or oval spout taps

Code	Size
RIC9130	16-19mm

HOSE CONNECTOR - COUPLER



- Ideal for extending hoses or connecting accessories
- Manufactured from high quality UV resistant ABS
- Long lasting performance & leak free

Code	Size
RIC8160	13mm

HOSE CONNECTOR COUPLER 3 WAY



- To divide water source in two directions
- For connecting a 19mm to 13mm hose
- Manufactured from high quality UV resistant ABS
- Long lasting performance & Leak free

Code	Size
RIC8010	13mm

WASHER SET



- Spare washers and 'O' rings for all Raco tap connectors
- System tap connectors
- 3 x washers - 3 x 'O' rings

Code	Size
RIC9170	6 Piece

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

NOZZLE - ADJUSTABLE



- A versatile nozzle for use anywhere around the garden and home
- Adjustable from a fine mist to a full stream or complete shut off
- Fits all universal quick-fit connector systems
- Tough, UV resistant ABS plastic construction is shock proof and leak free

Code	Size
RIC8370	125mm(Card)

NOZZLE - ADJUSTABLE 4 PIECE SET



- The same versatile nozzle as above supplied in a starter set comprising:
  - RIC8370 Adjustable Nozzle
  - 2 x RIC8170 13mm Hose Connector - Standard
  - RIC9050 13-19mm Female Tap Adaptor Assembly

Code	Size
RIC8380	4 Piece

NOZZLE SPRAY - ADJUSTABLE



- A versatile spray with 4 spray patterns - v-shape, flat jet, mist spray and soft spray
- Tough, UV resistant ABS body is shock proof and leak proof with a sure-grip ribbed body
- Fits all universal quick-fit connector systems

Code	Size
RIC8420	140mm

NOZZLE GUN - ADJUSTABLE



- Infinitely adjustable spray from hard jet to fine mist
- Tough, UV resistant ABS body is shock proof and leak proof with a sure-grip ribbed body
- Fits all universal quick-fit connector systems

Code	Size
RIC8405	-

NOZZLE GUN - METAL



- Heavy duty metal sprayer for watering and cleaning jobs
- Precision brass stem
- Rugged, heavy duty die cast metal body with rust proof finish
- Patented "Bow-type" grip covered with insulated soft-touch synthetic TPR rubber for a secure and comfortable grip
- Tough, impact and UV resistant ABS trigger is also covered with soft-touch synthetic TPR rubber for a secure and comfortable grip
- Smooth action adjustment nut for variable water flow from hard jet to fine mist
- Easy action thumb lock





Code	Size
RIC8390	-

1. Heavy duty die cast metal spray gun with soft-touch synthetic TPR rubber covering for a secure and comfortable grip
2. Suitable for water temp. up to 54°C and withstands water pressure up to 8.6 bars
3. Fully adjustable flow rate control
4. Easy thumb lock for continuous spraying

SPRAY - METAL 4 FUNCTION



- Multi-function spray with 4-way spray pattern for gentle shower to hard jet to fine mist
- Precision brass stem
- Rugged, heavy duty die cast metal body with rust proof finish
- Patented "Bow-type" grip covered with insulated soft-touch synthetic TPR rubber for a secure and comfortable grip
- Tough, impact and UV resistant ABS trigger is also covered with soft-touch synthetic TPR rubber for a secure and comfortable grip
- Easy action thumb lock





Code	Size
RIC8850	-

1. Heavy duty die cast metal spray gun with soft-touch synthetic TPR rubber covering for a secure and comfortable grip
2. Suitable for water temp. up to 54°C and withstands water pressure up to 8.6 bars
3. Fully adjustable flow rate control
4. Easy thumb lock for continuous spraying

SPRAY - HANDY FAN



- Wide angle, gentle spray for lawn or flower beds
- High impact and UV resistant plastic body with water-saving cut off valve
- Built in metal spike for unattended watering at any angle

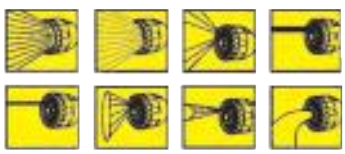
Code	Size
RIC8830	-

SPRAY GUN - MULTIPURPOSE - METAL

- Multipurpose metal sprayer for watering and cleaning jobs
- Eight different spray patterns; gentle spray, mist spray, cone spray, soft spray, hard jet, vertical spray, flat spray and bubble-jet
- Rugged, heavy duty die cast metal body with rust proof finish
- Sprayer head is protected with a soft TPR ring to prevent damage
- Complete with RACO "Original-Plus" 13mm hose connector



Code	Size
RIC8852	-



1. Heavy duty die cast metal spray gun with soft-touch synthetic TPR rubber covering for a secure and comfortable grip
2. Soft TPR trigger with convenient lock for continuous spraying
3. Press button to release trigger and turn off
4. Fully adjustable flow rate control
5. RACO "Profi-Plus " hose connector with sturdy metal ring and TPR grip supplied

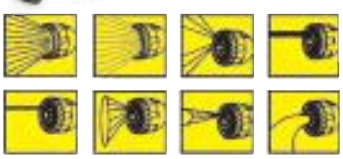


SPRAY GUN - MULTIPURPOSE - PLASTIC

- Multipurpose metal sprayer for watering and cleaning jobs
- Eight different spray patterns; gentle spray, mist spray, cone spray, soft spray, hard jet, vertical spray, flat spray and bubble-jet
- Tough, UV resistant ABS plastic construction is shock proof and leak proof
- Sprayer head is protected with a soft TPR ring to prevent damage
- Without connector



Code	Size
RIC8854	-



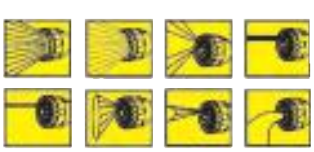
1. Trigger with convenient lock for continuous spraying
2. Press button to release trigger and turn off



LANCE SPRAY - MULTIPURPOSE

- Multipurpose metal sprayer for watering and cleaning jobs
- Long reach lance for watering high and inaccessible places
- Eight different spray patterns; gentle spray, mist spray, cone spray, soft spray, hard jet, vertical spray, flat spray and bubble-jet
- Single hand operation with infinitely adjustable flow
- Sprayer head is protected with a soft TPR ring to prevent damage

Code	Size
RIC8856	700mm





Comfortable ergonomic handle sure grip with soft TPR components for perfect handling

Ergonomic on/off & variable water flow control knob for simple and convenient single handed operation



SPRINKLER - OSCILLATING

- Designed for watering smaller rectangular areas
- Patented dirt resistant gear mechanism for wide and even water distribution
- Infinite adjustment of spray width from 16 spray jets
- Built in nozzle cleaner and filter for extra protection
- Impact and UV resistant ABS housing

Code	Size
RIC8913	425mm





Adjustable spray width





Built in water filter



Built in nozzle cleaner

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SPRINKLER - PYRAMID



- A popular, inexpensive sprinkler for any size garden
- Manufactured from tough, UV and impact resistant ABS plastic
- Shock proof and leak proof
- Even water distribution

Code	Size
RIC8953	150mmØ

SPRINKLER - SLED



- Simple, inexpensive sled base, non-adjustable sprinkler which delivers a fine spray over a circular area
- For watering smaller areas such as flower or vegetable beds
- Coverage area 65m²
- Range of spray 9mØ

Code	Size
RIC8955	150mm

SPRINKLER - STATIONARY - CIRCULAR



- For lawns or garden beds
- Supplied with built in spike for positive positioning
- Tough, UV and shock resistant ABS construction
- Circular spray head

Code	Size
RIC9020	-

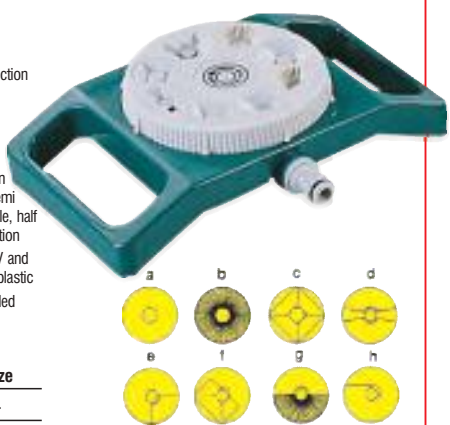
SPRINKLER - STATIONARY - WHIPPER



- For lawns or garden beds
- Supplied with built in spike for positive positioning
- Tough, UV and shock resistant ABS construction
- Whipper fan atomises water spray for fine, even distribution

Code	Size
RIC9030	-

SPRINKLER - 8 FUNCTION

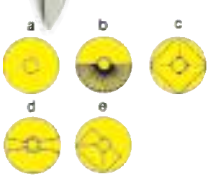


- Eight position dial selection for different watering patterns
- Provides even water penetration
- Covers 8 different lawn areas - strip, circle, semi circle, square, rectangle, half radiation and full radiation
- Manufactured from UV and impact resistant ABS plastic
- Compact and stable sled base

Code	Size
RIC9040	-

SPRINKLER - 5 FUNCTION





- One sprinkler suitable for 5 different area types
- Turn the sprinkler selector disc to a or b for round planted or decorative areas and c, d or e for areas along paths, narrow strips of lawn and flower beds
- Even distribution of water prevents puddles forming
- Positioning spike for stable application
- Manufactured from UV and impact resistant ABS plastic

Code	Size
RIC9038	-



SPRAY ROUND MIST



- Zinc die-cast
- Trouble free
- Ideal for medium water pressure

Code	Size
MAZ1050	-

SPRINKLER - SPIKE "MC" TYPE



- Suitable for sprinkling lawns
- Tandem spike base for stability whilst spraying
- Tough, UV and impact resistant ABS plastic construction
- Spike has integral double connection for use alone or in series (quick fitting plus 19mm male under cap on other side)

1/4 Circle Distribution

Code	Size
RIC8970	-

SPRINKLER - SPIKE CIRCULAR



- Suitable for sprinkling lawns
- Tandem spike base for stability whilst spraying
- Tough, UV and impact resistant ABS plastic construction
- Spike has integral double connection for use alone or in series (quick fitting plus 19mm male under cap on other side)

Full Circle Distribution

Code	Size
RIC8960	-

SPRINKLER - SPIKE ROTATING ADJUSTABLE (SINGLE NOZZLE)



- The rotating sprinkler has a single precision delivery nozzle
- The nozzle is adjustable and can be set to provide a medium or coarse spray or to adjust area of coverage
- Tandem spike base for stability whilst spraying
- Tough, UV and impact resistant ABS plastic construction
- Spike has integral double connection for use alone or in series (quick fitting plus 19mmmale under cap on other side)

Code	Size
RIC8958	-



SPRINKLER - AQUA GEAR DRIVE

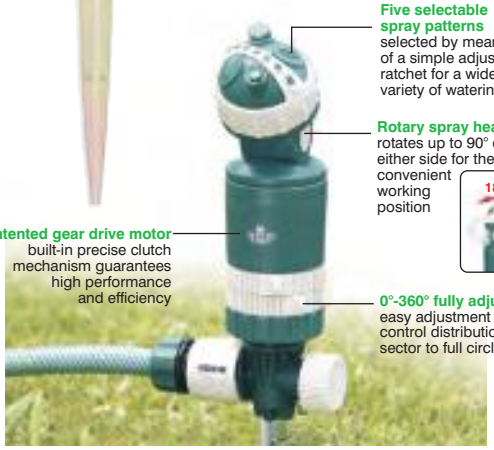


- A unique and innovative design that offers excellent area coverage and efficiency of water distribution
- The patented gear drive motor with precision clutch mechanism guarantees high performance and reliability
- Silent operation
- Fully adjustable from 0° to 360° circle coverage or continuous rotation
- 5 different spray patterns for a variety of watering options
- Rotary spray head rotates up to 90° on either side to allow for the most convenient watering position
- Ideal for medium to large gardens, lawns, turf, shrubs, flower beds and seedlings
- Sturdy rustproof metal spike with RACO System connector and end cap

Code	Size
RIC8886	-







SPRINKLER - SPIKE ROTATING ADJUSTABLE (TRIPLE NOZZLE)



- The rotating sprinkler has three precision delivery nozzles
- Each nozzle is adjustable and can be set to provide a medium or coarse spray or to adjust area of coverage
- Tandem spike base for stability whilst spraying
- Tough, UV and impact resistant ABS plastic construction
- Spike has integral double connection for use alone or in series (quick fitting plus 19mm male under cap on other side)

Code	Size
RIC9000	-

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SPRINKLER - METAL IMPULSE HEAD ONLY

- A full or part circle sprinkler covering up to 500m²
- Heavy duty, manufactured from rugged zinc metal alloy with a brass / stainless steel head with antique copper baked finish for extra durability
- Factory tested for reliability
- Standard 13mm male connection
- Stream length is adjustable from 3 - 12.5m radius
- Suitable for water pressure 20 to 100 PSI
- Adjustable nozzle baffle to control height and distance of spray
- Easy-to-clean nozzle - simply reverse flush with hose pipe



Code	Size
RIC8900	-



Distribution

SPRINKLER - METAL IMPULSE WITH STEP METAL SPIKE

- Same as RIC8900 except supplied with two-way heavy duty step metal spike with integral female connection



Code	Size
RIC8910	-



Distribution

SPRINKLER - PLASTIC IMPULSE HEAD ONLY

- A full or part circle sprinkler covering up to 380m²
- Manufactured from high impact, UV resistant POM-ABS plastic with brass fittings
- Fine adjustment mechanism
- Stream length is adjustable from 3 - 11.0m
- Suitable for water pressure 20 to 90 PSI
- Brass connector with standard 13mm male adaptor



Code	Size
RIC8940	-



Distribution

SPRINKLER - PLASTIC IMPULSE WITH METAL SPIKE

- Same as RIC8940 except supplied with metal spike with integral male quick fit connection



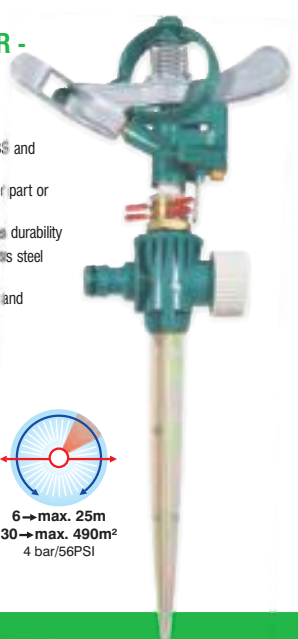
Code	Size
RIC8950	-
RIC8905	Spike Only



Distribution

SPRINKLER - IMPULSE

- Manufactured from sturdy metal, POM-ABS and brass
- Finely adjustable water distribution in either part or full circle
- Specially designed metal hammer prolongs durability
- Precision brass nozzle with strong, stainless steel adjustment rings
- Adjustable brass diffuser to control height and distribution
- Maximum coverage of 490m²



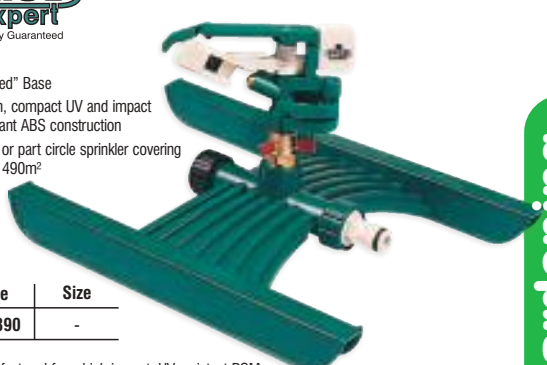
Code	Size
RIC8888	-



Distribution

SPRINKLER - BASE IMPULSE

- "H-Sled" Base
- Tough, compact UV and impact resistant ABS construction
- A full or part circle sprinkler covering up to 490m²



Code	Size
RIC8890	-

- Manufactured from high impact, UV resistant POM-ABS plastic with brass fittings
- Fine adjustment mechanism
- Stream length is adjustable from 3 - 11.0m
- Suitable for water pressure 20 to 90 PSI
- Standard 13mm male adaptor



Distribution

HOSE PIPE



- Made from high grade materials which are hard wearing and flexible
- Highly resistant to pressure
- Lightweight 3-ply construction with cross woven reinforcement is kink resistant and durable

Code	Size	Rating
RIC8250	12mm x 20m+ Fit'	6 Year
RIC8251	12mmx20m+Sprinkler	6 Year
RIC8253	12mm x 20m	6 Year
RIC8255	12mm x 30m	6 Year
RIC8260	12mm x 100m	6 Year
RIC8270	20mm x 30m	6 Year
RIC8280	20mm x 100m	6 Year
RIC8281	12mm x 30m	10 Year
RIC8282	12mm x 30m	10 Year



HOSE - BLACK DRAG LINE



- Used in irrigation and farming applications
- Tough, UV resistant multi-ply construction

Code	Size	Rating
RIC8289	20mm x 30m	10 Year

HOSE - SOAKER



- Non-roll fines for watering stability
- Simply connects to garden hose
- Can be used at low pressure to soak around plants
- Ideal for lawns, long narrow driveways, nature strips, hanging plants and garden beds

Code	Size
RIC8290	15m x 19mm
RIC8300	7.5m x 19mm

HOSE - HANGER PLASTIC



- Sturdy construction for long service life
- Holds up to 30m of 13mm hose with slots for accessories

Code	Size
RIC8220	-

HOSE - HOLDER METAL



- An inexpensive steel wall bracket that holds up to 30m of 13mm hose
- Clear lacquer finish for protection

Code	Size
RIC8225	-

HOSE TROLLEY CART & HOSEREEL



- A practical and simple way to transport and store hoses
- Well designed crank handle and stable stand
- Angled hose connection prevents hose from twisting when winding on and off
- Special guide prevents hose from kinking
- Rust and corrosion resistant
- Each item holds up to 60m of 13mm hose or 30m of 19mm hose
- Complete with connector accessories and assembly instructions
- With 2 RACO original tap connectots



Code	Size
RIC8312	Hose cart trolley
RIC8342	Hose reel

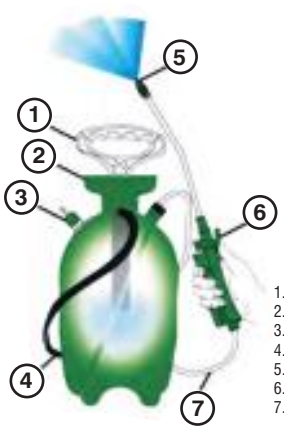
SPRAY - PRESSURE 6 & 8 LITRE



- Sturdy pressure sprayers available in 2 convenient sizes
- Ideal for spraying pesticides or fertilisers
- Solid and stable pressure resistant container with wide opening for easy filling
- Safety valve and manual pressure release
- Strong and comfortable pump handle for safe operation
- Lockable pump handle doubles up as a carry handle
- On/off easy-to-operate trigger control with lock on facility
- Built in filter
- Spray nozzle is fully adjustable from fine mist to single jet
- Long reach spray lance can be clipped into the pump handle for safe, easy storage
- Supplied with load bearing carry strap
- ***Spare parts are available***



Code	Size
RIC8880	6 Litre
RIC8881	8 Litre



1. Pump and carry handle
2. Wide opening for easy filling
3. Pressure release valve
4. Carry strap
5. Precision nozzle
6. On/off trigger
7. 1.5 metre hose

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SPRAY - TRIGGER 500ML & 1 LITRE



- Versatile pressure sprayer for home and garden
- Adjustable nozzle provides a choice of single jet through to fine mist
- Trigger action for easy one-hand action

Code	Size
RIC8882	500ml
RIC8883	1 Litre

SPRAY - PRESSURE 1.25 LITRE



- Versatile pressure sprayer for home and garden
- Adjustable nozzle provides a choice of single jet through to fine mist
- Filter in the suction pipe protects the nozzle from clogging
- Translucent blow moulded container with convenient one-hand trigger action

Code	Size
RIC8865	1.25 Litre

RAKE - LAWN PLASTIC - WOODEN HANDLE



- A rigid lawn rake manufactured from UV stabilised PVC
- Supplied with hardwood handle which is firmly attached to the leaf head
- Flexible tines gather leaves quickly and easily

Code	Size
RIC8482	1400 x 420mm

RAKE - LAWN PLASTIC - GREEN - STEEL HANDLE



- 26 strong, quality plastic tines, 43cm width
- Lightweight construction for ease of use and gentle to lawn surface
- 150cm tubular steel handle
- Supplied with handle and head separated

Code	Size
RIC8490	43 x 150cm

RAKE - LAWN STEEL FAN



- For large areas, raking up leaves, grass cuttings and all garden waste
- 15 tempered, round steel tines are adjustable from 17.5 - 55cm width
- Heavy gauge galvanised pressed steel frame
- Tubular steel handle with adjusting lever and vinyl grip

Code	Size
RIC8505	17.5 - 55 x 117.5cm

RAKE - LAWN RUBBER



- Hardwood handle is firmly attached to the leaf head
- Rubber tines are secured into a strong metal head
- Flexible tines gather leaves quickly and easily

Code	Size
DYN1050	40 x 127.5cm

RAKE - LAWN STEEL ADJUSTABLE



- 22 tempered flat spring steel tines, 45cm width
- Adjustable from continuous loop
- Supplied with handle locking 'U' Bolts
- ***Handle not supplied***

Code	Size
RIC8500	45cm

RAKE - ALL STEEL - 16 TOOTH



- Heavy gauge welded steel construction
- 16 tempered tines
- Powder coated for durability

Code	Size
DYN1040	39.5 x 131cm

RAKE - ROAD HEAVY DUTY



- Rake heads are fabricated from selected wear resistant steel
- To suit both domestic and commercial applications
- Complete with wooden handles

Code	Size
LAS2897	16 Tines
LAS2898	24 Tines

HAND TROWEL

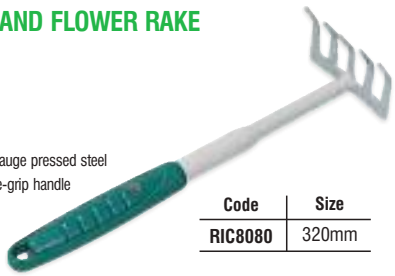
- Epoxy coated silver grey
- Working width 90mm
- Manufactured from heavy gauge pressed steel
- Tough, impact resistant sure-grip handle



Code	Size
RIC8110	310mm

HAND FLOWER RAKE

- Epoxy coated silver grey
- Working width 115mm
- Manufactured from heavy gauge pressed steel
- Tough, impact resistant sure-grip handle



Code	Size
RIC8080	320mm

HAND TROWEL (LONG HANDLE)

- Durable formed steel blade
- Ideal tool for preparing flower boxes and pot plants
- Long wooden handle



Code	Size
LAS2468	450mm

HAND CULTIVATOR

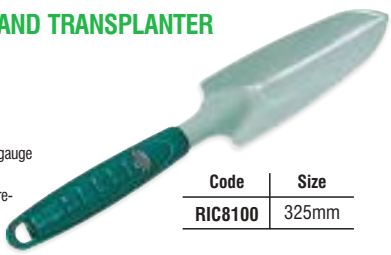
- Epoxy coated silver grey
- 3 pronged cultivator made from heavy gauge steel
- Working length 80mm
- Tough, impact resistant sure-grip handle



Code	Size
RIC8060	400mm

HAND TRANSPLANTER

- Epoxy coated silver grey
- Working width 57mm
- Manufactured from heavy gauge pressed steel
- Tough, impact resistant sure-grip handle



Code	Size
RIC8100	325mm

HAND WEEDING HOE

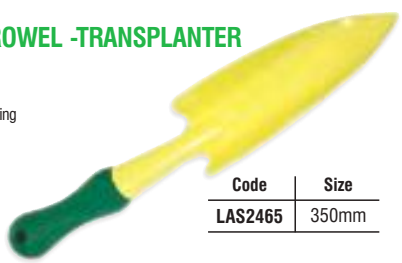
- Epoxy coated silver grey
- Double head tool comprising three 60mm prongs on one side and a 53mm draw hoe on the other side
- Manufactured from heavy gauge steel
- Tough, impact resistant sure-grip handle



Code	Size
RIC8140	320mm

TROWEL -TRANSPLANTER

- Ideal tool for transplanting of seedlings
- Polypropylene handle



Code	Size
LAS2465	350mm

HAND WEEDER

- Epoxy coated silver grey
- Manufactured from heavy gauge steel
- Tough, impact resistant sure-grip handle



Code	Size
RIC8120	330mm

HAND WEEDING FORK

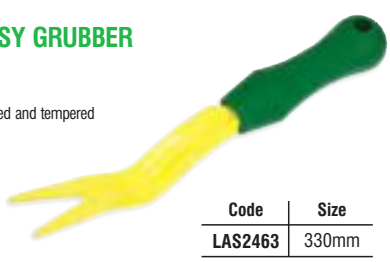
- Epoxy coated silver grey
- Working width 75mm
- Manufactured from heavy gauge pressed steel
- Tough, impact resistant sure-grip handle



Code	Size
RIC8130	315mm

DAISY GRUBBER

- Carbon steel blade, hardened and tempered
- For weeding flower beds
- Polypropylene handle



Code	Size
LAS2463	330mm

HAND FORK (LONG HANDLE)

- Durable formed steel tines
- Long wooden handle



Code	Size
LAS2467	450mm

HAND JOINT SCRAPER

- Hardened high carbon steel blade, fully heat treated with precisely sharpened cutting edges and clack enamel finish
- Blade length 90mm
- Tough, impact resistant sure-grip handle



Code	Size
RIC8090	260mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

FORK - LADIES

- Solid steel construction
- Comfortable plastic handle
- Size is suitable for lady gardener
- Epoxy powder coated for protection

Code	Size
DYN0900	930mm



10 PRONG BALLAST FORK

- Fork heads are forged from carbon steel
- Hardened and tempered to ensure maximum strength and toughness
- Used for crush stone work
- Anti corrosive black finish
- Clear lacquered wooden handle

Code	Size
LAS2460	1050mm



ROUND NOSE SHOVEL - STEEL SHAFT

- Easy-care wipe clean tubular steel shaft
- Comfortable plastic handle
- Blade is made of pressed steel and has a foot tread formed on the top edge

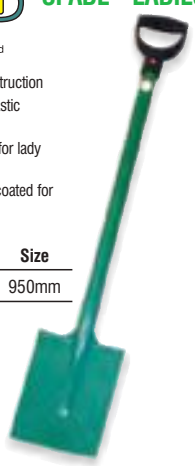
Code	Size
TIE9840	900mm



SPADE - LADIES

- Solid steel construction
- Comfortable plastic handle
- Size is suitable for lady gardener
- Epoxy powder coated for protection

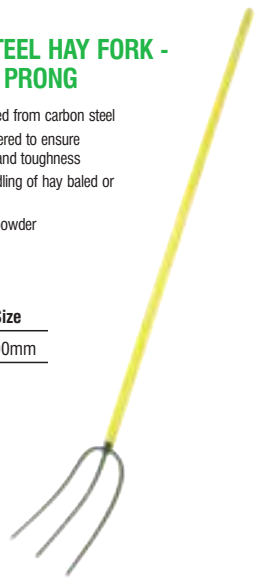
Code	Size
DYN1070	950mm



STEEL HAY FORK - 3 PRONG

- Fork heads are forged from carbon steel
- Hardened and tempered to ensure maximum strength and toughness
- Facilitates easy handling of hay baled or unbaled
- Steel shafts epoxy powder coated
- Green painted head

Code	Size
LAS2453	2100mm



SQUARE MOUTH SHOVEL

- Easy-care wipe clean tubular steel shaft
- Comfortable plastic handle
- Blade is made of pressed steel and has a foot tread formed on the top edge

Code	Size
TIE9845	900mm



4 PRONG DIGGING FORK

- Easy-care wipe clean tubular steel shaft
- Comfortable plastic handle
- Blades are heat treated and tempered for strength and are securely welded to the shaft

Code	Size
TIE9800	1000mm



DIGGING SPADE STEEL SHAFT

- Easy-care wipe clean tubular steel shaft
- Comfortable plastic handle
- Blade is made of pressed steel and has a foot tread formed on the top edge

Code	Size
TIE9850	900mm



RUBBER SQUEEGEE

- Complete with wooden handle
- Used to remove or control the flow of liquid on a flat surface

Code	Size
DYN1100	450mm
DYN1120	600mm



DUTCH HOE - ALL STEEL



- Hot formed from high quality carbon steel
- Hardened and tempered for maximum durability
- Epoxy Powder coated

Code	Length	Blade
LAS2665	1500mm	180mm

HANDLE PICK / MATTOCK WOODEN



- Standard grade
- For 3 kg pick, pick, axe, and mattock

Code	Length
HND0083	900mm

HOE HEAD - RAISED



- Hot formed from high quality carbon steel
- Hardened and tempered for maximum durability

Code	Weight
TIE9000	700g
TIE9020	900g

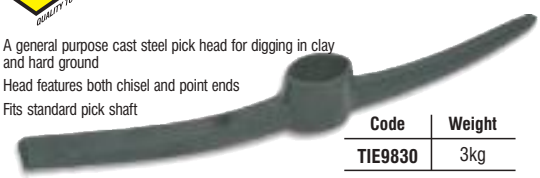
HANDLE PICK / MATTOCK PLASTIC



- Polypropylene
- For 3 kg pick, pick, axe, and mattock

Code	Weight
TIE9750	900mm

DIAMOND & CHISEL PICK - HEAD ONLY



- A general purpose cast steel pick head for digging in clay and hard ground
- Head features both chisel and point ends
- Fits standard pick shaft

Code	Weight
TIE9830	3kg

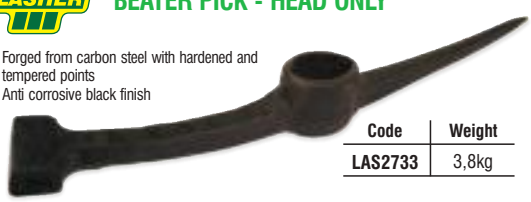
FELLING AXE



- Manufactured from carbon steel, carefully hardened and tempered
- The head is fully ground with polished cutting edges

Code	Weight
HON0520	1,82kg

BEATER PICK - HEAD ONLY



- Forged from carbon steel with hardened and tempered points
- Anti corrosive black finish

Code	Weight
LAS2733	3,8kg

FELLING AXE



- Axes are forged from the finest quality carbon steel
- Cutting edge hardened and tempered for maximum durability
- Hardwood hickory handle

Code	Weight
LAS2010	1,8kg

MATTOCKS PICK - HEAD ONLY



- Forged from carbon steel with hardened and tempered blades.
- Anti corrosive black finish

Code	Weight
LAS2705	2,25kg

GAUNTLET TOOLS FELLING AXE



- Spring Steel
- All steel construction
- Reinforced rubber covered handle

Code	Weight
GAU0003	1,8kg

MATTOCKS CUTTER - HEAD ONLY



- Forged from carbon steel with hardened and tempered blades.
- Anti corrosive black finish

Code	Weight
LAS2700	2,25kg

HATCHET AXE



- Manufactured from carbon steel, carefully hardened and tempered
- The head is fully ground with polished cutting edges

Code	Weight
HON0500	0,91kg

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

HATCHET - STEEL SHAFT

- One piece head and shaft
- Manufactured from carbon steel, carefully hardened and tempered
- The head is fully ground with polished cutting edges
- Comfortable rubber handle reduces shock



Code	Weight
MTS3430	600g

LONG AXE HANDLE - SOLID WOOD

- Standard grade
- For 1,8kg axe head (see below, left)



Code	Length
HND0005	900mm

HATCHET - PLASTIC HANDLE

- Hatchets are forged from the finest quality carbon tool steel
- Cutting edges are hardened and tempered for maximum durability
- Polypropylene handle



Code	Weight
LAS2004	900g

HATCHET HANDLE - SOLID WOOD

- Standard grade
- For 900g axe head



Code	Length
HND0065	400mm

HATCHET - STEEL SHAFT

- Hatchets are forged from the finest quality carbon tool steel
- Cutting edges are hardened and tempered for maximum durability
- All steel handle



Code	Weight
LAS2005	900g

HOE HANDLE - SOLID WOOD

- Standard grade
- 50mm Ø
- For head weight 700-900g



Code	Length
HND0070	1200mm

GAUNTLET TOOLS HATCHET - ALL STEEL

- Spring Steel
- All steel construction
- Reinforced rubber covered handle



Code	Weight
GAU0004	1,1kg

RAKE HANDLE - SOLID WOOD

- Standard grade
- 25mm Ø
- Hardwood handle with end tapered to fit rake head socket



Code	Length
HND0085	1500mm

PICK EYE AXE - HEAD ONLY

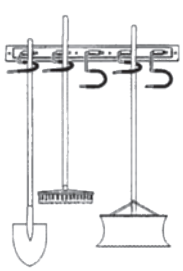
- Forged from carbon tool steel with cutting edge hardened and tempered for maximum durability
- Pick eye is made to fit onto pick or axe handle
- Used to cut hard wood and roots



Code	Weight
LAS2730	1,8kg

RACO Expert Quality Guaranteed TOOL RAIL

- Useful for storing tools in the house and garden
- Galvanised steel construction with 5 plastic coated hooks
- Complete with mounting screws





Code	Size
RIC9140	430mm

SICKLE - WOODEN HANDLE

- Wooden Handle
- Serrated carbon steel blade



Code	Size
HON8047	480mm

CANE KNIFE - HOOK PLASTIC HANDLE

- Manufactured from carbon steel, hardened and tempered
- Cutting edges ground + integral hook end
- Plastic handle
- Used mainly for cutting sugar cane
- Also for light brush cutting
- Finish: Etch coat black



Code	Blade Length
TIE9810	335mm

GRASS SLASHER

- Plastic Handle
- Carbon steel blade with honed cutting edge



Code	Length
HON8048	700mm

CANE KNIFE - HOOK

- Manufactured from carbon steel, hardened and tempered
- Cutting edges ground + integral hook end
- Wooden handle securely riveted to the blade
- Used mainly for cutting sugar cane
- Also for light brush cutting
- Finish: Etch coat black



Code	Blade Length
LAS2690	335mm

GRASS SLASHER

- Used for slashing grass and clearing undergrowth
- Tempered steel blade
- End of blade offset and sharpened
- Plastic handle



Code	Length
LAS3185	700mm

CORN KNIFE

- Durable polypropylene handle moulded directly onto blade
- Used for harvesting corn and general brush cutting



Code	Blade Length
LAS2675	370mm

SLASHER - DOUBLE EDGE

- A sturdy tool used in the forest industry for chopping dead branches and dense bush
- Complete with wooden handle



Code	Length
LAS3180	1220mm

HACKING KNIFE - PLASTIC HANDLE

- Hacking knives are forged from the finest quality carbon tool steel
- Hacking knives are used for cutting open old drums, roof sheeting and slitting sheet metal
- Epoxy powder coating and vinyl grip for safety



Code	Blade Length
LAS2680	220mm

CANE KNIFE - PLAIN PLASTIC HANDLE

- Standard pattern cane cutting knife
- Can be used for clearing undergrowth and light vegetation
- High quality steel blade
- Plastic handle, firmly bonded to blade



Code	Blade Length
TIE9815	335mm

LONG MACHETE - LONG HANDLE

- Manufactured from carbon steel hardened and tempered for durability
- Used for chopping down dense bush
- Durable polypropylene handle moulded directly onto blade



Code	Blade Length
LAS2708	380mm

CANE KNIFE - PLAIN

- Manufactured from carbon steel, hardened and tempered
- Cutting edges ground
- With short wooden handle securely riveted to the blade
- Used mainly for cutting sugar cane
- Also for light brush cutting
- Finish: Etch coat black



Code	Blade Length
LAS2670	335mm

PRUNING SAW - DOUBLE EDGE

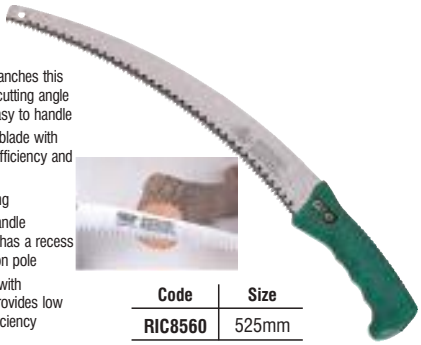
- Polypropylene handle mounted directly onto the double edged blade
- General household pruner



Code	Blade Length
LAS3085	400mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

PRUNING SAW - CURVED



- Suitable for cutting thick branches this curved blade with optimal cutting angle is extremely durable and easy to handle
- Specially hardened curved blade with hard point cross teeth for efficiency and long life
- Rust proof protective coating
- Comfortable, tough ABS handle guarantees a firm grip and has a recess to accept a 22mm extension pole
- 'Racotek-cut' unique blade with technology improvement provides low friction and high cutting efficiency

Code	Size
RIC8560	525mm

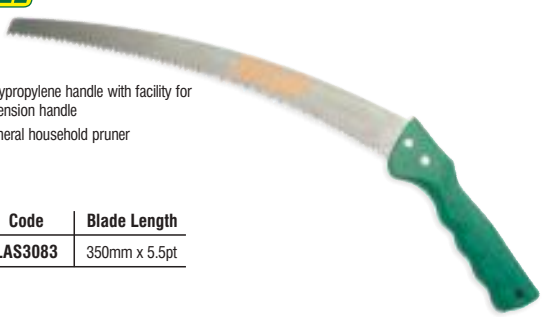
PRUNING SAW - FOLDING



- A handy pocket size saw with blade that folds into the handle
- **Extra strong sawing blade** is manufactured from high grade saw steel JIS SK4 (AISI L6, DIN 1.2718-1.2721) specially hardened and tempered for unmatched strength and durability
- **Professional sharp cut** - 3-sided tooth configuration and precision setting permits fast cutting on the "pull" stroke to reach overhead branches smoothly and safely
- Comfortable ergonomic handle - tough, compact ABS with soft touch grips for increased comfort and control
- 'Racotek-cut' unique blade with technology improvement provides low friction and high cutting efficiency

Code	Size
RIC8570	420mm

PRUNING SAW - CURVED



- Polypropylene handle with facility for extension handle
- General household pruner

Code	Blade Length
LAS3083	350mm x 5.5pt

PRUNING SAW - CURVED



- Epoxy powder coated socket (tubular) with facility to extend handle
- General purpose pruning in forests

Code	Blade Length
LAS3086	350mm x 5.5pt

TREE PRUNER



- Expert quality, heavy duty pruner preferred by professionals
- Special mechanism with strong, rigid construction for long life under the toughest conditions
- Hardened, heavy duty steel head is operated by means of a nylon rope through a pulley mechanism
- Strong cutting blade is forged from high grade Sk5 steel which is fully heat treated, precision ground and Hitekflon® coated for friction and rust resistance
- For larger branches the pruner is supplied complete with a removable 350mm saw blade manufactured from tempered, high grade saw steel with precision set teeth
- A tubular extension handle is available (RIC8150) see below





Code	Size
RIC9150	350mm

HANDLE - TUBULAR TELESCOPIC

- Two section telescopic action, extending from 1.5 - 2.4m with a simple lock/release twist
- Manufactured from strong, lightweight aluminium
- Compatible with RIC9150 Tree Pruner (above)





Code	Size
RIC8150	1.5 - 2.4m

BOW SAWS

- Epoxy powder coated frame supplied complete with blade
- General purpose lever action saw for pruning
- Regular peg tooth blade

Code	Size
MTS4011	530mm



Code	Size
MTS4012	600mm



Code	Size
MTS4013	750mm



Code	Size
MTS4014	900mm





Code	Size
MTS1760	530mm
MTS1761	600mm
MTS1762	750mm
MTS1763	900mm

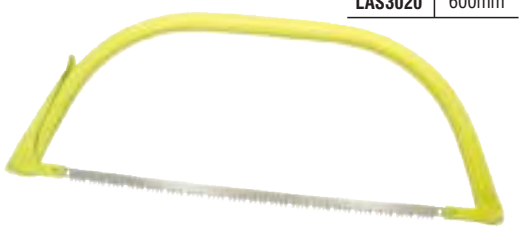
BOW SAWS

- Heavy duty epoxy coated frame supplied complete with 31A tooth bowsaw blade
- General purpose sawing of logs, mine props etc.

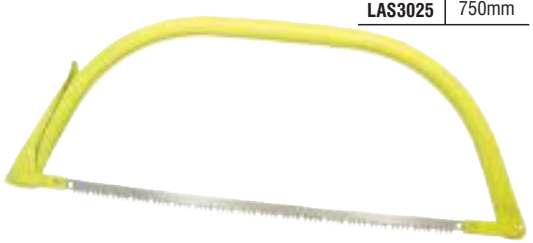
Code	Size
LAS3015	530mm



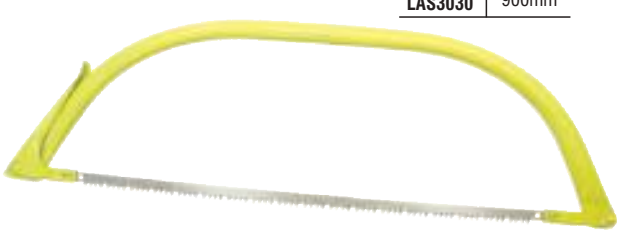
Code	Size
LAS3020	600mm

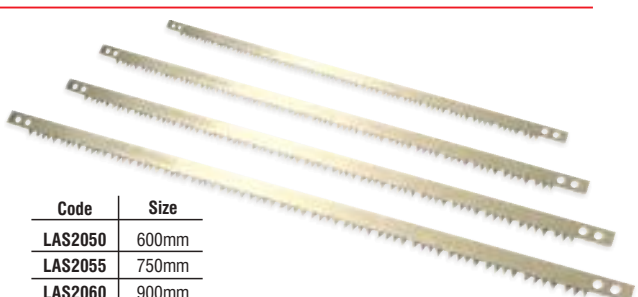


Code	Size
LAS3025	750mm



Code	Size
LAS3030	900mm





Code	Size
LAS2050	600mm
LAS2055	750mm
LAS2060	900mm
LAS2065	530mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SECATEURS AND SHEARS

- Expert quality, economy and professional secateurs and shears are manufactured from quality materials and finishes for years of trouble free use
- Ergonomic styling for comfort and ease of use
- Hardened and tempered blades are precisely ground and sharpened
- Certain blades are coated with Hitekflon®, a superior non-stick coating applied to German techniques and standards
- Spring loaded handles are fitted with safety catches in most cases
- Spare parts are available for most models

SECATEURS - HEAVY DUTY

- Standard quality shear with adjustable gear and replaceable blade
- Hardened high grade steel blades are fully heat treated, precisely ground and sharpened for easy cuts
- Heavy duty aluminium handles have a tempered spring and comfortable vinyl grips and safety lock



Code	Size
RIC8608	210mm

SECATEURS - ECONOMY

- Economy grade shear
- Hardened high grade steel blades are fully heat treated, precisely ground and sharpened for easy cuts
- Spring loaded aluminium handles have comfortable vinyl grips and safety lock



Code	Size
RIC8610	205mm

SECATEURS - HEAVY DUTY

- Expert quality, heavy duty bypass performance
- Exclusive patented Soft-Air-Bulb grips for maximum performance and comfort
- Handles are lifetime moulded to tangs and feature a positive safety lock and wrist strap
- Fully hardened high grade steel blades with friction free, rust resistant Hitekflon® coating are precision ground and sharpened for lasting clean cuts



Code	Size
RIC8620	200mm

BYPASS PRUNING SHEAR

- Non-slip cushion grips for comfort
- Precision ground blades
- Precision micro-adjustable blade tension
- Rubber buffer for cushioned stop
- Safety catch



Code	Size
RIC8763	200mm

BYPASS PRUNING SHEAR

- For general home gardens
- Aluminium body
- High quality, replaceable blade
- Plastic covered comfort handles



Code	Size
VIC3380	210mm

SECATEURS - FLOWER

- Expert quality, ideal ladies or pocket shear
- Hardened high grade steel blades with friction free, rust resistant Hitekflon® coating are precision ground and sharpened for lasting clean cuts
- Pointed blades for flower arrangers
- Heavy duty handles are moulded to blade tangs with easy action thumb lock and wrist strap



Code	Size
RIC8600	175mm

POCKET SECATEURS - FLOWER

- Classic pocket design with pointed blades for flower arrangers, hobbyists or household use
- Hardened stainless steel blades with precision ground, specially serrated edge on lower blade to make cutting easy
- Sturdy metal handles with comfortable soft grips
- Single hand operated safety lock



Code	Size
RIC8625	150mm

PRUNER - PROFESSIONAL PROFI-PLUS RANGE

- Traditional design secateurs for pruning and training of vines and fruit trees
- Very robust design for high performance, professional use
- Full-piece forged steel alloy construction is fully heat treated with tapered cutting head and precision ground blades ensure a precise, powerful cut
- Blades can be re-sharpened
- Comfortable non-slip cushioned grips
- Single hand operated safety lock



Code	Size
RIC8685	220mm

SHEAR - PRUNING HEAVY DUTY

- Expert quality, heavy duty shear suitable for hobbyists and professionals
- Fully hardened high grade steel blades with friction free, rust resistant Hitekflon® coating are precision ground and sharpened for lasting clean cuts
- Precise adjustable blade mechanism for constant even cuts
- Upper blade is easily replaceable
- Heavy duty aluminium handles have a tempered spring and comfortable vinyl grips and safety lock



Code	Size
RIC8765	210mm

SHEAR - PRUNING HEAVY DUTY

- These expert quality secateurs with sure cut have hardened, high grade steel blades with friction free, rust resistant Raco Hitekflon® finish
- Precisely sharpened blade for an easy clean cut
- Comfortable synthetic soft TPR rubber covered handles are non-slip
- Convenient thumb operated safety lock
- With practical wrist strap



Code	Size
RIC8780	210mm

SHEAR - GRASS, SINGLE ACTION

- Expert quality, lightweight but sturdy hand shear with single action for optimised cutting performance
- High grade steel blades are hollow ground, fully hardened and tempered with friction free, rust resistant non-stick coating
- Compact and comfortable ABS handles with double thumb locks
- Easy work for right and left handed users



Code	Size
RIC8690	355mm

SECATEURS RATCHET - HEAVY DUTY

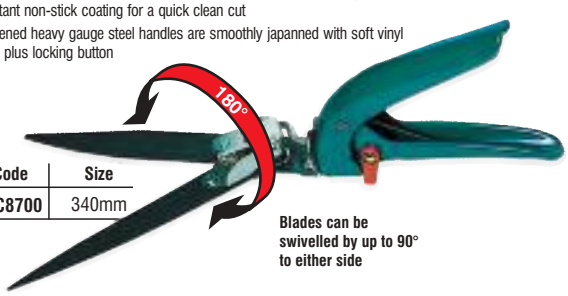
- Ratchet mechanism for easier and improved cutting
- Comfortable handle with unique bow-type grip
- Hardened high grade steel blade with Raco Hitekflon® finish is precisely ground and sharpened for long lasting cuts
- Heavy duty aluminium handles with soft TPR rubber grip
- Safety lock device is easily operated by the left or right hand
- Special with removable oil soaked sponge stored in handle



Code	Size
RIC8622	200mm

SHEAR - GRASS SWIVEL HANDLE

- Swivel blade action shear with three cutting positions for vertical, horizontal and diagonal cutting
- High grade steel blades are hollow ground, fully hardened and tempered with friction free, rust resistant non-stick coating for a quick clean cut
- Hardened heavy gauge steel handles are smoothly japanned with soft vinyl grips plus locking button



Code	Size
RIC8700	340mm

Blades can be swivelled by up to 90° to either side

SNIPS - UNIVERSAL STAINLESS

- Sturdy, handy pocket cutter suitable for many garden jobs, cutting sheet metal, cables, carpet, leather, rubber etc.
- Hardened stainless steel blades are mirror polished and the bottom blade has a serrated edge to improve grip during cutting
- Tough ABS plastic handles are spring loaded and incorporate a lock for easy one-hand operation



Code	Size
RIC8810	190mm

SHEAR - SHEEP

- Handy sheep shears for trimming garden bed edges and weeds
- Carbon steel blades with a spring steel handle



Code	Size
MTS4590	310mm

SHEAR - GRAPE



- Expert quality, stainless steel blades, precisely ground and sharpened for a clean cut
- Hardened steel handles are chrome plated and spring loaded with comfortable ergonomic vinyl grips
- Safety working loop
- Ideal for grape and other fruit harvesting



Code	Size
RIC8680	190mm

SHEAR - SHEEP

- For trimming of lawn edges
- Cutting very light grasses
- Two high quality blades joined at the back with a strong steel spring



Code	Size
VIC3390	310mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

HIGH GRADE HEDGE SHEARS

- Expert quality, perfectly balanced, lightweight shears with improved lever action for easier cutting
- High grade steel blades are fully hardened, tempered, hollow ground and coated with Hitekflon®, a superior non-stick coating applied to German techniques and standards
- Adjustable blade tensioning feature on most models
- Durable shock absorbing bumper on most models

SHEAR - HEDGE STRAIGHT CUT

- General-purpose shears for all types of soft hedges and grasses in the garden
- Comfortable rubber handles reduce shock
- Carbon steel blades for prolonged use between sharpening

Code	Size
RIC8718	500mm



SHEAR - HEDGE - ALL METAL

Quality Guaranteed

- Wave edged blades for trimming and shaping of shrubs and hedges
- Lightweight, suitable for ladies
- Oval shaped, lightweight aluminium handles for tensile strength and increased leverage



Code	Size
RIC8710	550mm

SHEAR - HEDGE PROFESSIONAL

Quality Guaranteed

- Professional quality shears with superior features for trimming and shaping of shrubs and hedges
- Precisely adjustable mechanism for constant even cut
- Deluxe shock absorbers for increased comfort
- Oval shaped, lightweight aluminium handles for tensile strength and increased leverage



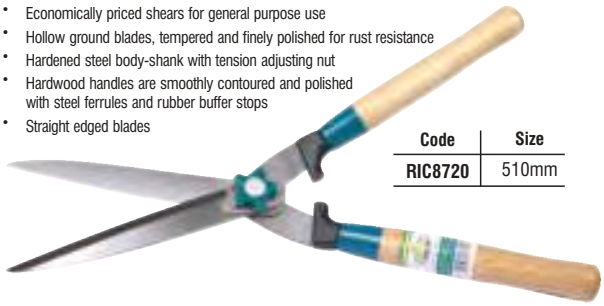
Code	Size
RIC8715	600mm

SHEAR - HEDGE STRAIGHT CUT

Quality Guaranteed

- Economically priced shears for general purpose use
- Hollow ground blades, tempered and finely polished for rust resistance
- Hardened steel body-shank with tension adjusting nut
- Hardwood handles are smoothly contoured and polished with steel ferrules and rubber buffer stops
- Straight edged blades

Code	Size
RIC8720	510mm

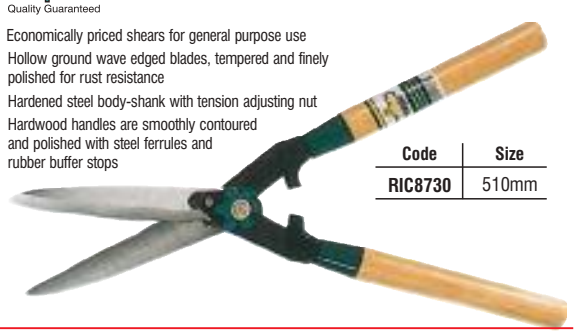


SHEAR - HEDGE WAVE CUT

Quality Guaranteed

- Economically priced shears for general purpose use
- Hollow ground wave edged blades, tempered and finely polished for rust resistance
- Hardened steel body-shank with tension adjusting nut
- Hardwood handles are smoothly contoured and polished with steel ferrules and rubber buffer stops

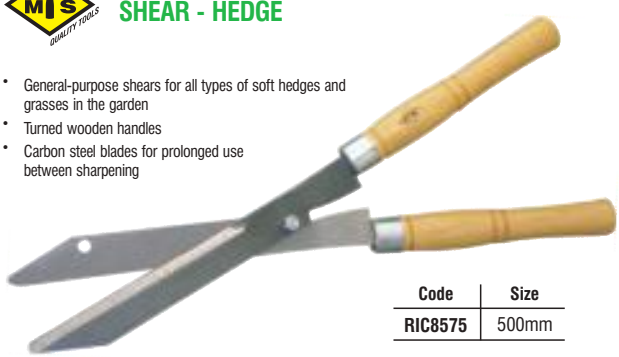
Code	Size
RIC8730	510mm



SHEAR - HEDGE

- General-purpose shears for all types of soft hedges and grasses in the garden
- Turned wooden handles
- Carbon steel blades for prolonged use between sharpening

Code	Size
RIC8575	500mm



HEDGE SHEAR - DELUXE

- Durable polypropylene handle with hardened and tempered blades made from high quality chrome vanadium steel
- For trimming hedges, bush, shrubs and light duty pruning

Code	Size
LAS3150	500mm



LOPPING SHEARS

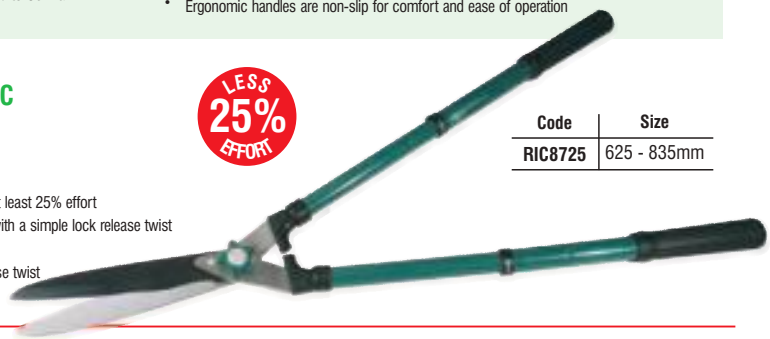
- A range of professional shears with precision ground blades
- Blades are coated with Hitekflon®, a superior non-stick coating applied to German techniques and standards
- All shears have strong, lightweight aluminium lever arms
- Long lever arms are oval shaped to ensure tensile strength and good leverage on tough branches
- Ergonomic handles are non-slip for comfort and ease of operation

SHEAR - HEDGE TELESCOPIC

LESS 25% EFFORT

- Wave edged blades with superior non-stick coating
- With RACO patented ergonomics cutting technology mechanism saves at least 25% effort
- Telescopic action tubular steel handles extend from 625mm to 835mm with a simple lock release twist
- Comfortable soft touch grips reduce shock
- Lightweight telescopic aluminium handles with a simple, quick lock/release twist

Code	Size
RIC8725	625 - 835mm



SHEAR - LOPPING HEAVY DUTY ANVIL TYPE

40mm

- Expert quality, extra heavy duty pattern preferred by professionals for long life under the toughest conditions for years of trouble free use
- Adjustable hard-chrome plated anvil for power level cutting action
- Hardened and heat treated precision ground blades with Hitekflon® coating for friction free cutting and lasting sharpness
- Heavy duty body shank is heat treated and hard chrome finished for corrosion protection
- Cuts branches up to 40mm
- Anvil hook helps keep branch in place while cutting
- Heavy duty anvil pattern for cutting hard dry dead wood or thick branches

Code	Size
RIC8735	800mm

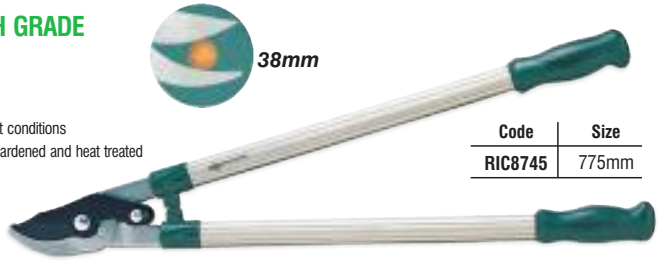


SHEAR - LOPPING - HOOK, HIGH GRADE

38mm

- Expert quality, heavy duty pattern preferred by professionals
- Bypass technology with strong, rigid construction for long life under the toughest conditions
- Heavy duty hook and blade are drop forged from high grade steel and are fully hardened and heat treated
- Hitekflon® coating allows for friction free cutting and lasting sharpness
- Body is heat treated and hard chrome finished for corrosion protection
- Cuts branches up to 38mm
- Unique high leverage for easier cutting

Code	Size
RIC8745	775mm

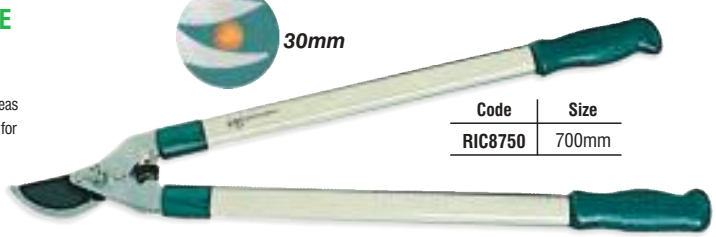


SHEAR - LOPPING HOOK TYPE

30mm

- Expert quality, bypass technology for clean, easy cutting in hard-to-reach areas
- Hardened and heat treated precision ground blades with Hitekflon® coating for friction free cutting and lasting sharpness
- Hardened and heat treated, heavy duty body shank
- Cuts branches up to 30mm
- Rubber shock absorbers
- Bypass lopper for pruning green wood
- Small cutting head for easy access to hidden branches

Code	Size
RIC8750	700mm

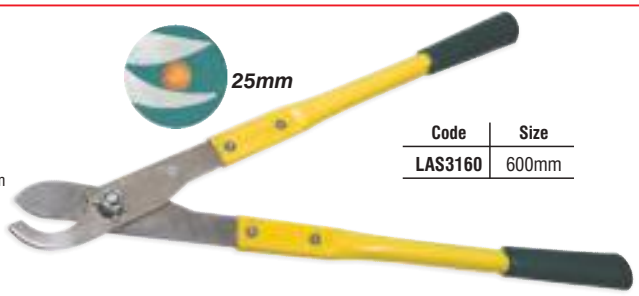


LOPPING SHEAR - DELUXE

25mm

- Durable long polypropylene handle with PVC grips
- Hardened and tempered blades made from high quality chrome vanadium steel
- For pruning rose bushes, twigs and other branches to a maximum diameter of 25mm

Code	Size
LAS3160	600mm



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SHEAR - LOPPING HAND

- Powerful, handy and lightweight lopper
- Bypass lopper with small cutting head for easy access to hidden branches
- Hardened, precision ground blades with non-stick RACO Hitekflon® coating guarantees clean, easy and precise cutting
- Anodised oval aluminium handles are ergonomically shaped and lightweight with shaped comfort grips

Code	Size
RIC8708	470mm



SHEAR - LOPPING MINI

- Practical, lightweight mini lopping shear for easy cutting
- Hardened precision blade made of high grade steel
- Sturdy oval aluminium lever arms provide strong, convenient working and a firm grip
- Very handy for ladies cutting fresh wood

Code	Size
RIC8752	465mm



SHEAR - LOPPING PROFESSIONAL BYPASS

- Hardened, high grade steel blades, precision hollow ground for long lasting sharpness
- Both blades have friction free, rust resistant non-stick coating
- Replaceable cutting blades
- Adjustable blade tension for a constant sure cut
- Advanced technology allows for a mechanism that is 20% energy saving compared to traditional mechanisms ensuring a smooth easy cut
- Deluxe shock absorbers reduce fatigue and are gentle on the wrists
- Lightweight but strong anodised aluminium lever arms are oval shaped for high tensile strength and improved leverage
- Unique non-slip jumbo sized handles with ergonomically shaped comfortable grips
- Cuts branches up to 45mm thick

Code	Size
RIC8755	825mm





SHEAR - LOPPING TELESCOPIC

- Telescopic tubular steel handles extend from 625 - 950mm with a simple lock/release twist
- Comfortable soft touch form grips absorb shock
- Heavy duty bypass pattern with power level cutting action for cutting green wood and bushes
- Rigid telescopic tubular steel handles giving the best ergonomics balance, with non-slip comfort vinyl grips
- Hardened, hard-chrome plated steel body-shank

Code	Size
RIC8760	625 - 950mm



NYLON CUTTING LINE



- Long lasting nylon monofilament line
- Suitable for all makes of petrol and electric weed eaters and trimmers

Code	Size	Colour
RIC8440	1.6mm x 10m	Red
RIC8445	2.0mm x 100m	Orange
RIC8450	2.0mm x 10m	Orange
RIC8451	2.4mm x 6m	Green
RIC8452	2.4mm x 50m	Green

RAIN GAUGE METAL STAND



- Strong, steel construction
- Powder coated for protection
- Holds standard 100mm diameter PVC rain gauge

Code	Size
RIC9348	1m

LAWN EDGES - PLASTIC



- Gives a clean edge to lawns, prevents overgrowth and stops beds being cut larger
- Made from tough plastic which is resistant to the elements and nylon trim line
- Corrugated for strength and rigidity



Code	Size
RIC8350	15cm x 9m
RIC8360	20cm x 9m

RAIN GAUGE -100MM



- UV resistant PVC rain gauge
- Clearly marked graduations on main body up to 100mm rainfall
- Removable funnel lid
- Supplied with fixing bracket and screws

Code	Size
RIC9350	100mm

3-IN-1 SOIL TESTER



- Tester for checking sol PH level, moisture content and light intensity
- The tester comprises two 210mm long probes, three way selector switch (PH/Moisture/Light) and easy-to-read dial gauge
- ***Uses solar power, no batteries required***

Code	Size
RIC9134	-

GARDEN SCOOPS - SMALL, MEDIUM & LARGE



- Handy plastic scoops for use around the garden and home for scooping seed, pet food, soil, compost etc.
- Ergonomic design moulded from tough, high quality plastic with comfortable handle

Code	Size
RIC8576	Small
RIC8577	Medium
RIC8578	Large

TWIST TIE WIRE



- A lightweight plastic coated wire for home and garden use
- Twist tie dispenser with wire cutter
- Strong, waterproof and flexible

Code	Size
RIC9160	20m

GARDEN WALL NAILS



- Hardened steel nails
- Use for training creepers
- Supporting plants, trees etc.
- Complete with mild steel galvanised clips
- Supplied in packs of 15

Code	Size
MAZ1000	30mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

General Tools



General Tools

From professional contractors to weekend hobbyists, our massive range of General Hand Tools is suitable for just about any job.

Builders, plumbers, mechanics, carpenters, engineers and more can find quality, branded hand tools that are tough and guaranteed for life.

Browse through hundreds of products that have been carefully selected to offer you just the right hand tool for any job.



Screwdrivers



Allen Keys



Pliers, Cutters & Snips



Bolt Cutters



Wrenches & Shifters



Hammers



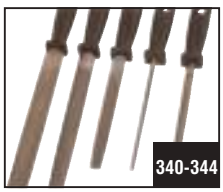
Chisels & Bars



Punches



Wood Chisels & Planes



Files & Rasps



Hand Drills



Saws & Blades



Scissors, Knives & Cutters



Riveters & Rivets



Staple Guns & Staples



Glue Guns



Caulking Guns



Painting & Decorating



Builder's Tools



Blowtorches



Plumber's Tools



Tiling Tools



Soldering & Brazing



Vices & Clamps



Wire Brushes & Wheels



Wire Stretchers

SCREWDRIVER - D-CLASSIC MECHANICS PATTERN 35527H

- Professional quality mechanics pattern screwdrivers combine comfort and durability to drive screws tighter with less effort
- Heavy round shank blades made of high quality chrome vanadium steel hardened, tempered and satin chrome finish
- Standard tips are precisely cross ground with BLACK-POINT for perfect grip and fit
- Generous size handle is manufactured from high quality translucent PVC with a comfortable grip
- All blades have magnetic tips for screw holding

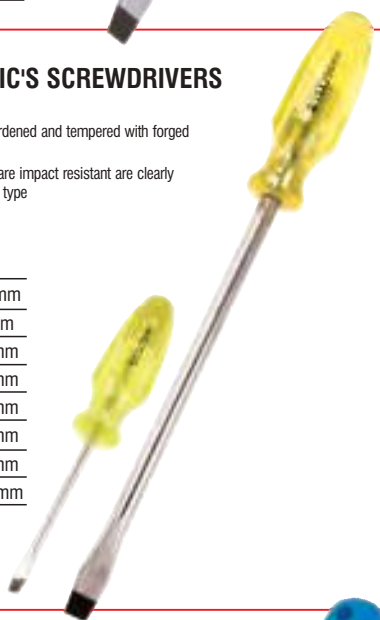
Code	Size
RIC3240	6 x 38mm
RIC3250	6 X 100mm
RIC3255	6 x 150mm
RIC3260	8 x 150mm
RIC3270	8 x 200mm



MECHANIC'S SCREWDRIVERS

- Round steel bars are fully hardened and tempered with forged and ground black tips
- Comfortable plastic handles are impact resistant are clearly indicate screwdriver size and type

Code	Size
MTS4310	3.5 x 75mm
MTS4315	4 x 75mm
MTS4318	4 x 100mm
MTS4320	6 x 100mm
MTS4322	6 x 150mm
MTS4325	8 x 150mm
MTS4327	8 x 200mm
MTS4330	10 x 200mm



SCREWDRIVER - MECHANIC'S 150MS-400N

- For slotted screws
- Round blade made from CHROME VANADIUM MOLYBDENUM steel
- Chrome plated
- Satin finish

Code	Size
GED36861	5.5 x 125mm
GED36684	6.5 x 150mm
GED36685	8 x 175mm
GED36862	10 x 200mm



SCREWDRIVER - MECHANIC'S - CLASSIC

- For slotted screws
- Round, chrome plated blade made from high quality bits material
- Tip: DIN 5264-A, ISO 2380
- Kraftform handle black, one component
- Hexagon shoulder prevents tool roll
- Black point tip blade for accurate dimensions

Code	Size
WEA8013B	6.5 x 100mm
WEA8040B	6.5 x 125mm
WEA8014B	6.5 x 150mm
WEA8015B	6.5 x 200mm
WEA8032B	8 x 100mm
WEA8044B	8 x 125mm
WEA8016B	8 x 150mm
WEA8017B	8 x 200mm
WEA8018B	8 x 250mm
WEA8019B	10 x 150mm
WEA8020B	10 x 200mm
WEA8021B	10 x 250mm
WEA8022B	10 x 300mm



SCREWDRIVER – MECHANIC – BLACK POINT

- For slotted screws
- Round, chrome plated blade made from high quality bits material
- Tip: DIN 5264-A, ISO 2380
- Kraftform handle of high impact cellulose acetate
- Hexagon shoulder prevents tool roll, one component
- Black point tip blade for accurate dimensions

Code	Size
WEA6013C	6.5 x 100mm
WEA6040C	6.5 x 125mm
WEA6014C	6.5 x 150mm
WEA6043C	6.5 x 175mm
WEA6044C	8 x 125mm
WEA6016C	8 x 150mm
WEA6041C	8 x 175mm
WEA6017C	8 x 200mm
WEA6019C	10 x 150mm
WEA6042C	10 x 175mm
WEA6020C	10 x 200mm
WEA6021C	10 x 250mm
WEA6045C	12 x 200mm
WEA6047C	12 x 300mm



SCREWDRIVER – WORKSHOP DRALL 4620-1

- DIN ISO 2380-1, -2, DIN 5264, ISO 2380-1, -2
- Parallel blade
- Chrome alloy steel
- Chrome Plated
- Black tip
- 2-component green and black handle

Code	Size
STW46201035	3.5 x 75mm
STW46201040	4 x 100mm
STW46201055	5.5 x 125mm
STW46201065	6.5 x 150mm
STW46201080	8 x 175mm
STW46201100	10 x 200mm
STW46202100	12 x 250mm



SCREWDRIVER – WORKSHOP DRALL 4621-1

- DIN ISO 2380-1, -2, DIN 5264, ISO 2380-1, -2
- Parallel blade
- Chrome alloy steel
- Chrome Plated
- Black tip
- 2-component green and black handle

Code	Size
STW46211025	2.5 x 80mm
STW46211040	4 x 100mm
STW46211055	5.5 x 120mm
STW46211065	6.5 x 140mm
STW46211080	8 x 160mm



SCREWDRIVER - D-CLASSIC MECHANICS PATTERN 35521H

- Professional quality mechanics pattern screwdrivers combine comfort and durability to drive screws tighter with less effort
- Heavy round shank blades made of high quality chrome vanadium steel hardened, tempered and satin chrome finish
- Standard tips are precisely cross ground with BLACK-POINT for perfect grip and fit
- Generous size handle is manufactured from high quality translucent PVC with a comfortable grip
- All blades have magnetic tips for screw holding

Code	Size
RIC3220	3.2 x 75mm
RIC3225	4 x 100mm
RIC3230	5 x 150mm

Slotted



SCREWDRIVER – WORKSHOP DRALL 4622-1

- DIN ISO 2380-1, -2, DIN 5264, ISO 2380-1, -2
- With hexagon
- Chrome alloy steel
- Chrome Plated
- Black tip
- 2-component green and black handle

Code	Size
STW46221055	5.5 x 100mm
STW46221065	6.5 x 125mm
STW46221080	8 x 150mm
STW46221100	10 x 175mm
STW46221140	14 x 250mm



SCREWDRIVER-ELECTRICIANS 170ELS 410N

- Screwdriver for slotted screws
- Round, chrome plated blade
- Tip: DIN 5264-A, ISO 2380
- Kraftform handle with anti-roll protection, one component

Slotted

Code	Size
GED36686	2.5 x 75mm
GED36863	3 x 100mm
GED36687	4 x 125mm
GED36688	6.5 x 200mm



SCREWDRIVER – ELECTRICIAN BLACK POINT

- For slotted screws
- Round, chrome plated blade made from high quality bits material
- Tip: DIN 5264-A, ISO 2380
- Kraftform handle of high impact cellulose acetate
- Hexagon shoulder prevents tool roll, one component
- Black point tip blade for accurate dimensions

Code	Size
WEA6000C	2.5 x 75mm
WEA6002C	3.5 x 100mm
WEA6001C	3.5 x 75mm
WEA6005C	4 x 100mm
WEA6006C	4 x 150mm
WEA6004C	4 x 75mm
WEA6008C	5.5 x 100mm
WEA6009C	5.5 x 150mm

Slotted



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SCREWDRIVER – ELECTRICIANS - CLASSIC

- For phillips screws
- Round, chrome plated blade made from high quality bits material
- Tip: DIN 5264-A, ISO 2380
- Kraftform handle black, one component
- Hexagon shoulder prevents tool roll
- Black point tip blade for accurate dimensions



Code	Size
WEA8115B	2.5 x 75mm
WEA8001B	3.5 x 75mm
WEA8002B	3.5 x 100mm
WEA8025B	3.5 x 125mm
WEA8003B	3.5 x 150mm
WEA8004B	4 x 75mm
WEA8005B	4 x 100mm
WEA8006B	4 x 150mm
WEA8007B	4 x 200mm
WEA8026B	4 x 250mm
WEA8008B	5.5 x 100mm
WEA8009B	5.5 x 150mm
WEA8010B	6 x 200mm
WEA8011B	6 x 250mm
WEA8012B	6 x 300mm

Slotted

SCREWDRIVERS - ELECTRICIAN'S VDE - 4660

- Blade gun finished
- Chrome alloy steel
- 2-component red and yellow handle



Code	Ref	Size
STW46601025	VDE 1	2.5 x 75mm
STW46601030	VDE 2	3 x 100mm
STW46601035	VDE 3	3.5 x 100mm
STW46601040	VDE 4	4 x 100mm
STW46601055	VDE 5	5.5 x 125mm
STW46601065	VDE 6	6.5 x 150mm
STW46601080	VDE 7	8.0 x 175mm

Slotted

SCREWDRIVER - D-CLASSIC MECHANICS PATTERN 35535H

- Professional quality mechanics pattern screwdrivers combine comfort and durability to drive screws tighter with less effort
- Heavy round shank blades made of high quality chrome vanadium steel hardened, tempered and satin chrome finish
- Standard tips are precisely cross ground with BLACK-POINT for perfect grip and fit
- Generous size handle is manufactured from high quality translucent PVC with a comfortable grip
- All blades have magnetic tips for screw holding
- Hardened tempered satin chrome finish



Code	Size
RIC3280	PH0 x 75mm
RIC3285	PH1 x 75mm
RIC3290	PH2 x 38mm
RIC3295	PH2 x 100mm
RIC3298	PH2 x 150mm
RIC3305	PH3 x 150mm

Phillips

SCREWDRIVER - PLASTIC HANDLE

- Round steel bars are fully hardened and tempered with forged and ground black tips
- Comfortable plastic handles are impact resistant
- Clearly indicate screwdriver size and type



Code	Size
MTS4335	PH0 x 75mm
MTS4338	PH1 x 100mm
MTS4340	PH2 x 100mm
MTS4343	PH3 x 150mm

Phillips

SCREWDRIVER – PHILLIPS DRALL 4630

- Phillips-Recess®
- DIN ISO 8764-1, -2, ISO 8764-1, -2
- Chrome Alloy Steel
- Chrome Plated
- Black tips



Code	Size
STW46301000	PH0 x 60mm
STW46301001	PH1 x 80mm
STW46301002	PH2 x 100mm
STW46301003	PH3 x 150mm

Phillips

SCREWDRIVER-PHILLIPS 160PHS 420N

- For Phillips- Recess screws
- Round blade made from CHROME VANADIUM MOLYBDENUM steel
- Chrome plated
- Satin finish



Code	Size
GED36689	1 x 80mm
GED36890	2 x 100mm
GED36691	3 x 150mm

Phillips

SCREWDRIVER – PHILLIPS BLACK POINT

- For phillips screws
- Round, chrome plated blade made from high quality bits material
- Tip: DIN 5264-A, ISO 2380
- Kraftform handle of high impact cellulose acetate
- Hexagon shoulder prevents tool roll, one component
- Black point tip blade for accurate dimensions

Code	Size
WEA6028C	0 x 60mm
WEA6029C	1 x 80mm
WEA6030C	2 x 100mm
WEA6031C	2 x 150mm
WEA6033C	3 x 150mm

Phillips



SCREWDRIVER - PHILLIPS CLASSIC

- For phillips screws
- Round, chrome plated blade made from high quality bits material
- Tip: DIN 5260-PH, ISO 8764-PH
- Kraftform handle black, one component
- Hexagon shoulder prevents tool roll
- Black point tip blade for accurate dimensions

Code	Size
WEA8028B	0 x 60mm
WEA8029B	1 x 80mm
WEA8038B	1 x 200mm
WEA8030B	2 x 100mm

Phillips

Code	Size
WEA8031B	2 x 150mm
WEA8039B	2 x 300mm
WEA8033B	3 x 150mm
WEA8034B	4 x 200mm



SCREWDRIVER – VDE PHILLIPS DRALL 4665

- Phillips-Recess®, IEC 60900 C
- Safety insulated
- Black gun finish
- Chrome alloy steel
- 2-component red and yellow handle

Code	Size
STW46651001	PH1 x 80mm
STW46651002	PH2 x 100mm

Phillips



SCREWDRIVER – POZIDRIV 4640

- Pozidriv/Supadriv
- DIN ISO 8764-1, -2,ISO 8764-1, -2
- Chrome alloy steel
- Chrome Plated
- Black tip
- 2-component green and black handle

Code	Size
STW46401001	PZ1 x 80mm
STW46401002	PZ2 x 100mm

Pozi



POZI SCREWDRIVERS

- Professional quality Pozidriv screwdriver
- Black tips are precisely ground for accuracy
- Handles are high quality translucent PVC
- Shafts / blades are high quality C.V.steel
- Hardened tempered satin chrome finish

Code	Size
RIC3315	PZ1 x 75mm
RIC3320	PZ2 x 100mm

Pozi



SCREWDRIVER – POZIDRIV BLACK POINT

- For pozidriv screws
- Round, chrome plated blade made from high quality bits material
- Tip: DIN 5264-A, ISO 2380
- Kraftform handle of high impact cellulose acetate
- Hexagon shoulder prevents tool roll, one component
- Black point tip blade for accurate dimensions

Code	Size
WEA6081C	PZ1 x 80mm
WEA6082C	PZ2 x 100mm

Pozi



SCREWDRIVER - POZIDRIV CLASSIC

- For phillips screws
- Round, chrome plated blade made from high quality bits material
- Tip: ISO 8764-PZ
- Kraftform handle black, one component
- Hexagon shoulder prevents tool roll
- Black point tip blade for accurate dimensions transparent orange

Code	Size
WEA8081B	PZ1 x 75mm
WEA8082B	PZ2 x 100mm

Pozi



SCREWDRIVER – PHILLIPS -STUBBY DRALL 4734

- PHILLIPS-RECESS
- DIN ISO 8764-1, -2, ISO 8764-1, -2
- Chrome Alloy Steel
- Chrome plated
- Black tip

Code	Size
STW47341001	PH1 x25mm
STW47341002	PH2 x 25mm

Phillips



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SCREWDRIVER – CARBURETTOR DRALL - 4727

- DIN ISO 2380-1, -2, DIN 5264 ISO 2380-1, -2
- With impact cap and hexagon shank
- Chrome Alloy Steel
- Chrome Plated
- Black tips



Code	Size
STW47241045	3.5 x 25mm
STW47241060	5.5 x 25mm
STW47241080	8 x 25mm

Slotted

SCREWDRIVER – POZIDRIV STUBBY DRALL - 4744

- POZIDRIV/SUPRADRIV®
- DIN ISO 8764-1, -2, ISO 8764-1, -2
- Chrome Alloy Steel
- Chrome plated
- Black tip



Code	Size
STW47441001	PZ1 x 25mm
STW47441002	PZ2 x 25mm

Pozi

SCREWDRIVER – STUBBY BLACK POINT

- For slotted screws
- Round, chrome plated blade made from high quality bits material
- Tip: DIN 5264-A, ISO 2380
- Kraftform handle of high impact cellulose acetate
- Hexagon shoulder prevents tool roll, one component
- Black point tip blade for accurate dimensions



Code	Size
WEA6027C	5.5 x 40mm
WEA6023C	PH1 x 30mm
WEA6024C	PH2 x 40mm

Slotted Phillips

SCREWDRIVER - MECHANICS STUBBY CLASSIC

- For slotted screws
- Round, chrome plated blade made from high quality bits material
- Kraftform handle black, one component
- Hexagon shoulder prevents tool roll
- Black point tip blade for accurate dimensions



Code	Size
WEA8027B	5.5 x 40mm
WEA8023B	PH01 x 30mm
WEA8024B	PH02 x 40mm

Slotted Phillips

SCREWDRIVER-STUBBY

- For slotted screws
- Round blade made from CHROME VANADIUM
- MOLYBDENUM STEEL
- Chrome Plated
- Satin finish



Code	Size	Ref
GED36692	5.5 x 25mm	440N
GED36693	PH2 x 25mm	PHS441N

Slotted Phillips

SCREWDRIVER – OFFSET – SET 3 PIECE RT35/146B

- Ideal for hard-to-reach places
- Fully hardened and chrome plated alloy steel
- Centre handle, knurled for better grip
- Accurately cross ground tips for an exact fit
- Contents: Flat 5, 6, 8mm
  Phillips No 1, No 2, No 3



Code
RIC3135

Slotted Phillips

OFFSET SCREWDRIVERS - 10546

- DIN 5200
- For Slotted screws
- Centre handle, covered with impact proof plastic
- Chrome Vanadium
- Chrome plated



Code	Size	Size
STW73272001	3.5 x 90mm	10546-1
STW73272002	4 x 100mm	10546-2
STW73272003	5.5 x 125mm	10546-3
STW73272004	8 x 150mm	10546-4

Slotted

OFFSET SCREWDRIVERS - 10551

- DIN 5200
- For Slotted screws
- Centre handle, covered with impact proof plastic
- Chrome Vanadium
- Chrome plated



Code	Size
STW73282012	PH1 x 2 x 125mm
STW73282023	PH2 x 3 x 125mm

Phillips

Wera REVERSIBLE SCREWDRIVER

- Reversible 2 bladed
- Plastic handle
- Fluted grip
- Plated blades
- Carded

Code	Size
WEA8197C	PH2 x 6.5mm

Slotted Phillips



RACO SCREWDRIVER – BLACK TIP - SET 6 PIECE RT35/556

- Mechanics pattern screwdrivers combine comfort and durability to drive screws tighter with less effort
- Heavy round shank blades made of high quality chrome vanadium steel hardened, tempered and satin chrome finish
- Standard tips are precisely cross ground with "Black-point" for perfect fit and grip
- The generous size handle is manufactured from high quality translucent PVC with comfortable grip
- All blades have magnetic tips for screw holding
- Contents:
  Flat electricians 3.2 x 75, 4 x 100mm
  Flat mechanics 6 x 100, 8 x 150mm
  Phillips No 1 x 80, No 2 x 100mm



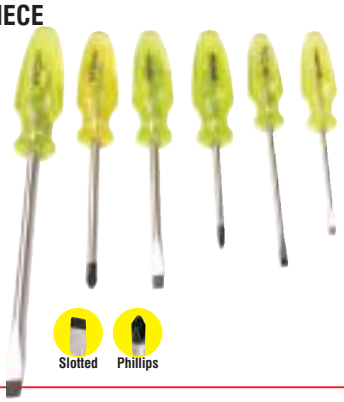
Code
RIC3160

Slotted Phillips

MTS SCREWDRIVER SET - PLASTIC HANDLE 6 PIECE

- Round steel bars are fully hardened and tempered with forged and ground black tips
- Comfortable plastic handles are impact resistant
- Clearly indicate screwdriver size and type
- Contents: 3.5 x 75mm
  4.0 x 100mm
  6.0 x 100mm
  8.0 x 150mm
  PH1 x 75mm
  PH2 x 100mm

Code
MTS4350



Slotted Phillips

MTS SCREWDRIVER SET - RUBBER HANDLE 7 PIECES

- Comfortable rubber handles are colour coded for ease of recognition - red for slotted and yellow for Phillips
- Contents:
  3.5 x 75mm
  4.0 x 100mm
  6.0 x 100mm
  8.0 x 150mm
  PH0 x 75mm
  PH1 x 75mm
  PH2 x 100mm

Code
MTS4580



Slotted Phillips

STAHLWILLE MECHANICS SCREWDRIVER SET 9 PIECES - 4693

- Contents:
  4622: Size 1 5.5 x 100mm
  Size 2 6.5 x 125mm
  Size 3 8.0 x 150mm
  Size 4 10.0 x 175mm
  4628: Size 1 2.5 x 60mm
  4632: Size 1
  Size 2
  4724: Size 2 5.5 x 25mm
  4734: Size 2



Code
STW96469310

Slotted Phillips

STAHLWILLE MECHANIC'S SCREWDRIVER SET 7 PIECES - 4691

- Contents:
  4620: Size 1 3.5x 75mm
  Size 2 4.0 x 100mm
  Size 3 5.5 x 125mm
  Size 4 6.5 x 150mm
  4628: Size 1 2.5 x 60mm
  4630: Size 1
  Size 2



Code
STW96469110

Slotted Phillips

STAHLWILLE MECHANICS SCREWDRIVER – SET 5 PIECES 4688A

- Mechanics screwdrivers
- Contents:

4620: Size 1 3.5 x 75mm
Size 3 5.5 x 120mm
Size 4 6.5 x 150mm
4630: Size 1
Size 2

Code	Size
STW91792082	5 Piece



Slotted Phillips

GEDORE SCREWDRIVER SET 6 PIECE MS/6SD

- Mechanic's screwdrivers
- For slotted and recessed screws
- Round blade made from CHROME VANADIUM MOLYDENIUM steel
- Chrome plated, satin finish
- Contents:
  150MS 6.5 x 150mm
  8.0 x 175mm
  160PHS PH1 x 80mm
  PH2 x100mm
  PH3 x150mm
  170ELS 4.0 x 125mm

Code
GED96680

Slotted Phillips



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

GEDORE SCREWDRIVER SET 6 PIECE ELS/6SD

- Electricians screwdrivers
- For slotted and recessed screws
- Round blade made from CHROME VANADIUM MOLYDENIUM steel
- Chrome plated, satin finish
- Contents:

150MS	6.5 x 150mm
160PHS	PH1 x 80mm
	PH2 x100mm
170ELS	3.0 x 100mm
	4.0 x 125mm
	6.5 x 200mm



Code	Slotted	Phillips
GED96690		

Wera SCREWDRIVER KRAFTFORM RANGE – BLACK POINT – SET 6

- For slotted & Phillips screws
- Round, chrome plated blade made from high quality bits material
- Kraftform handle of high impact cellulose acetate
- Hexagon shoulder prevents tool roll, one component
- Black point tip blade for accurate dimensions
- Contents:

ELS	3 x 80, 4 x 100mm
MS	6.5 x 125, 8 x 150mm
Phillips	1 x 80, 2 x 100mm

- In display carton



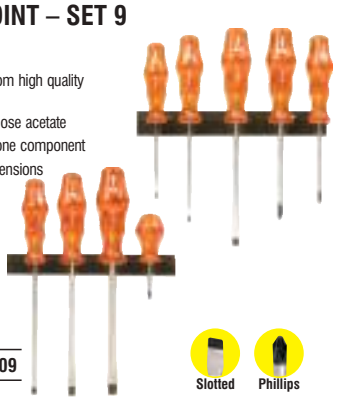
Code	Size	Slotted	Phillips
WER10001	6 Piece		

Wera SCREWDRIVER KRAFTFORM RANGE – BLACK POINT – SET 9

- For slotted & Phillips screws
- Round, chrome plated blade made from high quality bits material
- Kraftform handle of high impact cellulose acetate
- Hexagon shoulder prevents tool roll, one component
- Black point tip blade for accurate dimensions
- Contents:

ELS	3 x 80, 4 x 100, 5.5 x 150mm
MS	6.5 x 125, 8 x 150, 10 x 150mm
Phillips	1 x 80, 2 x 100mm
Stubby	5.5 x 40mm

- In display carton



Code	Slotted	Phillips
WER10009		

STANLEY SCREWDRIVER CUSHION GRIP SET 4 PIECES 0-65-244

- Chrome plated blade ensuring resistance to corrosion
- Soft grip handle for excellent comfort and control
- Smoot domed end ensures fast spinning action with speed and comfort
- Large diameter handle which offers great torque
- Tip identification for easy choice of correct screwdriver
- Magnetic tips
- Contents:

Mechanics	5 x 100mm, 6.5 x 150mm
Phillips	No.1 x 100mm, No.2 x 150mm



Code	Slotted	Phillips
STA4800		

STANLEY SCREWDRIVER - SET CUSHION GRIP 6 PIECES 0-65-242

- Chrome plated blade ensuring resistance to corrosion
- Soft grip handle for excellent comfort and control
- Smoot domed end ensures fast spinning action with speed and comfort
- Large diameter handle which offers great torque
- Tip identification for easy choice of correct screwdriver
- Magnetic tips

Contents:

Mechanics	5 x100mm, 6.5 x 150mm
Electricians	5 x 100mm, 5 x 150mm
Phillips	No.1 x 100mm, No.2 x 150mm

Supplied in plastic wallet



Code	Slotted	Phillips
STA4802		

STANLEY SCREWDRIVER - SET 6 PIECES 64 P6

- Heat treated alloy steel blades
- Hardened tips give non slip fit for use on most stripped screws
- Rust resistant nickel plated blade
- Contents:

Slotted:	4.5 x 75 mm
	4.5 x 150 mm
	6.5 x 150 mm
	6.5 x 100 mm
Phillips:	1 x 75 mm
	2 x 100 mm



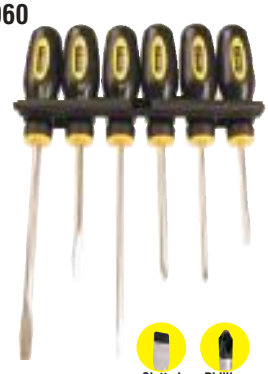
Code	Slotted	Phillips
STA4815		

STANLEY SCREWDRIVER - SET WITH WALL RACK 6 PIECES 60-060

- Heat treated alloy steel blades
- Hardened tips give non slip fit for use on most stripped screws
- Rust resistant nickel plated blade

Contents:

Phillips	No.1 x 75mm, No.2 x 100mm
Electricians	5 x 75mm, 5 x 100mm
Mechanics	6 x 100mm, 6 x 150mm





Code	Slotted	Phillips
STA4793		

STANLEY SCREWDRIVER - SET MECHANICS 14 PIECES 65-750

- Heat treated alloy steel blades
- Hardened tips give non slip fit for use on most stripped screws
- Rust resistant nickel plated blade

Contents:

Slotted:	3 x 45mm, 4 x 75mm
	6 x 38mm, 5 x 100mm
	5 x 150mm, 6 x 150mm
	8 x 200mm, 10 x 250mm
Phillips:	0 x 60 mm
	1 x 35mm
	1 x 100mm
	2 x 150mm
	2 x 200mm
	3 x 150mm



Code	Slotted	Phillips
STA4850		

STANLEY SCREWDRIVER - SET 20 PIECE 60-220

- Heat treated alloy steel blades
- Hardened tips give non slip fit for use on most stripped screws
- Rust resistant nickel plated blade

Contents:

6 Piece precision 0.1, 1.4, 2.0, 2.4, 3.0mm
Stubby No2 x 25mm
6 x 25mm
Mechanics 1 x 75mm
2 x 100mm
1 x 150mm
Electricians 2 x 75mm
1 x 150mm
Phillips 2 x No.1 x 75mm
2 x No.2 x 100mm
Offset No.1Ph x 4mm flat
No.1PH x No.2PH

Code
STA4805



Slotted Phillips Pozi

RACO SCREWDRIVER INSULATED – SET 6 PIECE RT35/696



- Expert quality, fully insulated according to standard
- DIN, VDE and GS specifications
- Suitable for live line work up to 1000 volts
- Burnished chrome vanadium steel sheathed blades for maximum safety
- Blade and handle are inseparable guaranteeing greater strength high torque and long life
- Ergonomic combination handle with hard – soft touch significantly improves the load factor and prevents slipping in the hand
- Contents: Flat 2.5 x 75, 3 x 100, 5.5 x 125mm
  Phillips No1 x 80, No2 x 100mm
  Electric tester 4 x 100m



Top end of handle marked tip type

Code
RIC3098

Slotted Phillips

MTS ELECTRICIANS SCREWDRIVER SET 1000V WITH TESTER

- 7 piece Insulated set
- Burnished chrome blades
- Sheathed for safety
- Suitable for live work to 1000Volts
- Includes electric tester
- Convenient carry case
- Sizes:
  Slotted: 3,5 x 75mm
  4 x 100mm
  5.5 x 125mm
  Phillips: 0 x75
  1 x 100
  2 x 100
  Electric tester: 4 x 100

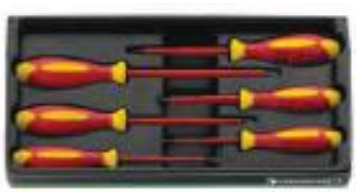


Slotted Phillips

Code	Size
HON7810	7 Piece

STAHLWILLE ELECTRICIAN'S SCREWDRIVER SET VDE 4695

- IEC 60900 C
- SAFETY INSULATED
- AC 1000 V
- Contents:
  4660 VDE: size 1 2.5 x 75mm
  size 3 3.5 x 100mm
  size 5 5.5 x 125mm
  size 6 6.5 x 150mm
  4665 VDE: size 1
  size 2



Code	Size
STW96469510	6 Pieces

Slotted Phillips

STAHLWILLE SCREWDRIVER – ELECTRONICS 7 PIECES 4797

- Contents:
  4751: size 4 1.5 x 40mm
  size 6 2.0 x 60mm
  size 7 2.5 x 75mm
  size 8 3.0 x 75mm
  4752: size 00
  size 0
  size 1



Code	Size
STW96479710	7 Pieces

Slotted Phillips

Wera SCREWDRIVER CLASSIC RANGE – BLACK POINT - SET 6

- For slotted & Phillips screws
- Round, chrome plated blade made from high quality bits material
- Kraftform handle black
- Hexagon shoulder prevents tool roll, one component
- Black point tip blade for accurate dimensions
- Contents:
  ELS 3 x 80, 4.0 x 100
  MLS 5.5 x 125mm, 6.5 x 150mm
  Phillips PH1 x 80, PH2 x 100mm
- In display carton



Slotted Phillips

Code
WER17346

Wera SCREWDRIVER CLASSIC RANGE – BLACK POINT - SET 9

- For slotted & Phillips screws
- Round, chrome plated blade made from high quality bits material
- Kraftform handle black
- Hexagon shoulder prevents tool roll, one component
- Black point tip blade for accurate dimensions
- Contents:
  ELS 3.5 x 75, 4.0 x 100, 5.5 x 150
  6 x 125, 8 x 150, 10 x 175mm
  Stubby 5.5 x 40mm
  Phillips PH1 x 80, PH2 x 100mm
- In display carton



Slotted Phillips

Code
WER17349

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SCREWDRIVER - SET – MAGNETIC 6-IN-1 RT35/135B

- Deluxe design with high security insulated handle
- Ideal for auto, workshop or DIY use
- Hardened steel shaft is vinyl coated for complete insulation with built in hexagon socket end for interchangeable bits
- Extra large plastic handle for comfort and grip with storage space for bits
- Contents: Flat 4, 7mm
  Phillips No 1, No 2
  Pozi driv No 1, No 2



Slotted Phillips Pozi

Code
RIC3125

JEWELER'S SCREWDRIVER SET

- Chrome vanadium steel nickel plated
- Swivel head tool bit holder
- Handy plastic box
- Tweezer
- Slotted: 1.4 mm, 2.0 mm, 2.4 mm
- Phillips 0, 1

Code	Size
RIC3115	6 Piece

Slotted Phillips



JEWELER'S SCREWDRIVER SET

- Chrome vanadium steel nickel plated
- Swivel head tool bit holder
- Handy plastic box
- Slotted: 1.4 mm, 2.0 mm, 2.4 mm, 3.0 mm
- Phillips: No.1, No.2

Code	Size
RIC3105	6 Piece

Slotted Phillips



JEWELER'S 6 PIECE SCREWDRIVER SET

- Each set contains 6 precision jewelers screwdrivers in a clear plastic display case
- Slotted 1.0mm - 1.2mm - 1.8mm - 2.4mm
- Phillips PH0 - PH1

Code
MTS4360

Slotted Phillips



SCREWDRIVER - SET PRECISION 6 PIECE 66-052

- Precision screwdrivers for electronic work
- Swivel head handles provide precision and reach
- Tough plastic shaft with soft cushion grips ensures greater comfort
- Supplied in plastic case
- Contents:
  Phillips 0, 1
  Flat tips 1.4, 2.0, 20.4, 3.0mm



Code
STA4857

Slotted Phillips

SCREWDRIVER HOLDER – 10 PIECES

- Handy 270mm telescopic magnetic pick-up tool
- Holder doubles up as a powerful handle
- 8 precision screwdrivers:
  Slotted 2.0 x 40, 3.0 x 40, 4.0 x 40mm
  Phillips PH00 x 40, PH0 x 40, PH1 x 40mm
  Torx T6 x 40, T7 x 40mm



Code	Size
HON7800	10 Pieces

Slotted Phillips Pozi Torx



SCREWDRIVER - TORX®- SET 5 PIECE RT34/409B

- Precision torx® screwdrivers
- Manufactured fro chrome vanadium steel
- In clear plastic case
- Contents: T6, T7, T8, T9, T10

Code
RIC3185

Torx



SCREWDRIVER - RACO-D-TUF TORX® – SET 6 PIECE TR35/665

- Torx® drivers are rapidly taking over conventional driving types, providing faster more efficient driving without slippage
- Transmits more torque to the fastener
- Unique screw tip offers many advantages particularly in automotive industry
- These professional quality screwdrivers with high quality chrome vanadium steel blades and satin chrome finish have special tips with precisely rounded corners
- Hexagon torque profile eliminates tension points on both the screw head and the screwdriver reducing wear and damage
- Contents: T10, T15, T20, T25, T27, T30

Code
RIC3183

Torx



SCREWDRIVER – TORX® DRALL 4650

- Inside TORX® screws
- Chrome alloy steel
- Chrome Plated
- Black tip
- 2-component green and black handle



Code	Size
STW46501006	T6
STW46501007	T7
STW46501008	T8
STW46501009	T9
STW46501010	T10
STW46501015	T15
STW46501020	T20
STW46501025	T25
STW46501027	T27
STW46501030	T30
STW46501040	T40
STW46501045	T45

Torx

SCREWDRIVER - MAGNETIC KIT 12 PIECE RT35/84B

- Impact resistant plastic T handle for high torque transmission with storage space for bits
- Hardened steel shaft
- Interchangeable bits
- Contents:
  Magnetic T - handle
  Flat 3, 4, 5, 6, 8mm
  Phillips No 0, No 1, No 2
  Pozi driv No 1, No 2, No 3



Code
RIC3120

Slotted Phillips Pozi

SCREWDRIVER – TORX – BLACK POINT

- For Torx screws
- Round, chrome plated blade made from high quality bits material
- Tip: DIN 5264-A, ISO 2380
- Kraftform handle of high impact cellulose acetate
- Hexagon shoulder prevents tool roll, one component
- Black point tip blade for accurate dimensions



Code	Size
WEA6306C	TX6
WEA6307C	TX7
WEA6308C	TX8
WEA6309C	TX9
WEA6310C	TX10

Code	Size
WEA6315C	TX15
WEA6320C	TX20
WEA6325C	TX25
WEA6327C	TX27
WEA6330C	TX30
WEA6340C	TX40

Torx

SCREWDRIVER – TORX® T-HANDLE 10769

- For inside TORX® screws
- Shaft nickel plated and chrome plated
- Tips hardened
- Chrome Vanadium
- Matt chrome plated
- Black tips



Code	Size
STW43290008	T8
STW43290009	T9
STW43290010	T10
STW43290015	T15
STW43290020	T20
STW43290025	T25
STW43290027	T27
STW43290030	T30
STW43290040	T40
STW43290045	T45
STW43290050	T50
STW43290055	T55

Torx

SCREWDRIVER – TORX – BLACK POINT – SET 11

- Screwdriver for Torx screws
- Round, chrome plated blade
- Kraftform handle with anti-roll protection, one component
- Content: TX6, TX7, TX8, TX9, TX10, TX15, TX20, TX25, TX27, TX30, TX40
- In display carton



Code
WER6334

Torx

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SCREWDRIVER – RATCHET KIT 23 PIECE RT35/117B

- With hexagon bit holding adaptor
- 3-position ratchet for left or right hand rotation and lock
- Comfortable grip is moulded from impact plastic with attractive two colours
- Chrome vanadium hexagon bits
- Contents:

Ratchet stubby screwdriver
Extension bit holder
Socket adaptor
¼" dr sockets: 5, 5.5, 6, 7, 8, 9, 10, 11mm
Flat : 4, 5, 6mm
Hex bits : H4, H5, H6
Phillips : No 1, No 2, No 3
Pozi driv : No 1, No 2, No 3



Code	Slotted	Phillips	Pozi
RIC3145			

SCREWDRIVER – RATCHET - STUBBY RT35/11B

- With hexagon bit holding adaptor
- 3-position ratchet for left or right hand rotation and lock
- Comfortable grip is moulded from impact plastic with attractive two colours
- Chrome vanadium hexagon bits
- Contents:
  Flat 4, 6mm
  Phillips No 1, No 2
  Pozi driv No 1, No 2

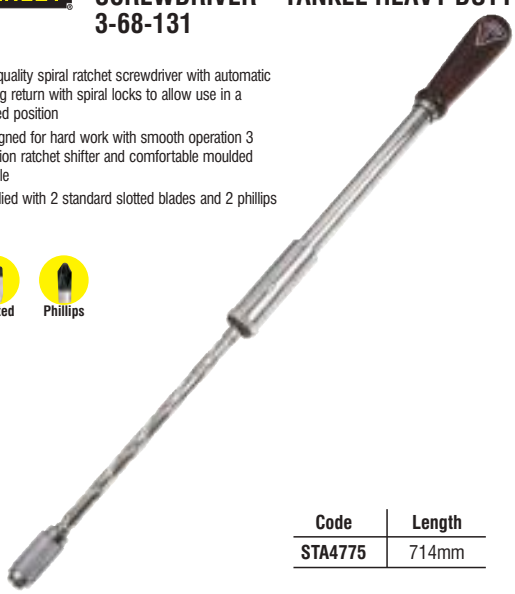


Code	Size	Slotted	Phillips	Pozi
RIC3140	7 Piece			

SCREWDRIVER – YANKEE HEAVY DUTY 3-68-131

- Top quality spiral ratchet screwdriver with automatic spring return with spiral locks to allow use in a closed position
- Designed for hard work with smooth operation 3 position ratchet shifter and comfortable moulded handle
- Supplied with 2 standard slotted blades and 2 phillips bits

Slotted Phillips



Code	Length
STA4775	714mm

IMPACT DRIVER KIT

- Machine from selected alloy tool steel, hardened and tempered for long service life
- Strike anvil end with hammer to loosen stubborn screws
- Reverse direction to tighten screws
- Knurled chrome plated handle
- Contents:
  1/2" square drive hex adaptor
  Flat bits 36mm long - 8, 10mm
  Phillips bits 36mm long - No 2, No 3



Code	Desc.
RIC1850	Driver Kit
RIC1860	Spare Bits

IMPACT DRIVER SET - 040101

- An impact driver is a tool that delivers a strong, sudden rotational and downward force
- In conjunction with toughened screwdriver bits they are often used by mechanics to loosen larger screws (bolts) and (nuts) that are corrosively "frozen" or over-torqued
- The direction can also be reversed
- Use with a medium weight hammer, to loosen stubborn screws and nuts
- Ideal for removal of door hinge brackets
- Supplied with a range of inter-changeable bits





Code
SYK040101

POWER SCREWDRIVER BIT DOUBLE - LONG PATTERN - 65mm

- Manufactured from special chrome molybdenium vanadium
- Tempered and hardened to HRC58-62
- Long pattern allows for increased visibility of workpiece
- Accurately ground tips for perfect fit
- Bits are shot blasted anodize finish
- For use with electric power tools, air tools and bit holder screwdrivers
- 1/4" hexagon shank





Bit - Power Double Philips x

Code	Size	Ref	Pack
RIC0500	PH No.1 x PZ No.1	352135B	1
RIC0502	PH No.2 x PZ No.2	352136B	1
RIC0504	PH No.3 x PZ No.3	352137B	1

Bit - Power Double Pozi x

Code	Size	Ref	Pack
RIC0505	PZ No.1 x PZ No.2	352115B	1

Bit - Power Double Slot x

Code	Size	Ref	Pack
RIC0510	4mm x 5mm Slot	352102B	1
RIC0512	6mm x 7mm Slot	352105B	1

POWER SCREWDRIVER BIT SHORT PATTERN

- Manufactured from special chrome molybdenium vanadium
- Tempered and hardened to HRC58-62
- Accurately ground tips for perfect fit
- Bits are shot blasted anodize finish
- For use with electric power tools, air tools and bit holder screwdrivers
- 1/4" hexagon shank



Bit - Power Pozi

Code	Size	Ref	Pack
RIC0534	PZ No.2	353032B	100



Bit - Power Slot

Code	Size	Ref	Pack
RIC0550	0.6 x 4.5 x 25mm	352002B	2
RIC0552	0.8 x 5.5 x 25mm	352004B	2
RIC0554	1.0 x 6.0 x 25mm	352005B	2
RIC0556	1.2 x 6.5 x 25mm	352006B	2
RIC0558	1.6 x 8.0 x 25mm	352008B	2



Bit - Power Pozi

Code	Size	Ref	Pack
RIC0545	PZ No.1 x 25mm	352031B	2
RIC0546	PZ No.2 x 25mm	352032B	2
RIC0548	PZ No.3 x 25mm	352033B	2



Bit - Power Philips

Code	Size	Ref	Pack
RIC0535	PH No.1 x 25mm	352021B	2
RIC0537	PH No.2 x 25mm	352022B	2
RIC0540	PH No.3 x 25mm	352023B	2



Bit - Power Hex

Code	Size	Ref	Pack
RIC0515	3mm x 25mm	352051B	2
RIC0520	4mm x 25mm	352052B	2
RIC0525	5mm x 25mm	352053B	2
RIC0530	6mm x 25mm	352054B	2

Awls

PIERCING AWL

- Used primarily for starting holes for screws to prevent the wood from splitting



Code	Size
HON0523	6.5 x 100mm

STANLEY BRADAWL 1-69-014

- Strong plastic handle
- Hardened and tempered chisel point blade
- Nickle plated, for best protection
- Blade shaft cranked to avoid turning in handle



Code	Size
STA2480	2.5 x 32mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

ALLEN KEYS - STANDARD SERIES METRIC/SAE



- Special steel
- Hardened & tempered
- Black finish

Code	Size
FUH0910	1.0mm
FUH0920	1.5mm
FUH0925	2.0mm
FUH0930	2.5mm
FUH0940	3.0mm
FUH0945	3.5mm
FUH0950	4.0mm
FUH0955	4.5mm
FUH0960	5.0mm
FUH0965	5.5mm
FUH0970	6.0mm
FUH0975	7.0mm
FUH0980	8.0mm
FUH0985	9.0mm
FUH0990	10.0mm

Code	Size
FUH0995	11.0mm
FUH1000	12.0mm
FUH1005	13.0mm
FUH1010	14.0mm
FUH1015	15.0mm
FUH1020	16.0mm
FUH1025	17.0mm
FUH1030	18.0mm
FUH1035	19.0mm
FUH1040	20.0mm
FUH1045	21.0mm
FUH1050	22.0mm
FUH1055	24.0mm
FUH1060	27.0mm

Code	Size
FUH1080	1/16
FUH1085	5/64
FUH1090	3/32
FUH1095	7/64
FUH1100	1/8
FUH1105	9/64
FUH1110	5/32
FUH1115	3/16
FUH1120	7/32
FUH1125	1/4
FUH1135	5/16
FUH1145	3/8
FUH1150	7/16
FUH1155	1/2
FUH1160	9/16
FUH1165	5/8
FUH1170	3/4
FUH1175	7/8

ALLEN KEYS - LONG SERIES METRIC/SAE



- Special steel
- Hardened & tempered
- Black finish

Code	Size
FUH0280	1.5mm
FUH0285	2.0mm
FUH0290	2.5mm
FUH0295	3.0mm
FUH0300	3.5mm
FUH0305	4.0mm
FUH0310	4.5mm
FUH0315	5.0mm
FUH0320	5.5mm
FUH0325	6.0mm
FUH0330	7.0mm
FUH0335	8.0mm
FUH0340	9.0mm
FUH0345	10.0mm
FUH0350	11.0mm
FUH0355	12.0mm
FUH0360	13.0mm
FUH0365	14.0mm
FUH0370	15.0mm
FUH0380	17.0mm
FUH0390	19.0mm
FUH0395	22.0mm

Code	Size
FUH0405	1/16
FUH0410	5/64
FUH0415	3/32
FUH0420	1/8
FUH0425	9/64
FUH0430	5/32
FUH0435	3/16
FUH0440	7/32
FUH0445	1/4
FUH0455	5/16
FUH0465	3/8
FUH0475	1/2
FUH0480	9/16
FUH0485	5/8
FUH0490	3/4

ALLEN KEYS - HEXAGON 10760CV/10760ACV METRIC/SAE



- DIN ISO2936 (metric) for socket head screws
- Chrome Vanadium
- Nickel plated

Code	Size
STW43150150	1.5mm
STW43150002	2.0mm
STW43150250	2.5mm
STW43150003	3.0mm
STW43150350	3.5mm
STW43150004	4.0mm
STW43150005	5.0mm
STW43150006	6.0mm
STW43150007	7.0mm
STW43150008	8.0mm

Code	Size
STW43150009	9.0mm
STW43150010	10.0mm
STW43150011	11.0mm
STW43150012	12.0mm
STW43150014	14.0mm
STW43150017	17.0mm
STW43150019	19.0mm
STW43150022	22.0mm
STW43150024	24.0mm
STW43150027	27.0mm

Code	Size
STW43550005	5/64
STW43550006	3/32
STW43550007	7/64
STW43550008	1/8
STW43550009	9/64
STW43550012	3/16
STW43550016	1/4
STW43550018	9/32
STW43550024	3/8

ALLEN KEYS - HEXAGON EXTRA LONG - 10765 - METRIC



- DIN ISO 2936 (metric) for socket head screws
- Chrome Vanadium
- Nickel plated

Code	Size
STW43210025	2.5mm
STW43210003	3.0mm
STW43210004	4.0mm
STW43210005	5.0mm
STW43210006	6.0mm
STW43210008	8.0mm
STW43210009	9.0mm
STW43210017	17.0mm

ALLEN KEY SET - 25 PIECE - METRIC/SAE

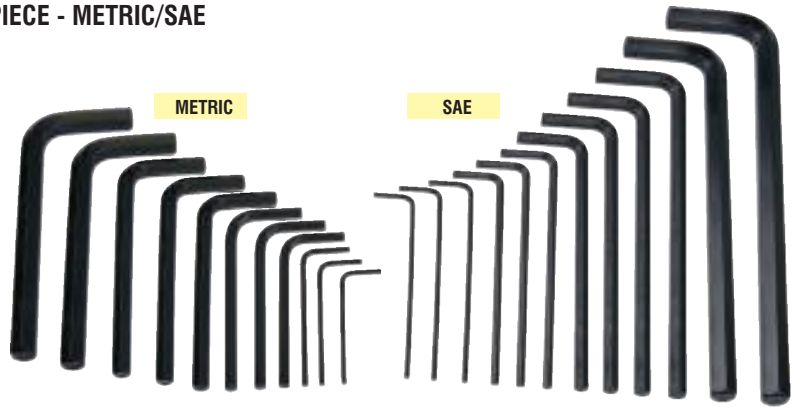
- A professional quality combination set with 13 short arm metric keys and 12 long arm SAE keys
- All keys are manufactured from chrome molybdenum / vanadium steel, correctly hardened and tempered for maximum torque
- Black, rust proof finish
- Sizes: 13 short arm (metric)
  1.5, 2, 2.5, 3, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10mm
- Sizes: 12 long arm (SAE)
  1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"
- Supplied in a convenient pocket pouch



Code
RIC0230

HEX KEY SET - 25 PIECE - METRIC/SAE

- Heavy duty
- Super long
- Carbon steel
- Short arm series metric 13 pieces, 1,5 - 10mm
- Long arm series S.A.E. 12 pieces, 1/16" - 3/8"
- Supplied in a convenient PVC pouch



Code	Size
MTS1653	25 pce

ALLEN KEY SET - 11 PIECE STANDARD SERIES

- Sizes: 1,5; 2; 2,5; 3; 4; 5; 6; 7; 8; 10; 12
- Chrome Vanadium-Molybdenum-Steel (59Cr-mo-V4)
- Steel grey
- Supplied in a PVC wallet



Code
FUH1430

ALLEN KEY SET - 14 PIECE STANDARD SERIES

- Sizes: 1,5; 2; 2,5; 3; 4; 5; 6; 7; 8; 10; 12; 14; 17; 19
- Chrome Vanadium-Molybdenum-Steel (59Cr-mo-V4)
- Steel grey
- Supplied in a PVC wallet



Code
FUH1440

ALLEN KEY SET - 11 PIECE STANDARD SERIES

- Sizes: 1/16; 5/64; 3/32; 1/8; 5/32; 3/16; 1/4; 5/16; 3/8; 7/32; 1/2
- Chrome Vanadium-Molybdenum-Steel (59Cr-mo-V4)
- Steel grey
- Supplied in a PVC wallet



Code
FUH1470

ALLEN KEY SET - 11 PIECE LONG SERIES

- Sizes: 1,5; 2; 2,5; 3; 4; 5; 6; 7; 8; 10; 12mm
- Chrome Vanadium-Molybdenum-Steel (59Cr-mo-V4)
- Steel grey
- Supplied in a PVC wallet



Code
FUH1420

ALLEN KEY SET - 11 PIECE LONG SERIES

- Sizes: 1/16; 5/64; 3/32; 1/8; 5/32; 3/16; 1/4; 5/16; 3/8; 7/32; 1/2
- Chrome Vanadium-Molybdenum-Steel (59Cr-mo-V4)
- Steel grey
- Supplied in a PVC wallet



Code
FUH1460

ALLEN KEY SET - 8 PIECE STANDARD SERIES

- 1.5, 2, 2.5, 3, 4, 5, 5.5, 6mm
- A professional quality key set manufactured from chrome molybdunum/vanadium steel, correctly hardened and tempered for maximum torque
- Black rust-proof finished and with key ring



Code
RIC0210

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

ALLEN KEY SET - 10 PIECE STANDARD SERIES

- Sizes: 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 8, 10mm
- Professional quality key set manufactured from chrome molybdenum / vanadium steel, correctly hardened and tempered for maximum torque
- Black, rust proof finish with key ring



Code
RIC0215

ALLEN KEY SET - 10 PIECE STANDARD SERIES

- Sizes: 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"
- Professional quality key set manufactured from chrome molybdenum / vanadium steel, correctly hardened and tempered for maximum torque
- Black, rust proof finish with key ring



Code
RIC0220

HEX KEY SET - 8 PIECE STANDARD SERIES

- Sizes: 1.5, 2, 2.5, 3, 4, 5, 6mm
- Carbon steel
- Chrome plated



Code
MTS1650

HEX KEY SET - 8 PIECE STANDARD SERIES

- Sizes: 2-10mm
- Carbon steel
- Chrome plated



Code
MTS1651

ALLEN KEY HEXAGON SET 9 PIECES - 10760CV9PC

- For Socket head screws
- Chrome Vanadium
- Nickel plated
- In holder
- Contents: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm



Code
STW96431501

ALLEN KEY HEXAGON SET 9 PIECES - 10760ACV10PC

- For socket head screws
- Chrome Vanadium
- Nickel plated
- In holder
- Contents: 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", ¼", 5/16", 3/8"



Code
STW96435501

HEX KEY SET - 8 PIECE - 42-88M STANDARD SERIES

- For hexagon socket head bolts
- Chrome Vanadium Steel – 59CrV14
- Gun metal finish
- Short series
- Plastic holder
- Contents: 42 2, 2.5, 3, 4, 5, 6, 8, 10mm



Code
GED012104

HEX KEY SET - 10 PIECE - 42-100M STANDARD SERIES

- For hexagon socket head bolts
- Chrome Vanadium Steel – 59CrV14
- Gun metal finish
- Short series
- Plastic wallet
- Contents: 42 2, 2.5, 3, 4, 5, 6, 7, 8, 9, 10mm



Code
GED012111

HEX KEY SET - 8 PIECE - 42-8M STANDARD SERIES

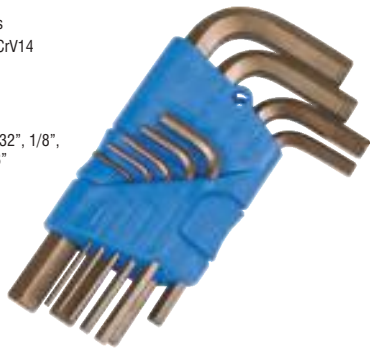
- For hexagon socket head bolts
- Chrome Vanadium Steel – 59CrV14
- Gun metal finish
- Short series
- Plastic holder
- Contents: 42 3, 4, 5, 6, 8, 10, 12, 14mm



Code
GED012102

HEX KEY SET - 9 PIECE - 42-9 PIECE STANDARD SERIES

- For hexagon socket head bolts
- Chrome Vanadium Steel – 59CrV14
- Gun metal finish
- Short series
- Plastic holder
- Contents: 42 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8"



Code
GED012154

ALLEN KEY SET - HEXAGONAL - BELT CLIP 12 PIECE

- Sizes: 050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16
- Chrome -Vandium-Molybdenum-Steel (59Cr-mo-V4)
- Black finish
- Ball clip



Code
FUH1473

ALLEN KEY SET - KNIFE TYPE - 7 PIECE

- Sizes: 2.5, 3, 4, 5, 6, 8, 10mm
- Manufactured from chrome molybdenum / vanadium steel
- Black rust proof finish and specially heat treated
- Hardened nickel plated heavy-gauge steel holder / handle
- Key wrenches can be used straight or at a right angle for extra leverage



Code
RIC0227

ALLEN KEY SET - KNIFE TYPE - 6 PIECE

- Sizes: 1/8; 5/32; 3/16; 7/32; 1/4; 5/16
- Chrome –Vandium-Molybdenum-Steel (59Cr-mo-V4)
- Black finish



Code
FUH1475

ALLEN KEY SET - KNIFE TYPE - 7 PIECE

- 1.5 2, 2.5, 3, 4, 5, 6mm
- Fold up knife type set
- Chrome -Vandium-Molybdenum-Steel (59Cr-mo-V4)
- Strength: Following the specifications of the licensor Camcar Textron USA
- Folder nickle plated
- Steel grey



Code
FUH1450

ALLEN KEYS - T HANDLE

- Chrome-Vanadium-Molybdenum-Steel (59 Cr-Mo-V4)
- Nickle plated - key ends chamfered
- Handle: ABS Terpolymer - shock resistant red with a hook hole

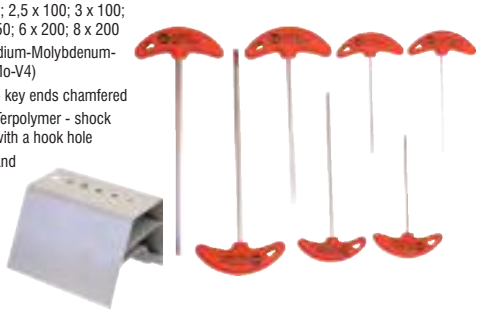


Code	Size
FUH1500	2.0 x 100mm
FUH1510	2.5 x 100mm
FUH1520	3.0 x 100mm
FUH1530	4.0 x 100mm

Code	Size
FUH1540	5.0 x 100mm
FUH1550	6.0 x 150mm
FUH1560	8.0 x 150mm
FUH1570	10.0 x 200mm

ALLEN KEY SET - T HANDLE - 7 PIECE

- Sizes: 2 x 100; 2,5 x 100; 3 x 100; 4 x150; 5 x 150; 6 x 200; 8 x 200
- Chrome-Vanadium-Molybdenum-Steel (59 Cr-Mo-V4)
- Nickle plated - key ends chamfered
- Handle: ABS Terpolymer - shock resistant red with a hook hole
- With metal stand



Code
FUH1485

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

ALLEN KEY - BALL POINT LONG SERIES

- Long series
- Chrome Vanadium-Molybdenum-Steel (59Cr-mo-V4)
- Ball end allows angle access up to 30% off vertical
- Special steel
- Hardened and tempered
- Black finish



Code	Size
FUH0220	1.5mm
FUH0225	2.0mm
FUH0230	2.5mm
FUH0235	3.0mm

Code	Size
FUH0240	4.0mm
FUH0245	5.0mm
FUH0250	6.0mm
FUH0255	8.0mm
FUH0260	10.0mm

HEX KEY SET - BALL POINT - LONG 7 PIECE

- Sizes: 2.5, 3, 4, 5, 6, 8, 10mm
- Carbon steel



Code
MTS1655

ALLEN KEY SET - BALL POINT - LONG 7 PIECE

- Sizes: 2.5, 3, 4, 5, 6, 8, 10mm
- Professional quality key set manufactured from chrome molybdenum / vanadium steel, correctly hardened and tempered for maximum torque
- Set in a handy plastic case for convenience



Code
RIC0205

ALLEN KEY SET - BALL POINT - LONG 7 PIECE

- Sizes: 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8"
- Professional quality key set manufactured from chrome molybdenum / vanadium steel, correctly hardened and tempered for maximum torque
- Set in a handy plastic case for convenience



Code
RIC0200

ALLEN KEY SET - BALL POINT - LONG 9 PIECE

- Sizes: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm
- Professional quality key set manufactured from chrome molybdenum / vanadium steel, correctly hardened and tempered for maximum torque
- Extra long pattern with satin-nickel finish
- Set in a handy plastic case for convenience



Code
RIC0195

ALLEN KEY SET - BALL POINT - LONG 9 PIECE

- Sizes: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm
- Chrome –Vandium-Molybdenum-Steel (59Cr-mo-V4)
- Angle entry up to 30°
- Black finish
- Ball clip



Code
FUH1410

ALLEN KEYS - BALL TYPE - T HANDLE

- Raco T handle design provides greater leverage for maximum torque
- Manufactured from high quality S2 steel with satin nickel finish
- Precision drawn to close tolerances for accurate fit and chamfered ends for easy insertion
- Large comfortable plastic handle with soft-touch TPR grip



Code	Size
RIC6450	2,0mm
RIC6455	2,5mm
RIC6460	3,0mm
RIC6465	4,0mm
RIC6470	5,0mm
RIC7475	6,0mm
RIC6480	7,0mm
RIC6485	8,0mm
RIC6490	10,0mm

ALLEN KEY SET - BALL TYPE - T HANDLE 7 PIECE

- Sizes: 2.5, 3, 4, 5, 6, 8, 10mm
- Raco T handle design provides greater leverage for maximum torque
- Manufactured from high quality S2 steel with satin nickel finish
- Precision drawn to close tolerances for accurate fit and chamfered ends for easy insertion
- Large comfortable plastic handle with soft-touch TPR grip



Code
RIC6500

ALLEN KEY SET - TORX - CLIP 9 PIECE

- Sizes: T10, T15, T20, T25, T27, T30, T40, T45, T50
- Professional quality key set manufactured from chrome molybdenum / vanadium steel, correctly hardened and tempered for maximum torque
- Long pattern with satin-nickel finish
- Set in a handy plastic case for convenience



Code
RIC0197

ALLEN KEY SET - TORX - KNIFE TYPE 8 PIECE

- Sizes: T9, T10, T15, T20, T25, T27, T30, T40
- Manufactured from chrome molybdenum / vanadium steel
- Black rust proof finish and specially heat treated
- Hardened nickel plated heavy-gauge steel holder / handle
- Key wrenches can be used straight or at a right angle for extra leverage



Code
RIC0208

ALLEN KEY SET - TORX - KNIFE TYPE 8 PIECE

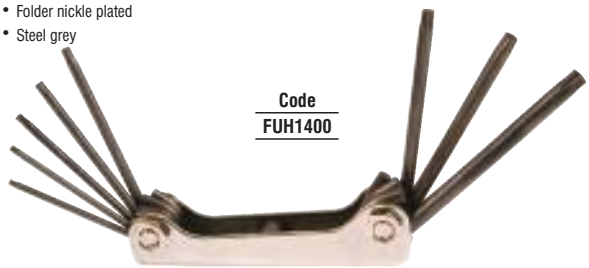
- Sizes: T9, T10, T15, T20, T25, T27, T30, T40
- Carbon steel
- Black finish



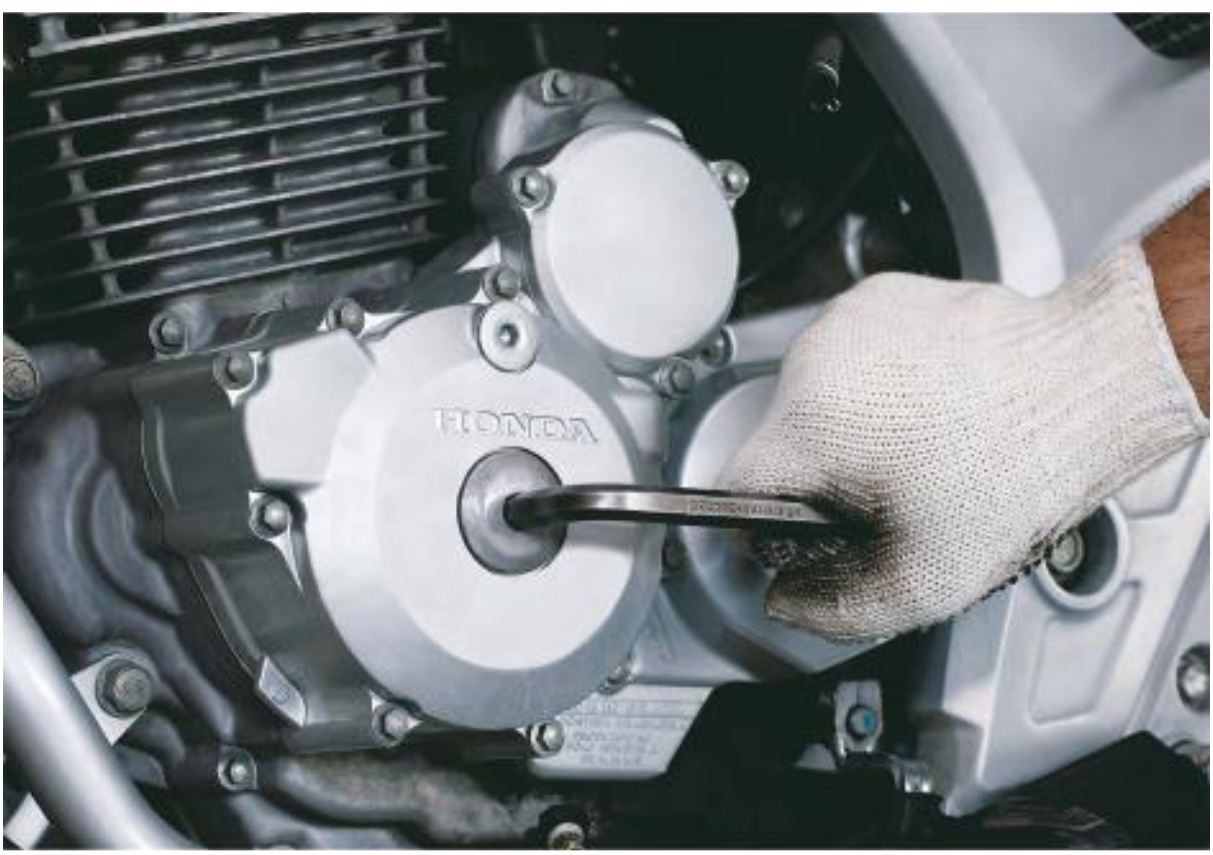
Code
MTS1663

ALLEN KEY SET - TORX - KNIFE TYPE 8 PIECE

- Sizes: T9, T10, T15, T20, T25, T27, T30, T40
- Chrome-Vandium-Molybdenum-Steel (59Cr-mo-V4)
- Folder nickle plated
- Steel grey



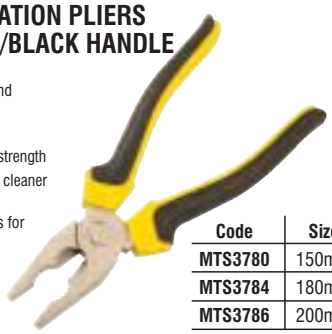
Code
FUH1400



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

COMBINATION PLIERS YELLOW/BLACK HANDLE

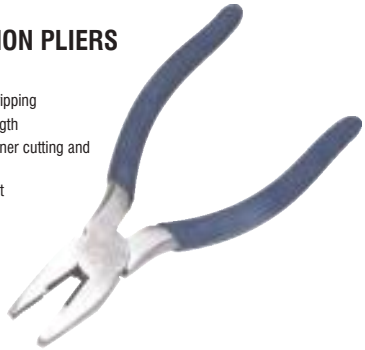
- All purpose plier for cutting and gripping
- Satin finish
- Drop forged carbon steel for strength
- Induction hardened edges for cleaner cutting and durability
- Non-slip double cushion grips for comfort
- Nickel Plated
- Lifetime guarantee



Code	Size
MTS3780	150mm
MTS3784	180mm
MTS3786	200mm

COMBINATION PLIERS

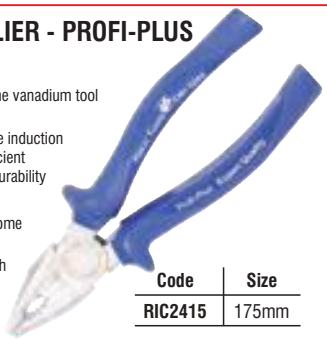
- All purpose plier for cutting and gripping
- Drop forged carbon steel for strength
- Induction hardened edges for cleaner cutting and durability
- Non-slip cushion grips for comfort



Code	Size
MTS3790	160mm
MTS3800	180mm
MTS3810	200mm

COMBINATION PLIER - PROFI-PLUS RT22/250-7H

- Manufactured from high grade chrome vanadium tool steel to DIN specification 5244
- Hardened tempered Cutting edges are induction hardened to 60HRC to guarantee efficient cutting performance and increased durability
- For hard and soft wire
- Head smoothly ground and satin chrome plated for protection against rust
- Extra heavy duty insulated handle with slip guards and comfortable soft-touch grip provide maximum protection



Code	Size
RIC2415	175mm

COMBINATION PLIERS

- Manufactured from high grade chrome vanadium tool steel
- to DIN specification 5244
- Smoothly ground satin-chrome plated head
- Cutting edges induction hardened to 60HRC
- For hard and soft wire



Code	Size	Ref.
RIC2420	175mm	RT22/152H
RIC2430	200mm	RT22/153H

COMBINATION PLIERS HEAVY DUTY

- Dynagrip
- General purpose
- Comfort grip handles



Code	Size	Ref
STA7300	150mm	84-623
STA7310	180mm	84-855

COMBINATION PLIERS

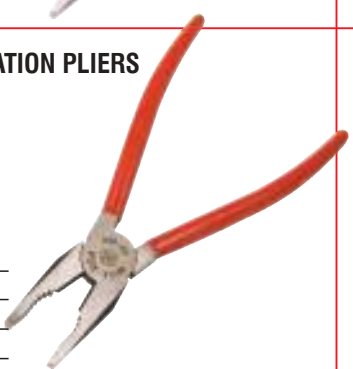
- DIN ISO 5746
- Precision cutter for all wires including piano wire
- Induction hardened cutting edges ± 62 HRC for long life



Code	Size	Ref
STW64016160	160mm	6501-160
STW64016180	180mm	6501-180
STW64016200	200mm	6501-200

COMBINATION PLIERS

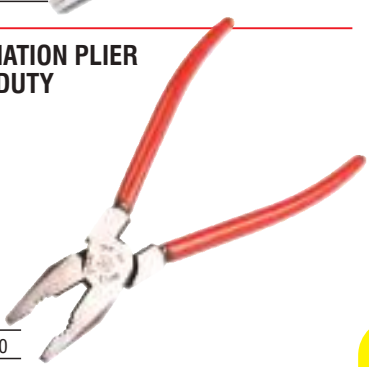
- General purpose use
- Hardened and tempered
- PVC coated handle A3



Code	Size	Ref
WIL0265	160mm	62-160
WIL0270	180mm	62-180
WIL0275	200mm	62-200

COMBINATION PLIER HEAVY DUTY

- Professional quality
- High leverage handle
- Extra long cutting edge
- Special steel
- Pipe grip



Code	Size	Ref
WIL0280	210mm	66-210

COMBINATION PLIERS - VDE

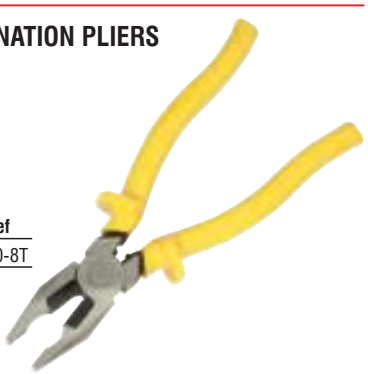
- General purpose use
- Hardened and tempered
- Heavy duty insulation handle



Code	Size	Ref
WIL0264	180mm	62-180 VDE
WIL0273	200mm	62-200 VDE

COMBINATION PLIERS

- Professional quality
- Insulated handles



Code	Size	Ref
CRE0040	200mm	3800-8T

COMBINATION PLIERS HEAVY DUTY



- For heavy continuous
- Good lever action for easy cutting
- Induction- hardened precision cutting edges
- Hardness ± 63 HRC
- To cut all wire types including piano wire
- Copyrighted design
- DIN ISO 5746

Code	Size	Ref
GED6707070	180mm	8250-180JC
GED6707310	200mm	8250-200JC

COMBINATION PLIERS HEAVY DUTY



- For heavy continuous
- Good lever action for easy cutting
- Induction- hardened precision cutting edges
- Hardness ± 63 HRC
- To cut all wire types including piano wire
- Copyrighted design
- DIN ISO 5746

Code	Size	Ref
GED6708040	225mm	8250-225TL

COMBINATION PLIERS



- Universal model with slimline head
- Induction hardened precision cutting edges
- Hardness ± 62 hrc
- For medium-hard and hard wire
- DIN ISO 5746

Code	Size	Ref
GED6730050	160mm	8245-160TL
GED6730210	180mm	8245-180TL
GED6730720	200mm	8245-200TL

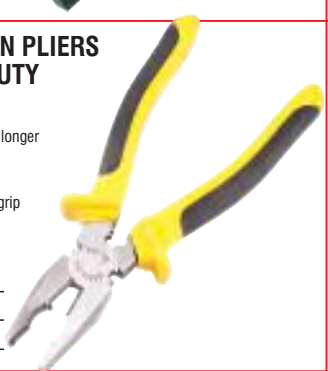
COMBINATION PLIERS FATMAX



- Bi-Material handle with secure grip grooving
- Heat treated high chrome steel forging for long life and durability
- Hand ground, induction hardened blade
- Interlocking joint assembly for smooth cutting

Code	Size	Ref.
STA7316	180mm	0-89-867
STA7317	200mm	0-89-868

LINESMAN PLIERS HEAVY DUTY



- Forged from carbon steel
- Induction hardened and tempered for longer performance
- Close fit machined jaws
- Bi- Material handles for comfort and grip even with oily hands

Code	Size	Size
STA7455	200mm	0-84-056
STA7435	228mm	84-154



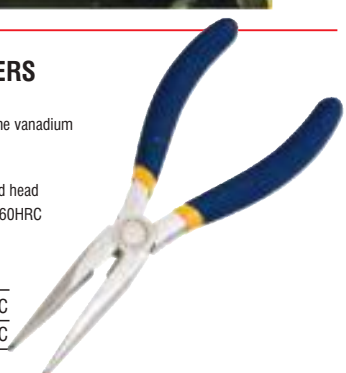
LONG NOSE PLIERS



- Long, fine serrated jaws for electrical and general work
- Drop forged carbon steel
- Induction hardened edges for cleaner cutting and durability
- Non-slip cushion grips for comfort

Code	Size
MTS3840	150mm
MTS3850	200mm

LONG NOSE PLIERS



- Manufactured from high grade chrome vanadium tool steel
- to DIN specification 5236A
- Smoothly ground satin-chrome plated head
- Cutting edges induction hardened to 60HRC
- For hard and soft wire150 mm

Code	Size	Ref.
RIC2560	150mm	RT22/252-6C
RIC2565	200mm	RT22/252-8C

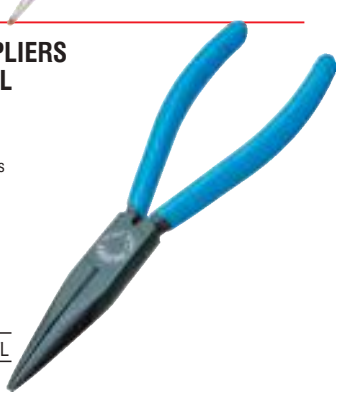
LONG NOSE PLIERS YELLOW/BLACK



- Long, fine serrated jaws for electrical and general work
- Satin finish
- Drop forged carbon steel for strength
- Induction hardened edges for cleaner cutting and durability
- Non-slip double cushion grips for comfort
- Nickel plated

Code	Size
MTS3852	150mm
MTS3853	200mm

TELEPHONE PLIERS - STRAIGHT TL



- Flat round tapered jaws
- Straight gripping faces, serrated
- Induction-hardened precision cutting edges
- Hardness ± 62 HRC
- DIN ISO 5745

Code	Size	Ref
GED6710610	140mm	8132-140TL

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

TELEPHONE PLIERS - STRAIGHT JC

- Flat round tapered jaws
- Straight gripping faces, serrated
- Induction-hardened precision cutting edges
- Hardness ± 62 HRC
- DIN ISO 5745



Code	Size	Ref
GED6718860	140mm	8132-140JC
GED6719240	160mm	8132-160JC
GED6719670	200mm	8132-200JC

TELEPHONE PLIERS - STRAIGHT TL

- Flat round tapered jaws
- Cross-hatching gripping surface and fine-tipped nose
- DIN ISO 5745



Code	Size	Ref
GED6722460	140mm	8135-140TL
GED6722620	160mm	8135-160TL

MECHANICS PLIERS

- Without wire cutter
- Flat round tapered jaws
- Cross-hatched gripping faces
- Fine tipped nose, for safe work in confined spaces
- DIN ISO 5745



Code	Size	Ref
GED6722890	200mm	8136-200TL

LONG NOSE STRAIGHT PLIERS

- For confined areas
- Chain nose makes bends and loops
- Hardened, serrated edges, side cutter
- Cushion grips



Code	Size	Ref.
CRE0210	150mm	654-6CV/N
CRE0225	180mm	654-7CV/N

LONG NOSE PLIERS

- Chrome vanadium steel
- Light duty red PVC insulation
- Long jaws
- Side cutter
- Hardened jaws



Code	Size	Ref
WIL0150	140mm	35-140
WIL0155	160mm	35-160
WIL0160	200mm	35-200

LONG NOSE PLIERS HEAVY DUTY

- Forged from carbon steel
- Induction hardened and tempered for longer performance
- Close fit machined jaws
- Bi- Material handles for comfort and grip even with oily hands



Code	Size	Ref.
STA7500	150mm	0-84-053
STA7520	200mm	0-84-625

LONG NOSE PLIERS - VDE 1000V

- Side cutter
- Hardened jaw
- Heavy duty insulation



Code	Size	Ref
WIL0157	160mm	35-160 VDE
WIL0161	200mm	35-200 VDE

LONG NOSE PLIERS FATMAX

- Bi-Material handle with secure grip grooving
- Heat treated high chrome steel forging for long life and durability
- Hand ground, induction hardened blade
- Interlocking joint assembly for smooth cutting



Code	Size	Ref
STA7481	150mm	0-89-869
STA7482	200mm	0-89-870

TRIPLE PLIER - STRIP & CRIMP

- Flat round tapered jaws
- With wire cutter and stripper
- Crimper for conductor end-sleeves, with normal nose
- Chrome plated



Code	Size	Ref
GED6722110	180mm	8133-180JC

TELEPHONE PLIERS - ANGLED TL

- Flat round tapered jaws, straight gripping faces, serrated
- Induction-hardened precise cutting edges
- Hardness ± 62 HRC



Code	Size	Ref
GED6720920	160mm	8132AB-160JC
GED6721300	200mm	8132AB-200JC

TELEPHONE PLIERS - ANGLED JC

- Flat round tapered jaws, straight gripping faces, serrated
- Induction-hardened precise cutting edges
- Hardness ± 62 HRC



Code	Size	Ref
GED6711180	160mm	8132AB-160TL
GED6711260	200mm	8132AB-200TL

LONG NOSE PLIERS - BENT

- 45° bent
- Side cutter
- Hardened jaws
- PVC insulated handle A3



Code	Size	Ref
WIL0185	200mm	36-200

FLAT NOSE PLIERS

- Serrated gripping surfaces
- Long jaws
- DIN ISO 5745



Code	Size	Ref
GED6715170	160mm	8120-160JC

FLAT NOSE PLIERS

- Serrated gripping surfaces
- Long jaws
- DIN ISO 5745



Code	Size	Ref
GED6710370	160mm	8120-160TL

FLAT NOSE PLIERS

- Long jaws
- Flat tapered
- A3 Red PVC insulation



Code	Size	Ref
WIL0140	160mm	15-160

ROUND NOSE PLIERS

- Serrated gripping surfaces
- Short jaws
- DIN ISO 5745



Code	Size	Ref
GED6713200	140mm	8112-140TL

ROUND NOSE PLIERS

- Serrated gripping surfaces
- Short jaws
- DIN ISO 5745



Code	Size	Ref
GED6713390	140mm	8112-140JC

ROUND NOSE PLIERS

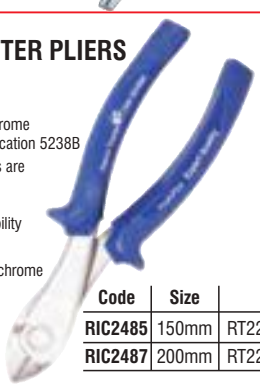
- Long nose
- Round jaws - form loops in wire
- Red P.V.C. insulation



Code	Size	Ref
WIL0145	160mm	25-160

DIAGONAL CUTTER PLIERS PROFI-PLUS

- Manufactured from high grade chrome vanadium tool steel to DIN specification 5238B
- Hardened tempered Cutting edges are induction hardened to 62HRC to guarantee efficient cutting performance and increased durability
- For hard and soft wire
- Head smoothly ground and satin chrome plated for protection against rust
- Extra heavy duty insulated handle with slip guards and comfortable soft-touch grip provide maximum protection



Code	Size	Ref.
RIC2485	150mm	RT22/253-6H
RIC2487	200mm	RT22/254-8H

DIAGONAL CUTTER PLIERS

- Manufactured from high grade chrome vanadium tool steel to DIN specification 5238B
- Smoothly ground satin-chrome plated head
- Cutting edges induction hardened to 62HRC
- For hard, medium hard and soft wire



Code	Size	Size
RIC2490	150mm	RT22/160H
RIC2495	175mm	RT22/162H
RIC2500	200mm	RT22/164H

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

DIAGONAL CUTTERS - HEAVY DUTY

- Durable hardened edge for easy wire cutting and electrical work
- Drop forged carbon steel
- Induction hardened edges for cleaner cutting and durability
- Non-slip cushion grips for comfort

Code	Size
MTS3816	180mm
MTS3818	200mm



DIAGONAL CUTTERS

- Durable hardened edge for easy wire cutting and electrical
- Drop forged carbon steel
- Induction hardened edges for cleaner cutting and durability
- Non-slip cushion grip for comfort

Code	Size
MTS3820	160mm
MTS3830	200mm



SIDE CUTTERS - AMERICAN PATTERN JC

- For hard wire including piano wire
- Induction-hardened precision cutting edges
- Hardness ± 64 HRC
- DIN ISO 5749

Code	Size	Ref
GED6744190	140mm	8316-140JC
GED6744510	160mm	8316-160JC
GED6745080	200mm	8316-200JC



DIAGONAL CUTTERS

- Durable hardened edge for wire cutting and electrical work
- Satin finish
- Drop forged carbon steel
- Induction hardened edges for cleaner cutting and durability
- Non-slip cushion rubber grips for comfort
- Nickel plated

Code	Size
MTS3832	150mm
MTS3834	180mm
MTS3836	200mm



SIDE CUTTERS - AMERICAN PATTERN TL

- For hard wire including piano wire
- Induction-hardened precision cutting edges
- Hardness ± 64 HRC
- DIN ISO 5749

Code	Size	Ref
GED6711930	140mm	8316-140TL



SIDE CUTTERS - HEAVY DUTY

- Forged from carbon steel
- Induction hardened and tempered for longer performance
- Close fit machined jaws
- Bi- Material handles for comfort and grip even with oily hands

Code	Size	Ref
STA7380	150mm	0-84-054
STA7395	180mm	0-84-622



SIDE CUTTER LIGHT DUTY 6601

- Form B
- Precision cutter for all wires including piano wire
- High quality alloy steel
- Mini bevelled cutting edges
- Fitted with double leaf spring
- Induction hardened approximately 63 HRC
- Dip coated with sure grip handles
- Polished head

Code	Size
STW67016110	110mm



PLIER - SIDE CUTTER FATMAX

- Bi-Material handle with secure grip grooving
- Heat treated high chrome steel forging for long life and durability
- Hand ground, induction hardened blade
- Interlocking joint assembly for smooth cutting

Code	Size	Ref
STA7402	150mm	0-89-858
STA7403	190mm	0-89-859
STA7404	200mm	0-89-861



DIAGONAL CUTTERS

- A3 - red PVC insulation
- Swedish pattern

Code	Size	Ref
WIL0195	125mm	40-125
WIL0200	140mm	40-140
WIL0205	160mm	40-160
WIL0207	180mm	40-180



SIDE CUTTER HEAVY DUTY 6602

- Precision cutter for all wires including piano wire
- Bevelled cutting edges
- Induction hardened edges, approximately 63 HRC
- High quality alloy steel
- Dip coated - sure grip handles
- Polished head

Code	Size	Ref
STW67026180	180mm	6602-180
STW67026200	200mm	6602-200





Crescent DIAGONAL CUTTERS - HEAVY DUTY

- Hardened cutting edges
- Square joint design
- Forged alloy steel
- Cushion grip handles

Code	Size	Ref
CRE0050	180mm	542-7C
CRE0060	200mm	542-8C



Crescent DIAGONAL CUTTERS

- Hardened cutting edges
- Square joint design
- Forged alloy steel
- Cushion grip handles

Code	Size	Ref
CRE0100	150mm	933-6C



Will DIAGONAL CUTTERS - ELECTRONIC

- High precision pliers
- Used for electronics, jewellery and crafts
- Yellow PVC handle

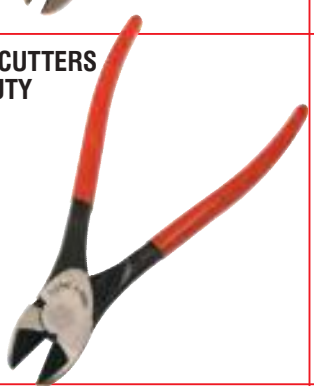
Code	Size	Ref
WIL0300	120mm	240-120



Will DIAGONAL CUTTERS - HEAVY DUTY

- For hardened steel wire
- Made of special steel
- Spring handle
- Red PVC insulation

Code	Size	Ref
WIL0220	160mm	47-160
WIL0225	180mm	47-180
WIL0227	200mm	47-200



Will DIAGONAL CUTTERS - VDE 1000V

- BS heavy duty insulation
- 1000V
- Swedish pattern

Code	Size	Ref
WIL0203	160mm	40-160 VDE
WIL0210	180mm	40-180 VDE



Will DIAGONAL CUTTERS - HEAVY DUTY - VDE 1000V

- VDE 1000v
- American pattern
- For hardened steel wire
- Professional quality
- Heavy duty insulation handle

Code	Size	Ref
WIL0233	205mm	49-205 VDE



Will DIAGONAL CUTTERS - HEAVY DUTY

- American pattern
- For hardened steel wire
- Professional quality
- Heavy duty insulation handle A3

Code	Size	Ref
WIL0230	205mm	49-205



Crescent END NIPPER

- Top quality end cutting tool
- Hardened cutting edges
- Forged alloy tool steel
- Designed throat clearing

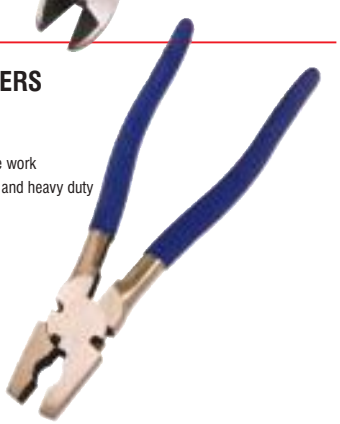
Code	Size	Ref
CRE0125	200mm	72-8CV



MTS FENCING PLIERS

- Multi-usage joint construction
- Oval jaws with deep cut teeth for pipe work
- Pulling point jaws with wire stretcher and heavy duty wire cutter
- Drop forged carbon steel for strength
- Non-slip cushion grips for comfort

Code	Size
HON7036	250mm
HON7038	300mm



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

FENCING PLIERS

- Heavy duty tool drop-forged from finest steel
- Polished head
- Multi-usage joint construction, oval jaws with deep cutting teeth for pipe work and pulling wire
- Wire stretcher and wire cutter on both sides



Code	Size
RIC2530	250mm
RIC2535	300mm

FENCING PLIERS

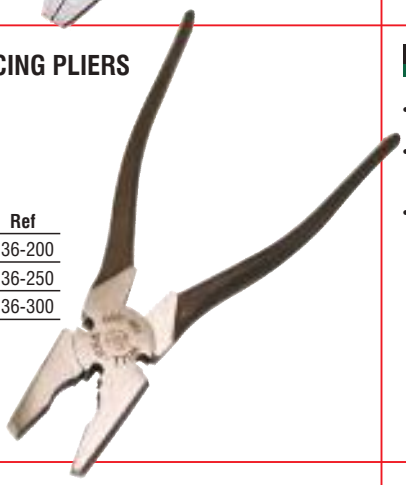
- Heavy duty tool - drop forged
- For wire fencing
- 3 wire cutters
- Pipe grips & teeth in nose
- Hardened jaws



Code	Size	Ref
CRE0130	250mm	1000-10
CRE0135	300mm	1000-12

FENCING PLIERS

- Heavy duty pattern
- 3 wire cutters
- Induction hardened



Code	Size	Ref
WIL0045	200mm	136-200
WIL0050	250mm	136-250
WIL0055	300mm	136-300

WIRE TWISTING PLIER

- Registered design, for wire locking of metal fasteners with side cutter, serrated jaws for positive grip
- 40° angled jaws suitable for locking wires up to ø 1.6mm for clockwise and anti-clockwise use, with automatic return function
- Chrome Vanadium



Code	Size
STW65751220	230mm
STW65751280	280mm

3 PCE MECHANIC PLIER SET

- Drop forged carbon steel
- Induction hardened edges for cleaner cutting and durability
- Non-slip cushion grips for comfort
- Combination plier - 180mm
- Side Cutter - 160mm
- Long Nose - 150mm



Code
MTS3855

3 PCE MECHANIC PLIER SET

- Drop forged carbon steel
- Induction hardened edges for cleaner cutting and durability
- Non-slip double cushion grip for comfort
- Nickel Plated
- Combination pliers - 180 mm
- Side Cutter - 150 mm
- Long Nose Plier - 150mm



Code
MTS3856

PLIERS - JC SET S 8003-JC

- Contents:
- 8132-200 JC telephone plier
- 8250-200 JC combination plier
- 8316-200 JC side cutter



Code	Size
GED6701110	200mm

12-IN-1 MULTI-TOOL

- Stainless steel construction
- High quality nylon holster Includes the following tools:
- Long nose pliers
- Wire cutter
- Saw
- Standard screwdriver (1/4")
- Small knife
- Bottle opener
- Curve jaw pliers
- Standard screwdriver (5/16")
- File
- Large knife
- Phillips® screwdriver
- Standard screwdriver (1/8")



Code	Ref
STA7600	0-84-519

MINI COMBINATION PLIERS

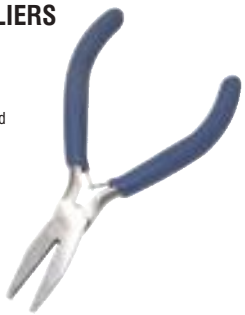
- Ideal for hobbies, electronics and model making
- Drop forged carbon steel for strength
- Induction hardened edges for cleaner cutting and durability
- Non-slip cushion grips for comfort



Code	Size
MTS3865	115mm

MINI FLAT NOSE PLIERS

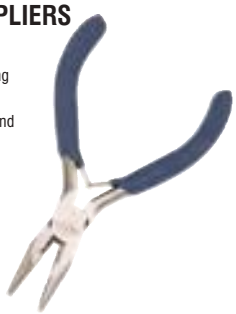
- Ideal for hobbies, electronics and model making
- Drop forged carbon steel for strength
- Induction hardened edges for cleaner cutting and durability
- Non-slip cushion grips for comfort



Code	Size
MTS3890	115mm

MINI LONG NOSE PLIERS

- Ideal for hobbies, electronics and model making
- Drop forged carbon steel for strength
- Induction hardened edges for cleaner cutting and durability
- Non-slip cushion grips for comfort



Code	Size
MTS3900	115mm

MINI DIAGONAL CUTTERS

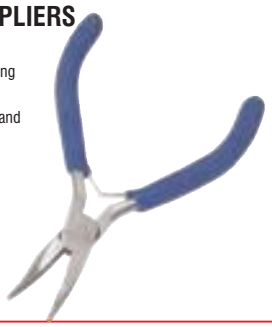
- Ideal for hobbies, electronics and model making
- Drop forged carbon steel for strength
- Induction hardened edges for cleaner cutting and durability
- Non-slip cushion grips for comfort



Code	Size
MTS3870	115mm

MINI BENT NOSE PLIERS

- Ideal for hobbies, electronics and model making
- Drop forged carbon steel for strength
- Induction hardened edges for cleaner cutting and durability
- Non-slip cushion grips for comfort



Code	Size
MTS3860	115mm

MINI END CUT PLIERS

- Ideal for hobbies, electronics and model making
- Drop forged carbon steel for strength
- Induction hardened edges for cleaner cutting and durability
- Non-slip cushion grips for comfort



Code	Size
MTS3880	115mm

MINI LONG NOSE PLIERS - RT22/233B

- Forged from special stainless steel, heat treated for extreme toughness and rigidity
- Cutting edges are electronically hardened
- Precision machined to exacting tolerances to maintain perfect alignment to tips and cutting edges
- Pliers are spring loaded and have vinyl coated handles for comfortable operation
- Essential pliers for home electronics, jewellery repairs, craft work and hobbies



Code	Size
RIC2595	115mm

MINI DIAGONAL CUTTERS RT22/232B

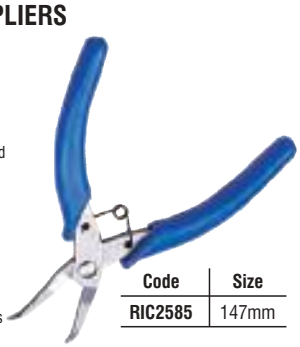
- Forged from special stainless steel, heat treated for extreme toughness and rigidity
- Cutting edges are electronically hardened
- Precision machined to exacting tolerances to maintain perfect alignment to tips and cutting edges
- Pliers are spring loaded and have vinyl coated handles for comfortable operation
- Essential pliers for home electronics, jewellery repairs, craft work and hobbies



Code	Size
RIC2590	122mm

MINI BENT NOSE PLIERS RT22/235B

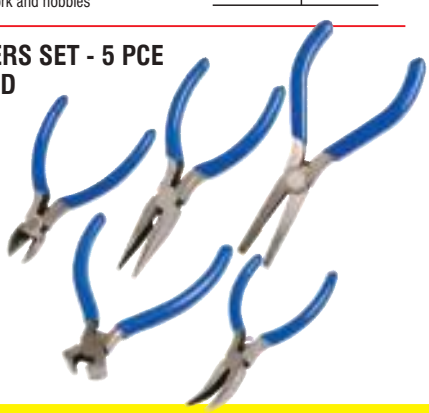
- Forged from special stainless steel, heat treated for extreme toughness and rigidity
- Cutting edges are electronically hardened
- Precision machined to exacting tolerances to maintain perfect alignment to tips and cutting edges
- Pliers are spring loaded and have vinyl coated handles for comfortable operation
- Essential pliers for home electronics, jewellery repairs, craft work and hobbies



Code	Size
RIC2585	147mm

MINI PLIERS SET - 5 PCE RT22/230D

- Same specifications as RIC2585/90/95
- Contents:
  - Mini end cutter
  - Mini bent nose
  - Mini diagonal cutter
  - Mini flat nose
  - Mini long nose



Code
RIC2600

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

STANLEY® MINI LONG NOSE PLIERS

- Forged from carbon steel
- Ground heat treated cutting edges for longer life, durability and accuracy
- Polished heads
- Comfort grip handle s Spring loaded handle



Code	Size	Ref
STA7480	100mm	84-119

STANLEY® PLIERS – MINI SIDE CUTTER

- Forged from carbon steel
- Ground heat treated cutting edges for longer life, durability and accuracy
- Polished heads
- Comfort grip handle s Spring loaded handle



Code	Size	Ref
STA7350	100mm	84-124

RACO WATER PUMP PLIERS

- Manufactured from chrome vanadium tool steel
- Hardened and tempered, provides additional strength
- Chrome plated for corrosion protection
- Precision machined grooved joint for perfect interlocking fit and trouble-free operation
- Multiple parallel jaw positions grip objects firmly
- Comfort cushion-grip handles



Code	Size	Ref.
RIC2640	250mm	RT22/320-10B
RIC2645	300mm	RT22/320-12B

RACO WATER PUMP PLIERS - PROFI-PLUS RT22/319-10C

- Manufactured from chrome vanadium tool steel
- Hardened and tempered to DIN5231D specification
- Satin chrome finish
- Smoothly ground jaws, joint faces and an accurately formed box joint
- Seven position adjustment
- Parallelogram-shaped gripping surface have specially hardened teeth for positive grip on pipes and nuts
- Extra heavy insulated handles with slip guards provide maximum safety and comfort



Code	Size	Ref
RIC2635	250mm	RT22/319-10

MTS WATER PUMP PLIERS

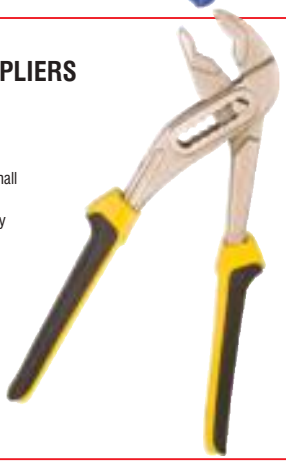
- Versatile plier for plumbing and general work
- Multi-purpose jaws to suit large and small objects
- Non-slip double cushion grips for safety and comfort



Code	Size
MTS3918	200mm
MTS3920	250mm
MTS3922	300mm
MTS3924	400mm

MTS WATER PUMP PLIERS

- Versatile plier for plumbing and general work
- Multi-purpose jaws to suit large and small objects
- Non-slip double cushion grips for safety and comfort
- Yellow and black handle
- Nickel plated



Code	Size
MTS3915	250mm

STAHLWILLE WATER PUMP PLIERS

- With rapid adjustments
- Box joint
- "Hook" adjustment jaw with slot
- Chrome plated
- Chrome plated chequered handle



Code	Size	Ref
STW65544250	250mm	6554
STW65544375	375mm	6554

STAHLWILLE WATER PUMP PLIERS

- Registered design, box joint with dual support, fast adjustment on the work piece via push button, freely adjustable, easy super fine adjustment
- 12 snap-in points
- induction hardened jaw toothing
- safety clamping protection against squeezing injuries



Code	Size	Ref
STW65726240	240mm	6572

GEDORE UNIVERSAL PLIERS

- CHROME VANADIUM steel – 31CrV3
- Chrome plated
- 5 Position notch lock
- Precision milled channels
- Induction hardened teeth

Code	Size	Ref
GED641022	250mm	141/250



GEDORE UNIVERSAL PLIERS

- CHROME VANADIUM steel – 31CrV3
- Chrome plated
- 6 Position notch lock
- Precision milled channels
- Induction hardened teeth
- Pinch protector

Code	Size	Ref
GED641081	250mm	143/250



GEDORE UNIVERSAL PLIERS

- CHROME VANADIUM steel – 31CrV3
- Chrome plated
- 7 Position notch lock
- Precision milled channels
- Induction hardened teeth
- Pinch protector

Code	Size	Ref
GED641200	250mm	145/250



STANLEY PLIERS – GROOVE JOINT

- Forged from carbon steel
- Ground heat treated cutting edges for longer life, durability and accuracy
- Polished heads
- Comfort grip handles

Code	Size	Ref
STA7550	250mm	84-110
STA7560	300mm	84-111



STANLEY GROOVE JOINT

- Bi-material handle with secure grip grooving
- Heat treated high chrome steel forging for long life and durability
- Hand ground, induction hardened blade for long life and high quality accuracy
- Interlocking joint assembly for smooth cutting

Code	Size	Ref
STA7603	200mm	0-84-647
STA7604	250mm	0-84-648
STA7606	300mm	0-84-649



Will WATER PUMP PLIERS

- Box joint
- 7 adjustment positions
- Anti squeeze protection
- Chrome vanadium
- Black lacquered polished jaws
- Black lacquered box frame polished
- Dip coated A3

Code	Size	Ref
WIL0023	250mm	120-250



Will WATER PUMP PLIERS

- Multi grip
- Groove joint
- Bruise protection pattern
- Chrome vanadium
- Black lacquered polished jaws
- Black lacquered box frame polished
- Dip coated A3

Code	Size	Ref
WIL0025	250mm	121-250
WIL5000	315mm	121-315



Will PLIERS – WATERPUMP

- Multi-grip
- Slip joint
- Bruise protection pattern
- Chrome Vanadium
- Black lacquered polished jaws
- Dip coated A3

Code	Size	Ref
WIL0021	250mm	125-250



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

Crescent WATER PUMP PLIER

- Made from finest quality tool steel
- Designed to grip all shapes like rods, pipes and cable connections
- Precision milled ribs assure smooth, positive interlock between two halves with no chance of halves separating or jumping out of grooves
- Straight jaws and self-locking jaw adjustments
- Forged hardened and tempered
- Red non slip cushion handle grip
- 6 Jaw positions



Code	Size	Jaw Opening	Ref
CRE0300	250mm	38mm	RT410CV

Crescent WATER PUMP PLIER

- Made from finest quality tool steel
- Designed to grip all shapes like rods, pipes and cable connections
- Precision milled ribs assure smooth, positive interlock between two halves with no chance of halves separating or jumping out of grooves
- Straight jaws and self-locking jaw adjustments
- Forged hardened and tempered
- Red non slip cushion handle grip
- 12 Jaw positions



Code	Size	Jaw Opening	Ref
CRE0310	500mm	138mm	HL120P

Crescent WATER PUMP PLIER

- Made from finest quality tool steel
- Designed to grip all shapes like rods, pipes and cable connections
- Precision milled ribs assure smooth, positive interlock between two halves with no chance of halves separating or jumping out of grooves
- Straight jaws and self-locking jaw adjustments
- Forged hardened and tempered
- Red non slip cushion handle grip
- 6 Jaw positions



Code	Size	Jaw Opening	Ref
CRE0270	250mm	38mm	RT210CV
CRE0285	300mm	64mm	RT212CV
CRE0295	400mm	108mm	RT216CV

STANLEY SLIP JOINT PLIER - PUSHLOCK

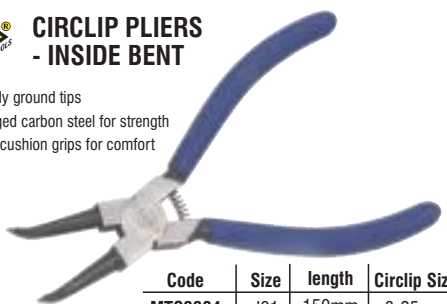
- Bi-material handle with secure grip grooving
- Heat treated high chrome steel forging for long life and durability
- Hand ground, induction hardened blade for long life and high quality accuracy
- Interlocking joint assembly for smooth cutting



Code	Size	Ref
STA7602	200mm	0-84-646

MTS CIRCLIP PLIERS - INSIDE BENT

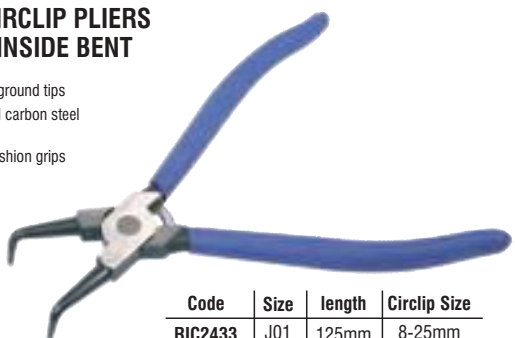
- Accurately ground tips
- Drop forged carbon steel for strength
- Non-slip cushion grips for comfort



Code	Size	length	Circlip Size
MTS3604	J01	150mm	8-25mm
MTS3605	J21	175mm	19-60mm
MTS3606	J31	250mm	40-100mm
MTS3607	J41	300mm	85-165mm

RACO CIRCLIP PLIERS - INSIDE BENT

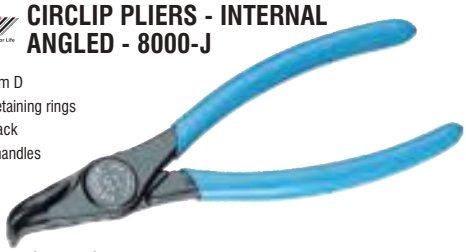
- Accurately ground tips
- Drop forged carbon steel for strength
- Non-slip cushion grips for comfort



Code	Size	length	Circlip Size
RIC2433	J01	125mm	8-25mm
RIC2434	J21	175mm	19-60mm
RIC2435	J31	225mm	40-100mm

GEDORE CIRCLIP PLIERS - INTERNAL ANGLED - 8000-J

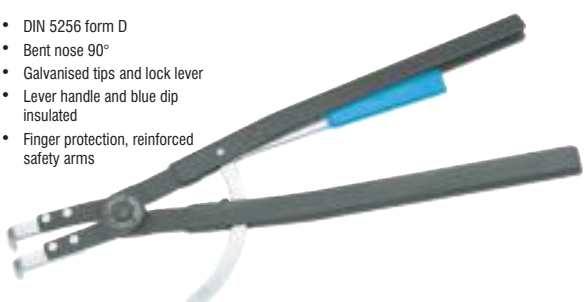
- DIN 5256 form D
- For internal retaining rings
- Enamelled black
- Blue dipped handles



Code	Size	Length	Circlip Size
GED6704130	J01	129mm	8-13mm
GED6704210	J11	129mm	12-25mm
GED6704480	J21	169mm	19-60mm
GED6704560	J31	214mm	40-100mm
GED6704640	J41	282mm	85-140mm

GEDORE CIRCLIP PLIERS - INTERNAL ANGLED - 8000-J

- DIN 5256 form D
- Bent nose 90°
- Galvanised tips and lock lever
- Lever handle and blue dip insulated
- Finger protection, reinforced safety arms



Code	Size	Length	Circlip Size
GED6704720	J51	575mm	122-300mm

CIRCLIP PLIERS - EXTERNAL ANGLED - 8000-A

- DIN 5254 form B
- For external retaining rings
- With opening spring
- Enamelled black
- Red dipped handles



Code	Size	Length	Circlip Size
GED6702270	A01	130mm	3-10mm
GED6702350	A11	130mm	10-25mm
GED6702430	A21	170mm	19-60mm
GED6702510	A31	210mm	40-100mm
GED6702780	A41	305mm	85-140mm

CIRCLIP PLIERS - EXTERNAL ANGLED - 8000-A

- DIN 5256 form D
- Bent nose 90°
- Galvanised tips and lock lever
- Lever handle and red dip insulated
- Finger protection, reinforced safety arms



Code	Size	Length	Circlip Size
GED6702860	A51	560mm	122-300mm

CIRCLIP PLIERS - INSIDE BENT

- DIN 5256 D
- Bent 90˚
- Drop forged
- Precision points
- Dip coated with sure-grip surface
- Polished head



Code	Size	Length	Circlip Size
STW64446001	J01	130mm	8-13mm
STW64446011	J11	130mm	12-25mm
STW64446021	J21	170mm	19-60mm
STW64446031	J31	215mm	40-100mm
STW64446041	J41	300mm	85-140mm

CIRCLIP PLIERS - INSIDE BENT - 142

- Bent 90°
- CHROME VANADIUM steel
- Red PVC insulation A3



Code	Size	Length	Circlip Size
WIL0100	J11	140mm	12-25mm
WIL0105	J21	180mm	19-60mm
WIL0110	J41	310mm	85-140mm

CIRCLIP PLIERS - INSIDE STRAIGHT

- Accurately ground tips
- Drop forged carbon steel for strength
- Non-slip cushion grips for comfort



Code	Size	Length	Circlip Size
MTS3598	J1	150mm	8-25mm
MTS3600	J2	175mm	19-60mm
MTS3602	J3	250mm	40-100mm
MTS3603	J4	300mm	85-165mm

CIRCLIP PLIER - INSIDE STRAIGHT

- Accurately ground tips
- Drop forged carbon steel for strength
- Non-slip cushion grips for comfort



Code	Size	Length	Circlip Size
RIC2437	J1	125mm	8-25mm
RIC2438	J2	175mm	19-60mm
RIC2439	J3	225mm	40-100mm

CIRCLIP PLIERS - INTERNAL STRAIGHT - 8000J

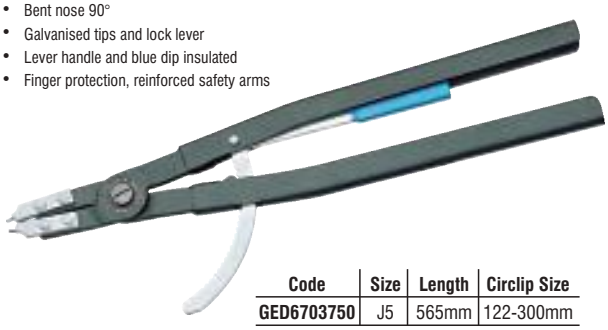
- DIN 5256, Form C
- For internal retaining rings
- With opening spring
- Enamelled black
- Blue dipped handles



Code	Size	Length	Circlip Size
GED6703240	J0	141mm	8-13mm
GED6703320	J1	141mm	12-25mm
GED6703400	J2	183mm	19-60mm
GED6703590	J3	230mm	40-100mm
GED6703670	J4	302mm	85-140mm

CIRCLIP PLIERS - INTERNAL STRAIGHT - 8000J

- DIN 5256 form D
- Bent nose 90°
- Galvanised tips and lock lever
- Lever handle and blue dip insulated
- Finger protection, reinforced safety arms



Code	Size	Length	Circlip Size
GED6703750	J5	565mm	122-300mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

CIRCLIP PLIERS - INSIDE STRAIGHT - 6543

- DIN 5256 C
- Straight
- Drop forged
- Precision points
- Dip coated with sure-grip surface
- Polished head



Code	Size	Length	Circlip Size
STW64436000	J0	140mm	3-10mm
STW64436001	J1	140mm	10-25mm
STW64436002	J2	180mm	19-60mm
STW64436003	J3	225mm	40-100mm
STW64436004	J4	320mm	85-140mm

CIRCLIP PLIERS - INSIDE STRAIGHT - 143

- Straight
- CHROME VANADIUM steel
- Red PVC insulation A3



Code	Size	Length	Circlip Size
WIL0117	J1	140mm	12-25mm
WIL0125	J2	180mm	19-60mm
WIL0130	J3	310mm	85-140mm

CIRCLIP PLIER - OUTSIDE BENT

- Accurately ground tips
- Drop forged carbon steel for strength
- Bent 90º
- Non-slip cushion grips for comfort



Code	Size	Length	Circlip Size	Ref.
RIC2441	A11	125mm	10-25mm	RT22/441H
RIC2442	A21	175mm	19-60mm	RT22/442H
RIC2443	A31	225mm	40-100mm	RT22/443H

CIRCLIP PLIERS - OUTSIDE BENT

- Accurately ground tips
- Drop forged carbon steel for strength
- Non-slip cushion grips for comfort



Code	Size	Length	Circlip Size
MTS3613	A11	150mm	10-25mm
MTS3615	A21	175mm	16-60mm
MTS3616	A31	250mm	40-100mm
MTS3617	A41	300mm	85-165mm

CIRCLIP PLIERS - OUTSIDE BENT - 6546

- DIN 5254 B
- Bent 90°
- Dip coated with sure-grip surface
- With wear resistant compression spring
- Drop forged
- Precision points
- Polished head



Code	Size	Length	Circlip Size
STW64466001	A01	125mm	3-10mm
STW64466011	A11	125mm	10-25mm
STW64466021	A21	170mm	19-60mm
STW64466031	A31	200mm	40-100mm
STW64466041	A41	290mm	85-140mm

CIRCLIP PLIERS - OUTSIDE BENT - 140

- Bent 90°
- Chrome vanadium steel
- Red P.V.C insulation A3



Code	Size	Length	Circlip Size
WIL0060	A11	140mm	10-25mm
WIL0065	A21	180mm	19-60mm
WIL0070	A41	310mm	85-140mm

CIRCLIP PLIERS - OUTSIDE STRAIGHT

- Accurately ground tips
- Drop forged carbon steel for strength
- Non-slip cushion grips for comfort



Code	Size	Length	Size
MTS3608	A1	150mm	10-25mm
MTS3610	A2	175mm	16-60mm
MTS3611	A3	250mm	40-100mm
MTS3612	A4	300mm	85-165mm

CIRCLIP PLIER - OUTSIDE STRAIGHT

- Accurately ground tips
- Drop forged carbon steel for strength
- Non-slip cushion grips for comfort



Code	Size	Length	Circlip Size
RIC2446	A11	125mm	10-25mm
RIC2447	A21	175mm	19-60mm
RIC2448	A31	225mm	40-100mm

CIRCLIP PLIERS OUTSIDE STRAIGHT - 8000-A

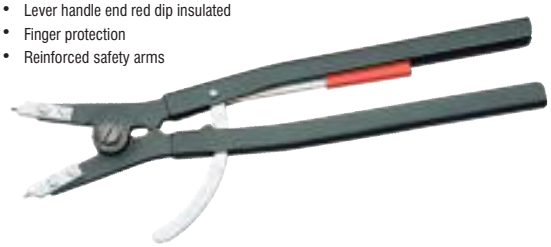
- DIN 5254, Form A
- For external retaining rings
- With opening spring
- Enamelled black
- Red dipped handles



Code	Size	Circlip Size
GED6701380	A0	3-10mm
GED6701460	A1	10-25mm
GED6701540	A2	19-60mm
GED6701700	A4	85-140mm

CIRCLIP PLIERS - EXTERNAL STRAIGHT - 8000A

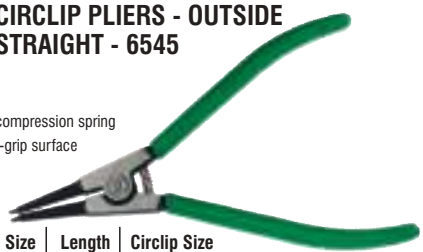
- Galvanised tips and lock lever
- Lever handle end red dip insulated
- Finger protection
- Reinforced safety arms



Code	Size	Length	Circlip Size
GED6701890	A5	550mm	122-300mm

CIRCLIP PLIERS - OUTSIDE STRAIGHT - 6545

- DIN 5254 A
- Straight
- With wear resistant compression spring
- Dip coated with sure-grip surface
- Drop forged
- Precision points
- Polished head



Code	Size	Length	Circlip Size
STW64456000	A0	140mm	3-10mm
STW64456001	A1	140mm	10-25mm
STW64456002	A2	180mm	19-60mm
STW64456003	A3	210mm	40-100mm
STW64456004	A4	315mm	85-140mm

CIRCLIP PLIERS - OUTSIDE STRAIGHT - 141

- Straight
- Chrome vanadium steel
- Light duty red PVC insulation



Code	Size	Length	Circlip Size
WIL0080	A1	140mm	10-25mm
WIL0085	A2	180mm	19-60mm
WIL0090	A4	310mm	85-140mm

CIRCLIP PLIERS - FLAT TIP - 144

- Chrome vanadium steel
- Light duty red PVC insulation



Code	Length
WIL0133	210mm

CIRCLIP PLIERS - SPECIAL FOR SLOTTED - 6547

- For slotted circlips (as used on shafts of engines, gearboxes, differentials, clutches)
- With wear resistant compression spring
- Chrome plated, chequered
- Head mat chrome plated



Code	Length
STW64474170	170mm

CIRCLIP PLIERS - SET 4-IN-1

- Accurately ground tips
- 10 - 50 mm capacity
- 4 interchangeable sets of jaws
- 6 different internal / external applications
- Moulded PVC grips for comfort



Code
MTS3625

CIRCLIP PLIER SET - 4-IN-1 - RT22/261B

- Combination circlip plier set for internal and external circlips with capacity range of 10 – 50mm
- Set comes complete with four interchangeable sets of jaws
- Six different internal /external applications
- Jaw heads are manufactured from selected steel, hardened and tempered
- Comfort cushion grips

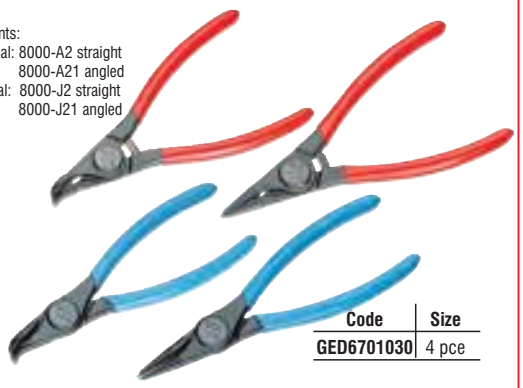


Code
RIC2400

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

CIRCLIP PLIERS - SET S 8000

- Contents:
  External: 8000-A2 straight
  8000-A21 angled
  Internal: 8000-J2 straight
  8000-J21 angled



Code	Size
GED6701030	4 pce

CRIMPING KIT - 121 PCE

- Crimping Plier 5 way
- Assortment of copper-sleeve insulated terminals
- Selection includes the most often used connectors
- Convenient storage box with clear lid for easy visibility
- Crimps insulated terminals (1.5, 2.5, 4.0 & 6mm²)
- Crimps non-insulated terminals (4-6, 2.5 & 1,5mm²)
- Strips and cuts wire (6.4, 2.5, 1.5, 1.0 & 0.75mm²)
- Cuts bolts (ISO) M2.6, M3, M3.5, M4 & M5



Code
RIC2445

CRIMPING SET 66 PCE

- A multi-purpose tool which combines wire stripping, wire cutting, and terminal crimping
- Included in the kit:
- 20 spade terminals
- 20 ring terminals
- 25 x 100mm cable ties
- Crimper and stripper



Code
MTS3814

5 WAY CRIMPING PLIER - RT21/101B

- Manufactured from hardened steel, heat treated
- Black oxide finish with easy-to-read markings
- Non-slip, comfortable, insulated vinyl grips
- Easily cuts and strips wire, cuts bolts and crimps all popular terminals
- Capacities:
  Crimps insulated terminals 1.5, 2.5, 4.0, 6mm²
  Crimps non insulated terminals 1.5, 2.5, 4.0, 6mm²
  Strips & cuts wire 0.75, 1.0, 1.5, 2.5, 6.4mm²
  Cuts bolts (ISO) M2.6, M3, M3.5, M4, M5



Code	Size
RIC2440	225mm

CRIMPING PLIER - HEAVY DUTY RT21/71B

- Heavy duty model for professional use
- Ratchet mechanism for maximum crimp
- Left or right hand operation
- Capacities:
  Copper tube terminals 1.5, 2.5, 4, 6, 10mm²
  Non insulated terminals 1.25, 2, 3.5, 5.5, 8mm²
- Comfortable, non-slip, moulded vinyl grip handles



Code	Size
RIC2450	275mm

CRIMPING PLIER - HEAVY DUTY RT21/72B

- Heavy duty model for professional use
- Ratchet mechanism for maximum crimp
- Left or right hand operation
- Capacities:
  Copper tube terminals 1.5, 2.5, 4, 6, 10, 16mm²
  Non insulated terminals 1.25, 2, 3.5, 5.5, 8, 14mm²
- Comfortable, non-slip, moulded vinyl grip handles



Code	Size
RIC2455	300mm

INDUSTRIAL CRIMPING PLIER RT21/40B

- Industrial model for roll pressing non-insulated flat junction terminals 0.5-1.0mm², 1.1-2.5mm²
- Six section pressure adjustment
- Automatic locking device with power gear makes opening of the tool impossible until the correct pressure is applied
- Comfortable handle grips with reinforced nylon and 30% glass fibre



Code	Size
RIC2465	200mm

INDUSTRIAL CRIMPING PLIER RT21/42

- Industrial model for roll pressing non-insulated flat junction terminals and crimps for most popular sizes 0.5-1.0mm², 1.1-2.5mm², 4.0-6.00mm², 8.0mm²-10mm²
- Six section pressure adjustment
- Put terminal into die on top of crimper and press the cushion handle slowly then ratchet will automatically stop to make the terminal fixed in the die
- Automatic locking device with power gear makes opening of the tool impossible until the correct pressure is applied
- Comfortable handle grips with reinforced nylon and 30% glass fibre



Code	Size
RIC2470	230mm

HEAVY DUTY CRIMPING PLIER YYT1

- Heavy duty model for professional use
- Ratchet mechanism for maximum crimp
- Left or right hand operation
- Suitable for crimping a range of copper tube and non-insulated terminals
- Comfortable, non-slip, moulded vinyl grip handles



Code	Size
RIC2475	250mm

CRIMPING TOOL - AK1MA

- Controlled cycle tool ensures proper crimp every time
- Double compound action delivers maximum crimp force with minimum effort
- Specially designed nest compresses all copper strands together
- Resulting in low resistance quality connections
- For copper wires non insulated terminals, butt connectors and parallels
- Release knob



Code	Terminal size	Crimping capacity	Tool Nest Size
LOB0003	1.25mm²	0.25-1.65mm²	1mm
	2.00mm²	1.04-2.63mm²	2mm

CRIMPING PLIER - AK100

- Controlled cycle tool ensures proper crimp every time
- Double compound action delivers maximum crimp force with minimum effort
- Specially designed nest compresses all copper strands together
- Uses copper sleeves and terminals butt and parallel
- Lever action



Code	Terminal size	Crimping capacity	Tool Nest Size
LOB0025	22mm	16.78-26.66mm²	22mm
	38mm	26.66-42.42mm²	38mm
	60mm	42.42-60.57mm²	60mm
	80mm	76.28-96.30mm²	80mm
	100mm	96.30-117.20mm²	100mm

CRIMPING PLIER - AK60

- Controlled cycle tool ensures proper crimp every time
- Double compound action delivers maximum crimp force with minimum effort
- Specially designed nest compresses all copper strands together
- Uses copper sleeves and terminals butt and parallel
- Lever action



Code	Terminal size	Crimping capacity	Tool Nest Size
LOB0020	14mm²	10.52-16.78mm²	14mm
	22mm²	6.78-26.66mm²	22mm
	38mm²	26.66-42.42mm²	38mm
	60mm²	42.42-60.57mm²	60mm

CRIMPING RATCHET - AK15A

- Controlled cycle tool ensures proper crimp every time
- Double compound action delivers maximum crimp force with minimum effort
- Specially designed nest compresses all copper strands together
- Resulting in low resistance quality connections
- For copper wires non insulated terminals, butt connectors and parallels
- Release knob



Code	Terminal size	Crimping capacity	Tool Nest Size
LOB0005	1.25mm²	0.25-1.65mm²	1.25mm
	2.00mm²	1.04-2.63mm²	2mm
	5.5mm²	2.63-6.64mm²	5.5mm
	8mm²	6.64-10.52mm²	8mm

CRIMPING RATCHET - AK19A

- Controlled cycle tool ensures proper crimp every time
- Double compound action delivers maximum crimp force with minimum effort
- Specially designed nest compresses all copper strands together
- Resulting in low resistance quality connections
- For copper wires non insulated terminals, butt connectors and parallels
- Release knob



Code	Terminal size	Crimping capacity	Tool Nest Size
LOB0010	5.5mm²	2.63-6.64mm²	5.5mm
	8mm²	6.64-10.52mm²	8mm
	14mm²	10.52-16.78mm²	14mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

AUTOMATIC STRIPPER/CRIMPER HEAVY DUTY - RT21/535B



- Automatic self-adjusting, Multi-function tool for stripping, cutting and crimping
- Unique for wire stripping - steel jaws self adjust to strip copper or aluminium wire, solid or stranded
- Only light pressure is needed to make wire stripping fast and easier
- Sharp cutters are made of high grade steel, hardened to HRC40-50 and precision machined
- Handles insulated with tough ABS plastic for safety & comfort
- Specifications:
  Stripping wire AWG 10 - 22 gauge (0.5 - 6.0mm^2)
  Insulated terminals AWG 22 - 10 (1.5 - 6.0mm^2)
  Non insulated terminals AWG 22 - 10 (1.5 - 6.0mm^2)
  Auto ignition terminals 7 - 8mm

Code	Size
RIC4010	210mm

AUTOMATIC WIRE STRIPPER RT21/531BB



- Designed for one-hand, quick stripping
- Automatic feature holds jaws open for removing wire witout crushing end
- Tough construction, high grade alloy steel blades are accurately notched and honed
- Insulated, vinyl coated handles are spring action loaded for operator comfort
- For stripping wire 1.0, 1.6, 2.0, 2.6, 3.2mm

Code	Size
RIC4020	170mm

AUTO WIRE STRIPPER



- This automatic wire stripper grips the wire and strips in one easy movement
- The length of strip can be adjusted up to 20 mm
- Wire with diameters of 1.0, 1.6, 2.0, 2.6, 3.2 mm can be accommodated

Code	Size
MTS4595	170mm

WIRE STRIPPER



- Range 1.0mm to 3.2mm

Code
BTH1000

WIRE STRIPPER 84/214



- Forged from carbon steel
- Ground heat treated cutting edges for longer life, durability and accuracy
- Comfort vinyl grip handles
- Convenient hole for looping or bending wire
- Ideal for cutting and stripping speaker wire and appliance cords
- Slide adjust for various gauge wire

Code
STA5600

WIRE STRIPPER - 79



- For stripping cable & flex
- Adjustable for wire thickness
- Spring loaded
- Red P.V.C. handle

Code	Size
WIL0281	160mm

CABLE/WIRE CUTTER - RT215/16B



- Light and compact, one hand action pocket tool
- Cuts wire and cable cleanly up to 3mm
- Hardened and tempered high carbon alloy steel blades and cutting edges are smooth ground for easier cutting
- Hardened leverage handles have vinyl dipped grips and are spring loaded with a safety latch lock

Code	Size
RIC0945	190mm

CABLE CUTTER



- Hardened and tempered head cuts up to 17mm copper cable
- Drop forged carbon steel for strength
- Induction hardened edges for cleaner cutting and durability
- Non-slip double cushion grips for comfort

Code	Size
MTS3770	225mm

CABLE CUTTER PLIER 0-89-874



- Bi-Material handle with secure grip grooving
- Heat treated high chrome steel forging for long life and durability
- Hand ground, induction hardened blade
- Interlocking joint assembly for smooth cutting

Code	Size
STA7700	215mm

IRWIN Record CABLE CUTTER - WC16

- The drop forged steel head with specially profiled cutting edges
- Providing a cutting capacity for steel and armoured cable
- Long tubular steel handles with rubber grips provide ample leverage to cut
- Capacity:
  21mm OD steel
  (armoured cable)
  16mm OD
  Wire Rope

Code	Size
REC5410	710mm



Will CABLE CUTTER PLIER - 1000V 537

- Specially formed cutting jaws to grip cable securely
- Cuts cable up to 8mm Ø
- Also up to 38mm²
- Has class A3 insulation
- Cutting edges additionally hardened

Code	Size
WIL0146	210mm



IRWIN Record CABLE CUTTER - 1505518

- Induction hardened cutting edges which stay sharp for longer
- For cutting cable

Code	Size
REC5395	200mm



IRWIN Record CABLE CUTTER - MEDIUM DUTY - CC26

- The drop forged steel head is contoured to surround the cable before the cut is made
- Long tubular steel handles with rubber grips provide ample leverage to cut
- Unarmoured copper or aluminium cables

Code	Size	Capacity
REC5405	610mm	26mm



IRWIN Record WIRE ROPE & STEEL CUTTER - WC6

- Light duty wire rope cutter
- 6.5mm mild Steel & unarmoured electric cable
- 5mm HT steel rope, soft steel wire & aluminium rod
- 2.5mm spring steel wire
- 4mm steel rod

Code	Size
REC5645	200mm



MTS CONCRETE NIPPER

- Known as steel fixing pliers
- Used for concrete reinforcing wire
- Twist and cut binding wire in one operation
- Drop forged carbon steel for strength
- Non-slip cushion grip for comfort

Code	Size
MTS3812	250mm



GROZ tools to trust CONCRETE NIPPER

- Used for fixing steel reinforcing in concrete slabs, beams and columns

Code	Size
GRO3005	250mm



STAHLWILLE CONCRETE NIPPER - 6660

- DIN ISO 9242
- Limit on opening angle to ensure single handed closure (registered design)
- Little effort required due to optimized cutter geometry
- Induction hardened cutters provide excellent resistance to wear
- Special steel
- Drop forged
- Oil hardened
- Used for fixing steel reinforcing in concrete slabs, beams and columns

Code	Size
STW67601250	250mm



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

CONCRETE NIPPER - 170

- Used for fixing steel reinforcing in concrete slabs, beams and columns
- Long jaws



Code	Size
WIL0137	250mm

TOWER PINCERS

- Heavy duty wire braid and mesh cutting pincers
- Induction-hardened precision cutting edges
- Hardness ± 62 HRC
- Heads ground black with blue dipped handle protectors
- DIN ISO 9242, Form A



Code	Size	Ref
GED6752020	225mm	8380-225TL
GED6752100	250mm	8380-250TL

CARPENTER'S PINCER

- Pincers with beveled edges and polished head
- Ideal for removing nails and pins
- Drop forged carbon steel for strength
- Non-slip cushion grips for comfort



Code	Size
MTS3700	200mm

PINCERS

- Standard heavy duty pincer
- Induction-hardened precision cutting edges
- Hardness ± 62 HRC
- Heads ground black with blue dipped handle protectors
- DIN ISO 9243 Form A



Code	Size	Ref
GED6752370	160mm	8381-160TL
GED6751990	200mm	8381-200TL
GED6752450	225mm	8381-225TL

CARPENTER'S PINCER - 160

- For removing panel pins, Small nails and tacks



Code	Size
WIL0136	200mm

GLASS PLIERS

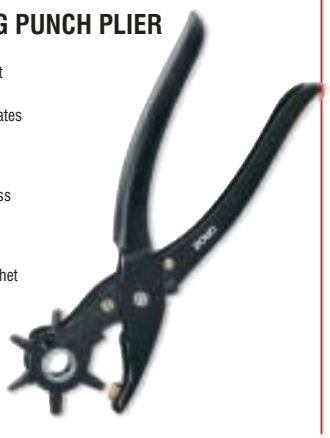
- Used for breaking off narrow strips of glass
- Has very wide, deep jaws



Code	Size
WIL0143	200mm

REVOLVING PUNCH PLIER

- Made from heavy gauge pressed sheet steel
- Spring loaded revolving head incorporates 6 punches of sizes, 2 mm, 2.5 mm, 3 mm, 3.5 mm, 4 mm, 4.5 mm
- Punches are accurately treated for extended life and are exposed to a brass anvil which prevents the edges from getting damaged in use
- Each punch locates exactly in position locking in place with the pawl and ratchet mechanism



Code	Size
GRO3075	220mm

REVOLVING PUNCH PLIER 150

- Heavy duty sheet metal
- Changeable heat treated cutting tubes
- 6 Sizes 2.0, 2.5, 2.8, 3.2, 4mm
- Centred ratchet mechanism



Code	Size
WIL0147	205mm

KRAUSE LEAD SEALING PLIER

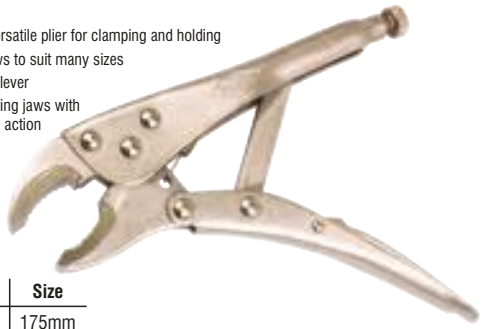
- For sealing locks, doors, box - hasps
- Uses tamper proof wire and lead seals



Code	Size
GER4000	200mm
GER4010	Spare Anvil

MTS LOCKGRIP PLIERS

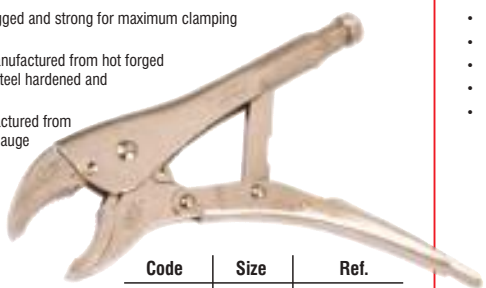
- A practical, versatile plier for clamping and holding
- Adjustable jaws to suit many sizes
- Quick release lever
- Serrated gripping jaws with strong locking action



Code	Size
MTS6500	175mm
MTS6510	250mm

RACO LOCKGRIP PLIERS

- Heavy duty tool, rugged and strong for maximum clamping performance
- Curved jaws are manufactured from hot forged chrome vanadium steel hardened and tempered
- Handles are manufactured from high quality heavy gauge pressed steel with hardened rivets
- Pliers adjust easily to lock at any size with desired amount of pressure and release lever opens jaws fully
- Corrosion nickel plated



Code	Size	Ref.
RIC5470	180mm	RT23/131-5B
RIC5480	250mm	RT23/131-10B

STAHLWILLE UNIVERSAL SELF GRIP - 6563

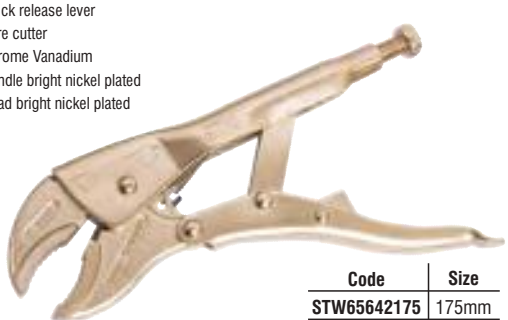
- Forged jaws(one straight, one contoured)
- Quick release lever
- Chrome Vanadium
- Handle bright nickel plated
- Head bright nickel plated



Code	Size
STW65632250	250mm

STAHLWILLE PLIERS - SELF GRIP - 6564

- Forged contoured jaws
- Quick release lever
- Wire cutter
- Chrome Vanadium
- Handle bright nickel plated
- Head bright nickel plated



Code	Size
STW65642175	175mm
STW65642250	250mm

IRWIN Record CURVED JAW VICEGRIP WITH WIRECUTTER

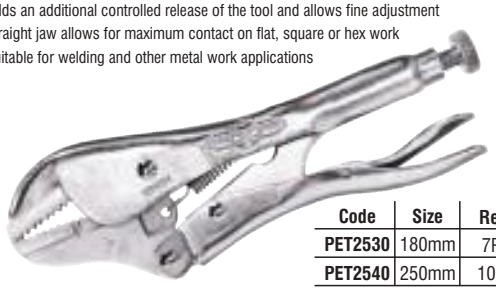
- Locking pliers are equipped with a hex adjusting screw on the adjustment bolt
- Adds an additional controlled release of the tool and allows fine adjustment
- Curved jaws provide a better fit when holding round stock
- Used as non slip pipe wrench
- Emergency handle, added leverage to screwdriver handles or as multipurpose clamp



Code	Size	Ref
PET2600	100mm	4WR
PET2610	125mm	5WR
PET2620	180mm	7WR
PET2630	250mm	10WR

IRWIN Record VICEGRIP - LOCKING - STRAIGHT

- Locking pliers are equipped with a hex adjusting screw on the adjustment bolt
- Adds an additional controlled release of the tool and allows fine adjustment
- Straight jaw allows for maximum contact on flat, square or hex work
- Suitable for welding and other metal work applications



Code	Size	Ref
PET2530	180mm	7R
PET2540	250mm	10R

STANLEY CURVED LOCKING PLIER

- Curved jaws for greater pressure on nuts and screws
- Chrome Vanadium steel jaws
- Easy-release handle



Code	Size	Ref
STA6320	180mm	84-368
STA6330	250mm	84-369

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

STANLEY LOCKING PLIER - STRAIGHT

- Chrome Vanadium steel jaws
- Straight jaws for greater pressure on nuts and screws
- Easy release handle



Code	Size	Ref
STA6331	180mm	84-370
STA6332	250mm	84-371

GEDORE PLIER - GRIP - 137

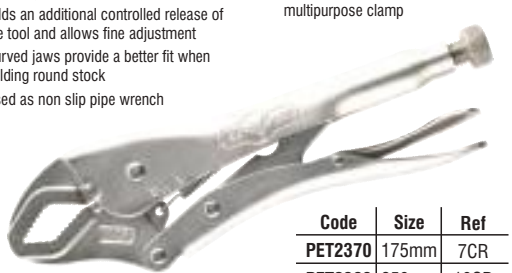
- For secure clamping, gripping and holding
- Chrome vanadium steel 31CrV3
- Nickel plated
- Induction hardened jaws
- 3 Point shape bottom jaw, upper jaw with wire groove
- With adjusting screw and release lever with moulded plastic grip



Code	Size
GED640662	175mm
GED640670	250mm

IRWIN Record CURVED JAW VICEGRIP

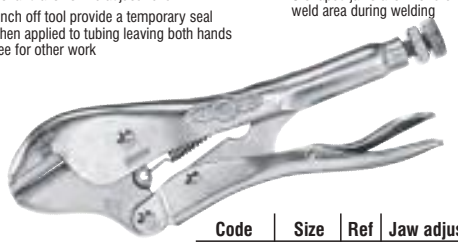
- Locking pliers are equipped with a hex adjusting screw on the adjustment bolt
- Adds an additional controlled release of the tool and allows fine adjustment
- Curved jaws provide a better fit when holding round stock
- Used as non slip pipe wrench
- Emergency handle, added leverage to screwdriver handles or as multipurpose clamp



Code	Size	Ref
PET2370	175mm	7CR
PET2360	250mm	10CR

IRWIN Record LOCKING PLIERS - PINCH OFF TOOL

- Locking pliers are equipped with a hex adjusting screw on the adjustment bolt
- Adds an additional controlled release of the tool and allows fine adjustment
- Pinch off tool provide a temporary seal when applied to tubing leaving both hands free for other work
- This provides an ideal solution for the accurate alignment of both round and square shapes tubing
- U shaped jaws allow for the visibility of the weld area during welding



Code	Size	Ref	Jaw adjustment
PET2480	180mm	RR	up to 25.4mm

IRWIN Record PLIERS - LOCKING PINCH OFF TOOL

- Locking pliers are equipped with a hex adjusting screw on the adjustment bolt
- Adds an additional controlled release of the tool and allows fine adjustment
- Pinch off tool provides a temporary seal when applied to tubing, leaving both hands free for other work



Code	Size	Ref
PET2625	250mm	10VR

IRWIN Record LONG NOSE VICEGRIP WITH CUTTER

- Locking pliers are equipped with a hex adjusting screw on the adjustment bolt
- Adds an additional controlled release of the tool and allows fine adjustment
- Long straight nose of this tool allows for use in confined narrow spaces making it ideal for precision work



Code	Size	Ref
PET2440	100mm	4LN
PET2450	150mm	6LN
PET2460	230mm	9LN

GEDORE WELDING GRIP - 138

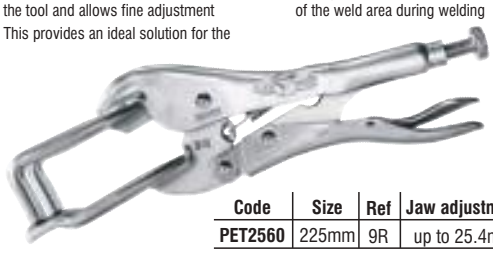
- For clamping bands and profile sections when welding
- Chrome vanadium steel 31CrV3
- Nickel plated
- Strong malleable cast iron jaws, flame resistant
- With adjusting screw and release lever



Code	Size
GED640735	280mm

IRWIN Record LOCKING WELDING CLAMP

- Locking pliers are equipped with a hex adjusting screw on the adjustment bolt
- Adds an additional controlled release of the tool and allows fine adjustment
- This provides an ideal solution for the accurate alignment of both round and square shapes tubing
- U shaped jaws allow for the visibility of the weld area during welding



Code	Size	Ref	Jaw adjustment
PET2560	225mm	9R	up to 25.4mm

IRWIN Record LOCKING SHEET METAL TOOL

- Locking pliers are equipped with a hex adjusting screw on the adjustment bolt
- Adds an additional controlled release of the tool and allows fine adjustment in the forming and shaping of sheet material
- Sheet metal tool allows for the safe handling of the metal



Code	Size	Ref	Jaw adjustment
PET2520	200mm	8R	up to 45mm

IRWIN Record PLIERS - LOCKING - C CLAMP REGULAR TIPS

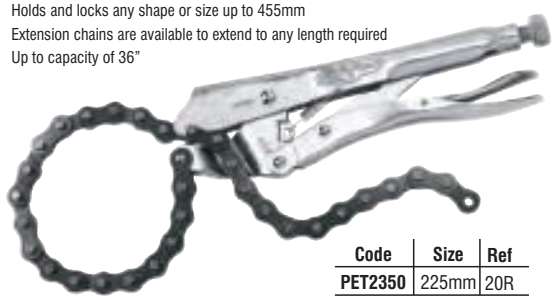
- Locking pliers are equipped with a hex adjusting screw on the adjustment bolt
- Adds an additional controlled release of the tool and allows fine adjustment
- Wider opening of jaws and greater throat depth make C- Clamp range a particular favourite with welder and steel fabricators



Code	Size	Ref	Jaw adjustment
PET2320	150mm	6R	up to 50mm
PET2240	275mm	11R	up to 100mm
PET2270	455mm	18R	up to 200mm
PET2290	600mm	24R	up to 3170mm

IRWIN Record LOCKING CHAIN CLAMP

- Locking pliers are equipped with a hex adjusting screw on the adjustment bolt
- Adds an additional controlled release of the tool and allows fine adjustment
- Holds and locks any shape or size up to 455mm
- Extension chains are available to extend to any length required
- Up to capacity of 36”



Code	Size	Ref
PET2350	225mm	20R

MTS AVIATION TINSNIP - LEFT RED

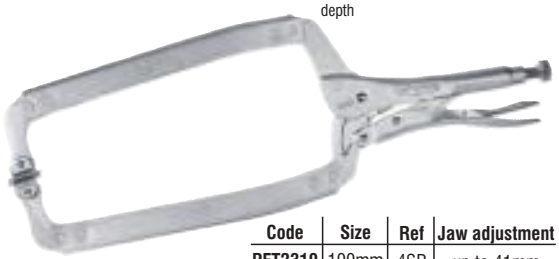
- Cuts sheet metal up to 1.2mm and stainless steel up to 0.7mm
- Professional quality
- Quality steel blades
- Colour coded for easy identification of direction of cut



Code	Size
HON9025	250mm

IRWIN Record LOCKING C CLAMP WITH SWIVEL PADS

- Locking pliers are equipped with a hex adjusting screw on the adjustment bolt
- Adds an additional controlled release of the tool and allows fine adjustment
- Swiveling pads allows this clamp to be used the in holding of irregular shapes as well as tapered work pieces
- Added advantages of greater throat depth



Code	Size	Ref	Jaw adjustment
PET2310	100mm	4SP	up to 41mm
PET2330	150mm	6SP	up to 54mm
PET2250	275mm	11SP	up to 102mm
PET2280	455mm	18SP	up to 200mm

GEDORE PLIER - “C” GRIP - 138Y

- For clamping bulky profiles and angle sections
- Chrome vanadium steel 31CrV3
- Nickel plated
- Forged hardened jaws
- With adjusting screw and release lever



Code	Size
GED640786	280mm

RACO AVIATION TINSNIP - LEFT RED - RT27/213D

- Expert quality, these professional shears are manufactured to DIN 6438 specifications
- High quality cutting strength, toughness and durability for the most demanding professional
- Compound leverage design makes for easy cutting of a wide range of materials from sheet
- metal up to 1,2mm and stainless steel sheet up to 0,7mm
- Blades are drop forged from high quality chrome molybdenum steel, hardened and tempered to HRC55-58
- Cutting edges are serrated to prevent slipping and are additionally hardened to HRC60-62 for long service life
- The blades are wear resistant with a stain-matt industrial finish
- Rugged heavy gauge steel handles and all screws are heat treated for additional strength
- High leverage handles are spring loaded with colour coded vinyl grips for comfort



Code	Size
RIC4540	250mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

IRWIN AVIATION TINSNIP - LEFT RED 10504309N

- Precision formed blades for longer cutting life
- Ergonomically designed over moulded soft grips for a perfect balance of comfort and performance in the hand
- Long life torsion spring for smooth and consistent cut
- Straight, and left curves
- Cut Capacity - 1.19mm sheet metal 0.84mm in stainless steel
- length cut - 3.34cm



Code	Size
GIL0250	250mm

STANLEY AVIATION TINSNIP - LEFT RED 2-14-562

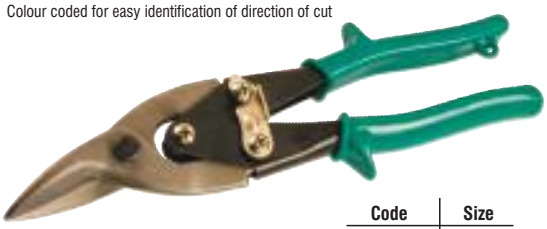
- Compound leverage design makes for easy cutting in a wide range of materials
- Sheet metal up to 1.2mm and stainless steel up to 0.7mm
- Blades are dropped forged from high quality chrome molybdenum steel, hardened and tempered to HRC55-58º
- Cutting edges are serrated to prevent slipping and are additionally hardened to HRC 60-62º for long service life
- Blades are wear resistant with satin mat industrial finish
- Rugged heavy gauge steel handles and screws are heat treated
- High leverage handles are spring loaded with colour vinyl grip s Bi-Material easy grip handle



Code	Size
STA6200	254mm

MTS AVIATION TINSNIP - RIGHT GREEN

- Cuts sheet metal up to 1.2mm and stainless steel up to 0.7mm
- Professional quality
- Quality steel blades
- Colour coded for easy identification of direction of cut



Code	Size
HON9026	250mm

RACO AVIATION TINSNIP - RIGHT GREEN - RT27/212D

- Expert quality, these professional shears are manufactured to DIN 6438 specifications
- High quality cutting strength, toughness and durability for the most demanding professional
- Compound leverage design makes for easy cutting of a wide range of materials from sheet
- metal up to 1,2mm and stainless steel sheet up to 0,7mm
- Blades are drop forged from high quality chrome molybdenum steel, hardened and tempered to HRC55-58
- Cutting edges are serrated to prevent slipping and are additionally hardened to HRC60-62 for long service life
- The blades are wear resistant with a stain-matt industrial finish
- Rugged heavy gauge steel handles and all screws are heat treated for additional strength
- High leverage handles are spring loaded with colour coded vinyl grips for comfort



Code	Size
RIC4550	250mm

IRWIN AVIATION TINSNIP - RIGHT GREEN 10504310N

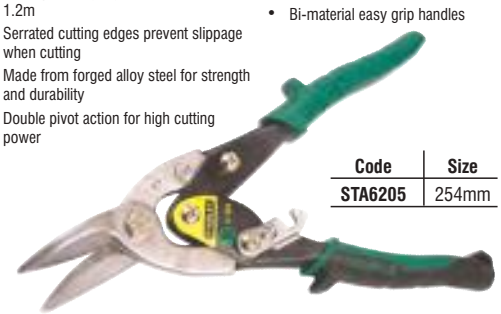
- Precision formed blades for longer cutting life
- Ergonomically designed over moulded soft grips for a perfect balance of comfort and performance in the hand
- Long life torsion spring for smooth and consistent cut
- Straight and right curves
- Cut capacity - 1.19mm sheet metal 0.84mm in stainless steel
- length cut - 3.34cm



Code	Size
GIL0255	250mm

STANLEY AVIATION TINSNIP - RIGHT GREEN 2-14-564

- Cuts up to 18 gauge mild steel 0.7 to 1.2m
- Serrated cutting edges prevent slippage when cutting
- Made from forged alloy steel for strength and durability
- Double pivot action for high cutting power
- One handed automatic latch release
- Bi-material easy grip handles



Code	Size
STA6205	254mm

MTS AVIATION TINSNIP - STRAIGHT YELLOW

- Cuts sheet metal up to 1.2mm and stainless steel up to 0.7mm
- Professional quality
- Quality steel blades
- Colour coded for easy identification of direction of cut



Code	Size
HON9027	250mm

AVIATION TINSNIP - STRAIGHT YELLOW RT27/211D

- Expert quality, these professional shears are manufactured to DIN 6438 specifications
- High quality cutting strength, toughness and durability for the most demanding professional
- Compound leverage design makes for easy cutting of a wide range of materials from sheet metal up to 1,2mm and stainless steel sheet up to 0,7mm
- Blades are drop forged from high quality chrome molybdenum steel, hardened and tempered to HRC55-58
- Cutting edges are serrated to prevent slipping and are additionally hardened to HRC60-62 for long service life
- The blades are wear resistant with a stain-matt industrial finish
- Rugged heavy gauge steel handles and all screws are heat treated for additional strength
- High leverage handles are spring loaded with colour coded vinyl grips for comfort



Code	Size
RIC4560	250mm

AVIATION TINSNIP - STRAIGHT YELLOW 10504311N

- Precision formed blades for longer cutting life
- Ergonomically designed over moulded soft grips for a perfect balance of comfort and performance in the hand
- Long life torsion spring for smooth and consistent cut
- Designed for numerous consumer applications when a long cut in lightweight material is desired
- Cut capacity - 1.19mm sheet metal 0.84mm in stainless steel
- Length cut - 3.34cm



Code	Size
GIL0260	250mm

AVIATION TINSNIP - STRAIGHT YELLOW - 2-14-563

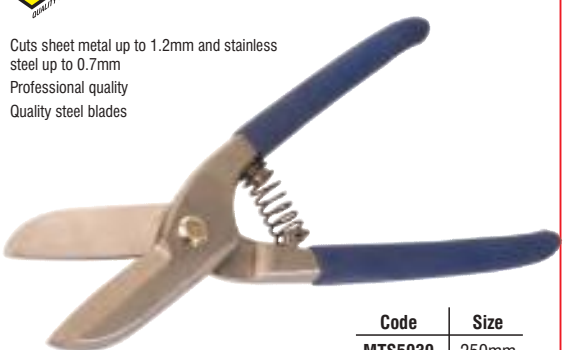
- Compound leverage design makes for easy cutting in a wide range of materials
- Sheet metal up to 1.2mm and stainless steel up to 0.7mm
- Blades are dropped forged from high quality chrome molybdenum steel, hardened and tempered to HRC55-58°
- Cutting edges are serrated to prevent slipping and are additionally hardened to HRC 60-62° for long service life
- Blades are wear resistant with satin matt industrial finish
- Rugged heavy gauge steel handles and screws are heat treated
- High leverage handles are spring loaded with colour vinyl grip s Bi-Material easy grip handle



Code	Size
STA6210	254mm

TINSNIP - STRAIGHT

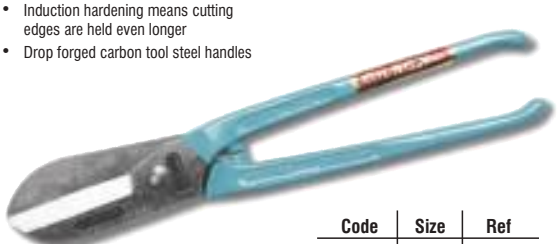
- Cuts sheet metal up to 1.2mm and stainless steel up to 0.7mm
- Professional quality
- Quality steel blades



Code	Size
MTS5030	250mm
MTS5035	300mm

TINSNIP - STRAIGHT

- Unique non slip joint, should be re-adjusted after sharpening
- Double, hollow ground blades reduce friction for easier cutting
- Induction hardening means cutting edges are held even longer
- Drop forged carbon tool steel handles and blades
- Hardened, tempered and hollow ground
- Safety stop prevents trapped fingers



Code	Size	Ref
GIL0345	200mm	G245-8
GIL0350	250mm	G245-10
GIL0355	300mm	G245-12
GIL0360	350mm	G245-14

TINSNIP - STRAIGHT - RT27/112B

- Expert quality, universal right hand cranked pattern, popular for general purpose, straight cutting of sheet metal up to 0,8mm
- Drop forged from selected tool steel with induction hardened blades hardened to HRC58-60 and accurately ground
- Curved cutting edges improves performance by gripping the material being cut
- No nip lacquered handles with spring
- Spare spring is available - please quote code **RIC4580**



Code	Size
RIC4570	250mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

TINSNIP - STRAIGHT

- English pattern
- Selected carbon steel
- Drop forged and heat treated
- Precision ground cutters
- Blue epoxy powder coated

Code	Size	Ref
GED675784	200mm	8531-200
GED675792	250mm	8531-250
GED675806	300mm	8531-300



SCISSOR TINSNIPS

- American pattern
- Selected carbon steel
- Drop forged and heat treated
- Precision ground cutters
- Blue epoxy powder coated

Code	Size	Ref
GED675504	250mm	8516-250
GED675547	300mm	8516-300



CRANKED TINSNIP - HEAVY DUTY G67

- Unique non slip joint, should be re-adjusted after sharpening
- Double, hollow ground blades reduce friction for easier cutting
- Induction hardening means cutting edges are held even longer
- Drop forged carbon tool steel handles and blades
- Hardened, tempered and hollow ground
- Safety stop prevents trapped fingers
- These crank –handled shears can be used for off-straight cutting
- G 67 is left hand cranked for working clockwise

Code	Size
GIL0310	275mm



CRANKED TINSNIP - HEAVY DUTY G69

- Unique non slip joint, should be re-adjusted after sharpening
- Double, hollow ground blades reduce friction for easier cutting
- Induction hardening means cutting edges are held even longer
- Drop forged carbon tool steel handles and blades
- Hardened, tempered and hollow ground
- Safety stop prevents trapped fingers
- These crank –handled shears can be used for off-straight cutting
- G 69 is right-hand cranked for working anti-clockwise

Code	Size
GIL0315	275mm



CRANKED TINSNIP - HEAVY DUTY TG691

- Unique non slip joint, should be re-adjusted after sharpening
- Double, hollow ground blades reduce friction for easier cutting
- Induction hardening means cutting edges are held even longer
- Drop forged carbon tool steel handles and blades
- Hardened, tempered and hollow ground
- Safety stop prevents trapped fingers
- These crank –handled shears can be used for off-straight cutting
- G69 is right-hand cranked for working anti-clockwise

Code	Size
GIL0320	350mm



MINI BOLT CUTTERS

- Powerful, pocket sized wire cutters for fencing and thin gauge mesh
- One-hand operation
- Cutting capacity for mild steel 4mm
- Spring loaded handles
- Comfortable vinyl grips
- Locking clip



Code	Size
MTS2078	200mm

BOLT CUTTERS - MIDGET

- One-hand action pocket tool for use on mild steel soft non-ferrous metals or plastics
- Centre cut jaws are drop forged from high carbon steel, correctly hardened and tempered to HRC56-58
- Cutting edges have accurately ground and machined smooth surfaces for longer life
- Hardened, heavy gauge steel handle is spring loaded with locking clip
- Comfortable cushion grips



Code	Size
RIC0670	200mm

BOLT CUTTER - HEAVY DUTY

- Professional quality, well constructed, all-purpose bolt cutter cuts soft to hard materials
- Jaws are centre cut pattern, drop forged from high quality chrome vanadium steel scientifically hardened, tempered and heat treated to HRC55-60 for strength
- Jaws are precision ground and strap connection bolts will not work loose ensuring safe operation
- High leverage handles have rubber grips for operator comfort
- 300 & 350mm, handles are drop forged steel - 450-900mm handles are tubular steel



Code	Size	Soft Cut	Hard Cut
RIC0675	300mm	5mm	4mm
RIC0677	350mm	6mm	5mm
RIC0680	450mm	8mm	6mm

Code	Size	Soft Cut	Hard Cut
RIC0683	600mm	9mm	8mm
RIC0685	750mm	13mm	8mm
RIC0687	900mm	16mm	10mm

BOLT CUTTER - COMPACT - 909

- Drop Forged Steel Jaws
- Double Fulcrum Action
- Capacity 4mm diameter on soft wire
- Capacity 1.5mm diameter on hard steel wire



Code	Size
REC5020	235mm

BOLT CUTTERS - HEAVY DUTY

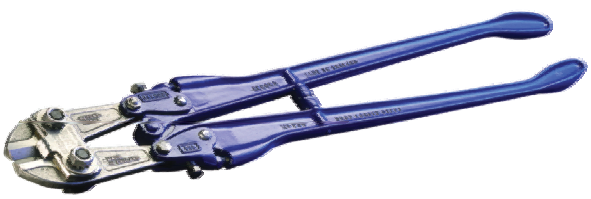
- High-tensile heat treated jaws for cutting hard materials
- Cam Adjusting



Code	Size	Ref No.	High Tensile Capacity	Low Tensile Capacity
REC5025	355mm	BC914H	5mm	7.9mm
REC5030	450mm	BC918H	6.4mm	9.5mm
REC5035	610mm	BC924H	7.9mm	11.1mm
REC5036	760mm	BC930H	9.5mm	14.3mm
REC5067	915mm	BC936H	11.1mm	15.9mm

BOLT CUTTERS - HEAVY DUTY

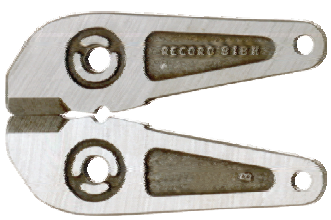
- High-tensile heat treated jaws for cutting hard materials
- Adjusting Arms



Code	Size	Ref No.	High Tensile Capacity	Low Tensile Capacity
REC5038	460mm	918H	6.4mm	9.5mm
REC5039	610mm	924H	7.9mm	11.1mm
REC5040	750mm	930H	9.5mm	14.3mm
REC5045	915mm	936H	11.1mm	15.9mm
REC5050	1070mm	942H	12.7mm	19.0mm

BOLT CUTTER - SPARE JAWS

- Drop forged from a special steel
- Machined to precise specifications
- Heat treated
- Jaws and spare fulcrum pin only



Code	Size	Ref No.
REC5070	355mm	J914H
REC5075	460mm	J918H
REC5080	610mm	J924H
REC5085	760mm	J930H
REC5090	915mm	J936H
REC5095	1070mm	J942H

AVAILABLE FROM SELECTED

BLACK SHIFTER - ADJUSTABLE

- Precision ground jaws with rule
- Forged from high grade steel
- Heat treated



Code	Size
HON8000	150mm
HON8010	200mm
HON8020	250mm
HON8030	300mm
HON8040	375mm

BLACK SHIFTER - ADJUSTABLE

- Expert quality manufactured to DIN3117 specifications and GS approved No 77/94
- Drop forged from high quality chome-vanadium steel with black phosphate finish



Code	Size
RIC3340	100mm
RIC3345	150mm
RIC3350	200mm
RIC3355	250mm
RIC3360	300mm
RIC3365	375mm

ADJUSTABLE WRENCH

- Strong durable with narrow head design for use in limited space
- Forged from alloy steel for maximum strength
- Extra wide jaw capacity with Bi-Metal handle for comfortable grip



Code	Size	Ref.
STA6358	150mm	0-90-947
STA6360	200mm	0-90-948
STA6362	250mm	0-90-949
STA6365	300mm	0-90-950

ADJUSTABLE WRENCH - No. 62

- Chrome Vanadium steel 31CrV3
- Swedish pattern
- Jaw set at 15°
- Blackened finish
- Ground head



Code	Size
GED636800	150mm
GED636819	200mm

Code	Size
GED636827	250mm
GED636835	300mm
GED636843	375mm
GED636851	450mm

ADJUSTABLE WRENCH

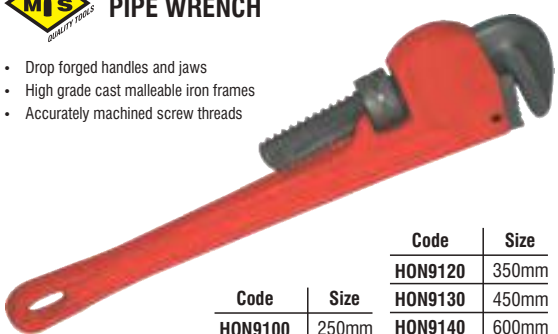
- Adjustable wrench
- High quality steel
- Use on Hexagon head bolts and nuts
- Adjusting screw in the head



Code	Length	Capacity
MIT4800024	600mm	62mm

PIPE WRENCH

- Drop forged handles and jaws
- High grade cast malleable iron frames
- Accurately machined screw threads

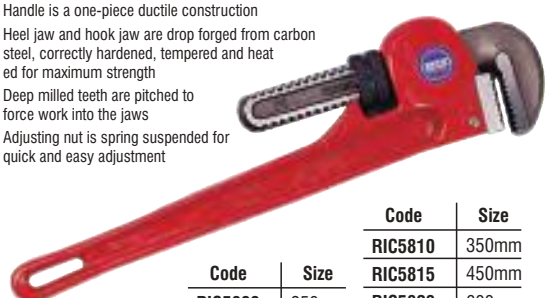


Code	Size
HON9100	250mm
HON9110	300mm

Code	Size
HON9120	350mm
HON9130	450mm
HON9140	600mm
HON9150	900mm

PIPE WRENCH - HEAVY DUTY

- Universal pipe wrench, quality construction suitable for general purpose pipe work
- Handle is a one-piece ductile construction
- Heel jaw and hook jaw are drop forged from carbon steel, correctly hardened, tempered and heat ed for maximum strength
- Deep milled teeth are pitched to force work into the jaws
- Adjusting nut is spring suspended for quick and easy adjustment

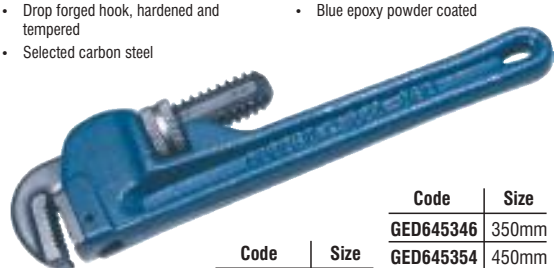


Code	Size
RIC5800	250mm
RIC5805	300mm

Code	Size
RIC5810	350mm
RIC5815	450mm
RIC5820	600mm
RIC5825	900mm

PIPE WRENCH - AMERICAN PATTERN 227

- For heavy duty applications
- Cast handle
- Drop forged hook, hardened and tempered
- Selected carbon steel
- Jaw teeth induction hardened
- Malleable cast iron handle
- Blue epoxy powder coated

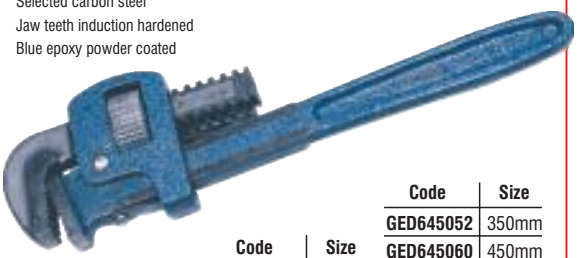


Code	Size
GED645303	200mm
GED645311	250mm

Code	Size
GED645346	350mm
GED645354	450mm
GED645362	600mm
GED645370	900mm

PIPE WRENCH - STILLSON PATTERN 225

- Drop forged handle and hook, hardened and tempered
- Selected carbon steel
- Jaw teeth induction hardened
- Blue epoxy powder coated



Code	Size
GED645036	250mm
GED645044	300mm

Code	Size
GED645052	350mm
GED645060	450mm
GED645079	600mm
GED645087	900mm

PIPE WRENCHES - LEADER - HEAVY DUTY

- Wrench body combines the frame and handle into one piece ductile iron casting
- Guaranteed for life against breakage
- Jaws made from drop-forged steel with hardened and tempered teeth to resist wear, distortion and give longer life



Code	Size	Capacity	Ref.
REC6325	600mm	76mm	350-24
REC6330	900mm	127mm	350-36
REC6335	1200mm	152mm	350-48

PIPE WRENCH - STRAIGHT

- Sturdy cast-iron housing
- I-beam handle with full floating hook jaw
- Non-stick adjustment nut
- Replaceable heat-treated hook and heel jaws



Code	Size	Capacity	Ref.
RID31000	150mm	27mm	6
RID31005	200mm	34mm	8
RID31010	250mm	48mm	10
RID31015	300mm	60mm	12

Code	Size	Capacity	Ref.
RID31020	350mm	60mm	14
RID31025	450mm	76mm	18
RID31030	600mm	89mm	24
RID31035	900mm	141mm	36
RID31040	1200mm	168mm	48

PIPE WRENCH - HEX PATTERN - OFFSET E-110

- Hex jaw design gives multi-sided secure grip on all hex nuts, square nuts, unions and valve packing nuts
- The extra wide opening, offset model is ideal for securing drain nuts on sinks and bath tubs



Code	Length	Capacity
RID31305	240mm	29-67mm

3-IN-1 MULTI WRENCH - RT25/25B

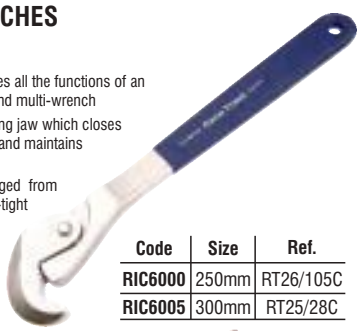
- Ideal for all kinds of repair jobs, DIY and mechanics
- 3-in-1 wrench converts quickly as an open end wrench a pipe wrench or a multi-wrench
- Wrench adjusts automatically to the size of the pipe, nut or bolt
- Easy to use, revolutionary but simple ratchet action
- Forged, heavy-duty, chrome plated steel construction hardened and heat treated



Code	Size
RIC5730	9-22mm

SPEED WRENCHES

- A useful mechanic's tool, combines all the functions of an adjustable angle wrench, a pipe and multi-wrench
- Wrench has a spring loaded moving jaw which closes automatically to the size required and maintains pressure for one hand operation
- Heavy duty construction, drop forged from chrome vanadium steel and hold-tight serrated jaws
- Correctly hardened and tempered for maximum durability and convenience
- Chrome plated and polished



Code	Size	Ref.
RIC6000	250mm	RT26/105C
RIC6005	300mm	RT25/28C

BASIN WRENCH

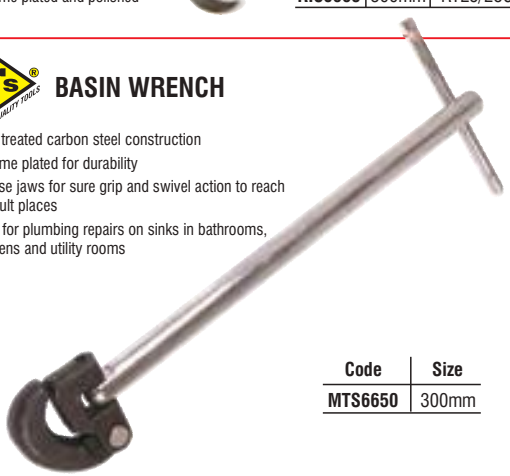
- Universal gripping jaws manufactured from hardened, forged carbon steel
- Swivel action jaws with serrated faces are spring loaded and self adjusting to fit standard basin nuts
- Solid steel handle with sliding tommy bar is chrome plated for protection and corrosion resistance



Code	Size
RIC5700	280mm

BASIN WRENCH

- Heat treated carbon steel construction
- Chrome plated for durability
- Coarse jaws for sure grip and swivel action to reach difficult places
- Ideal for plumbing repairs on sinks in bathrooms, kitchens and utility rooms

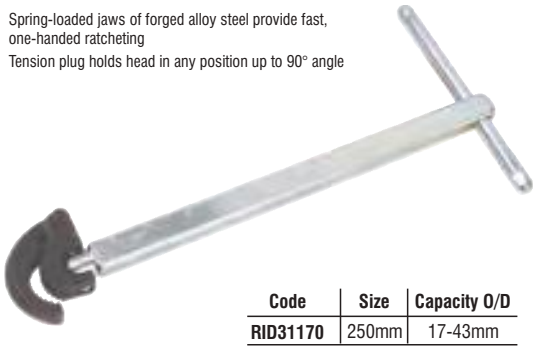


Code	Size
MTS6650	300mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

RIDGID BASIN WRENCH - 1010

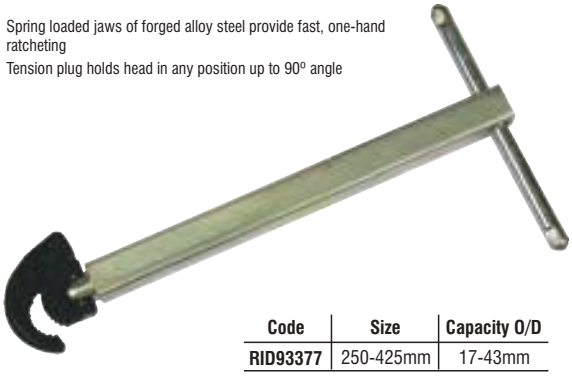
- Spring-loaded jaws of forged alloy steel provide fast, one-handed ratcheting
- Tension plug holds head in any position up to 90° angle



Code	Size	Capacity O/D
RID31170	250mm	17-43mm

RIDGID BASIN WRENCH - TELESCOPIC - 1017

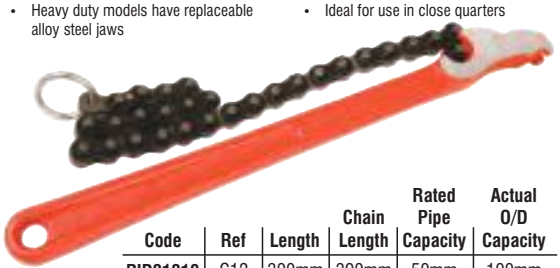
- Spring loaded jaws of forged alloy steel provide fast, one-hand ratcheting
- Tension plug holds head in any position up to 90° angle



Code	Size	Capacity O/D
RID93377	250-425mm	17-43mm

RIDGID CHAIN PIPE WRENCH - LIGHT DUTY

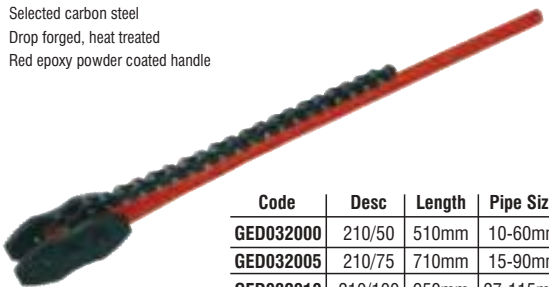
- A double jaw gives fast, ratchet-like action in either direction
- Heavy duty models have replaceable alloy steel jaws
- The light-duty model has a one-piece forged alloy steel handle and jaw
- Ideal for use in close quarters



Code	Ref	Length	Chain Length	Rated Pipe Capacity	Actual O/D Capacity
RID31310	C12	300mm	390mm	50mm	100mm
RID31315	C14	320mm	460mm	50mm	125mm

GEDORE CHAIN PIPE WRENCH - 210

- Double sided replaceable serrated jaws
- Selected carbon steel
- Drop forged, heat treated
- Red epoxy powder coated handle



Code	Desc	Length	Pipe Size
GED032000	210/50	510mm	10-60mm
GED032005	210/75	710mm	15-90mm
GED032010	210/100	950mm	27-115mm
GED032020	210/150	1140mm	35-165mm

RACO STRAP WRENCH - HEAVY DUTY - RT12/273B

- Lever handle made from hardened heavy gauge steel
- Heavy duty bonded strap for extra strength
- Comfortable vinyl grip
- Ideal for use on automotive oil filters and pipes



Code	Size
RIC6030	225mm

STAHLWILLE STRAP WRENCH - 12005

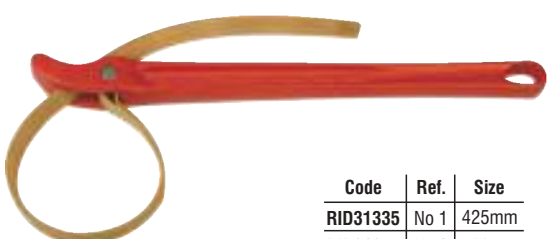
- For oil filters
- Up to 140mm diameter



Code	Length
STW76500001	450mm

RIDGID STRAP WRENCHES

- Designed for clamping polished surfaces
- Strong, woven nylon strap gives tight grip
- Polyurethane coated strap prevents scratching
- Replacement straps available



Code	Ref.	Size
RID31335	No 1	425mm
RID31345	No 2	760mm

GEDORE OIL FILTER - STRAP WRENCH 36

- Chrome Vanadium steel 31CrV3
- Chrome plated
- Strong wide strap
- Light duty



Code	Size
GED632732	220mm

Strap Only Code	Ref.
GED532738	E36/1

CLAW HAMMER - STEEL

- Polished steel heads are precision ground and hardened
- Rubber handle for secure grip
- One piece construction



Code	Size
MTS3475	500g

CLAW HAMMER - STEEL

- Professional hammer for wood working
- Superbly balanced hammer with head and shaft forged in one piece from selected tool steel with a full mirror polish surface
- All striking faces are induction hardened
- Claws have accurately machined inner edges tapering to a fine point and are double tempered for extra strength



Code	Size
RIC1700	450g

STANLEY CLAW HAMMER - STEEL

- Finest claw hammer
- Top professional quality
- Precision balanced
- Magnetic nail starter
- 24 Torque stabilising bars
- Shock dampening core
- Anti vibe patented
- Revolutionary curved handle
- Reduces impact and shock



Code	Size
STA2967	450g
STA2968	570g

GAUNTLET TOOLS CLAW HAMMER - STEEL

- Steel polished head
- Drop forged
- Extra heavy duty
- Reinforced handle
- Handle consists of welded steel rods
- Handle is completely covered with rubber



Code	Size
GAU0035	700g

CLAW HAMMER - STEEL

- Forged from high quality carbon steel
- Epoxy powder coated with anti corrosive coating on polished surfaces
- Wood shaft



Code	Size
LAS2555	450g
LAS2560	600g
LAS2565	700g

CLAW HAMMER - FIBREGLASS

- Polished steel heads are precision ground and hardened
- Rubber handle for secure grip
- Fibreglass handle to reduce vibration



Code	Size
MTS3480	500g

CLAW HAMMER - FIBREGLASS

- Forged from high quality carbon steel
- Epoxy powder coated with anti corrosive coating on polished surfaces
- Suregrip handle with unbreakable steel core
- Poly propylene with soft pvc grip for comfort



Code	Size
LAS2550	500g

CLAW HAMMER - FIBREGLASS

- Professional hammer for wood working
- Manufactured to exacting standards
- Perfectly balanced head, drop forged from selected tool steel and heat treated
- All striking faces are induction hardened
- Claws have accurately machined inner edges tapering to a fine point
- Unbreakable fibreglass shaft with rubber grip



Code	Size
RIC1705	500g

CLAW HAMMER - TUBULAR

- Polished steel heads are precision ground and hardened
- Rubber handle for secure grip
- The tubular steel shaft is securely fitted to the head
- Wedges to secure head to handle



Code	Size
MTS3500	500g

CLAW HAMMER - TUBULAR

- Professional hammer for wood working
- The tubular steel shaft is securely fitted to the head providing maximum leverage
- All striking faces are induction hardened
- Claws have accurately machined inner edges tapering to a fine point and are double tempered for extra strength
- Comfortable rubber handle



Code	Size
RIC1710	500g

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

STANLEY CLAW HAMMER - TUBULAR

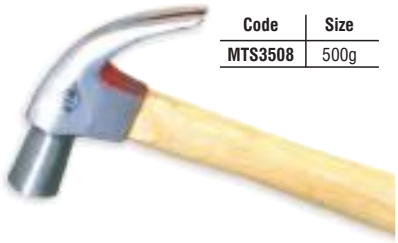
- Polished high carbon steel head
- Tubular steel chrome plated handle
- Contoured tough vinyl grip



Code	Size
STA2956	450g
STA2957	570g

MTS CLAW HAMMER - WOODEN HANDLE

- Polished steel heads are precision ground and hardened
- Wooden handle for maximum vibration reduction
- Wedges to secure head to handle



Code	Size
MTS3508	500g

RACO CLAW HAMMER - WOODEN HANDLE

- Professional hammer for wood working
- Manufactured to exacting standards
- Perfectly balanced head, drop forged from selected tool steel and heat treated
- All striking faces are induction hardened
- Claws have accurately machined inner edges tapering to a fine point
- Hickory handle, securely wedged for permanent tightness



Code	Size
RIC1715	500g
RIC1718	600g
RIC1720	700g

STANLEY CLAW HAMMER - WOODEN HANDLE

- Drop forged head
- Conical neck
- Selected hardwood handle - epoxy bonded



Code	Size
STA2958	450g
STA2959	570g

MTS CLAW HAMMER - LADIES

- Polished steel heads are precision ground and hardened
- Wooden handle for maximum vibration reduction
- Lightweight and convenient for smaller jobs
- Wedges to secure head to handle



Code	Size
MTS3505	250g

LASHER JOINER'S HAMMER

- Designed for general carpentry work
- Forged from high quality carbon steel
- Epoxy powder coated with anti corrosive coating on polished surfaces
- Wood handle



Code	Size
LAS2605	225g

MTS BALLPEIN HAMMER - ALL STEEL

- A universal engineer's metalworking hammer
- Precision ground with hardened and tempered striking surfaces
- One piece unbreakable handle and head
- Rubber handle grip is bonded to the shaft during production



Code	Size
MTS3454	500g
MTS3456	700g

MTS BALLPEIN HAMMER - WOODEN HANDLE

- A universal engineer's metalworking hammer
- Precision ground with hardened and tempered striking surfaces
- Wedges to secure head to handle



Code	Size
MTS3440	100g
MTS3442	300g
MTS3444	500g
MTS3446	700g
MTS3448	900g

RACO BALLPEIN HAMMER - WOODEN HANDLE

- Expert quality for general purpose use
- Drop forged head with striking face and ball pein individually hardened and tempered
- Finely balanced with polished faces and cheeks
- Solid hardwood handle, securely metal wedged



Code	Size
RIC1655	200g
RIC1657	300g
RIC1660	500g
RIC1662	700g
RIC1664	900g

LASHER BALLPEIN HAMMER

- Designed for driving cold chisels, punches and for riveting, shaping and straightening metal and peening the end of metal tubes
- Forged from high quality carbon steel
- Heat treated
- Hammer heads are epoxy powder coated with anti corrosive coating on polished surfaces



Code	Size
LAS2500	100g
LAS2505	200g
LAS2510	300g
LAS2515	500g
LAS2520	700g
LAS2525	900g
LAS2530	1100g

STANLEY BALLPEIN HAMMER

- Drop forged head
- Conical neck
- Selected hardwood handle - epoxy bonded



Code	Size
STA2951	230g
STA2952	340g
STA2954	450g
STA2964	680g
STA2966	910g

GAUNTLET TOOLS BALLPEIN - RUBBER HANDLE

- Steel polished head
- Drop forged
- Extra heavy duty
- Reinforced handle
- Handle consists of welded steel rods
- Handle is completely covered with rubber



Code	Size
GAU0060	900g

GEDORE BALLPEIN - WOODEN HANDLE

- Drop forged head
- Striking faces induction hardened and precision ground
- Blue epoxy powder coated
- Hardwood handle



Code	Size
GED676438	500g
GED676446	700g

STAHLWILLE BALLPEIN HAMMER - WOODEN HANDLE

- Dropforged with striking face and ball pien individually hardened and tempered
- Solid ash handle securely metal wedged



Code	Size
STW70120005	320g

MTS ENGINEER'S DIN HAMMER

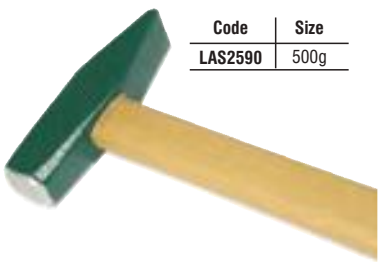
- All purpose engineer's / fitter's hammer
- Selected carbon steel
- Hardened, polished and tempered head
- Finest quality varnished wooden handle



Code	Size
MTS3511	500g

LASHER ENGINEER'S DIN HAMMER

- A general purpose hammer, also known as engineers, continental or fitters hammer
- Forged from high quality carbon steel
- Epoxy powder coated with anti corrosive coating on polished surfaces
- Wood handle



Code	Size
LAS2590	500g

MTS BRICK HAMMER - ALL STEEL

- Designed for setting (splitting) bricks, masonry, tiles and concrete blocks
- Precision ground with hardened and tempered striking surfaces
- One piece unbreakable handle and head
- Rubber handle grip is bonded to the shaft during production



Code	Size
MTS3433	500g

MTS BRICK HAMMER - FIBREGLASS

- Designed for setting (splitting) bricks, masonry, tiles and concrete blocks
- Fibreglass handle to reduce vibration



Code	Size
MTS3435	700g

LASHER BRICK HAMMER

- Designed for setting (splitting) bricks, masonry, tile and concrete blocks
- Forged from high quality fine grained carbon steel
- Heat treated
- Hammer heads are epoxy powder coated with anti corrosive coating on polished surfaces
- Wooden handles are varnished



Code	Size
LAS2535	800g

MTS SCUTCH HAMMER - FIBREGLASS

- Accepts replaceable combs or chisel bits
- Designed for setting (splitting) bricks, masonry, tiles and concrete blocks
- Fibreglass handle to reduce vibration



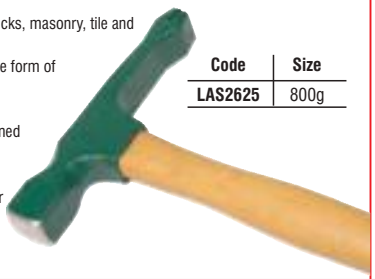
Code	Size
MTS3521	800g

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SCUTCH HAMMER

- Designed for setting (splitting) bricks, masonry, tile and concrete blocks
- Can take replaceable inserts in the form of combs
- Loose combs are available
- Forged from high quality fine grained carbon steel
- Heat treated
- Hammer heads are epoxy powder coated with anti corrosive coating on polished surfaces
- Wooden handles are varnished

Code	Size
LAS2625	800g



CLUB HAMMER - ALL STEEL

- One piece unbreakable handle and head
- Rubber handle grip is bonded to the shaft during production
- Polished and chamfered striking surfaces make this an ideal tool for use with cold chisels

Code	Size
MTS3513	1.8kg



CLUB HAMMER - WOODEN HANDLE

- Polished steel heads are precision ground, hardened and chamfered
- Wooden handle for maximum vibration reduction
- Wedges to secure head to handle
- British style

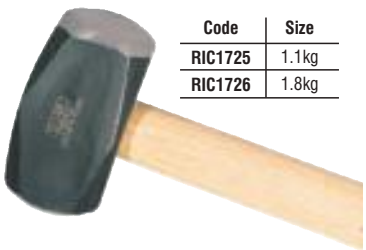
Code	Size
HON3000	1.8kg



CLUB HAMMER - WOODEN HANDLE

- Suitable for delivering close, heavy blows
- The head has precision ground striking surfaces which are chamfered and hardened and heat treated
- Fitted with a selected, fully treated hickory handle

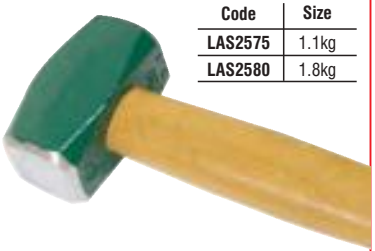
Code	Size
RIC1725	1.1kg
RIC1726	1.8kg



CLUB HAMMER - WOODEN HANDLE

- Versatile general purpose hammer
- Forged from high quality carbon steel
- Epoxy powder coated with anti corrosive coating on polished surfaces
- Wood handle

Code	Size
LAS2575	1.1kg
LAS2580	1.8kg



CLUB HAMMER - WOODEN HANDLE

- Drop forged head
- Selected hardwood handle
- One large metal wedge

Code	Size
STA2962	1kg
STA2961	2kg



CLUB HAMMER - FIBREGLASS

- Polished steel heads are precision ground, hardened and chamfered
- Rubber handle for secure grip
- The fibreglass shaft is securely bonded to the steel head

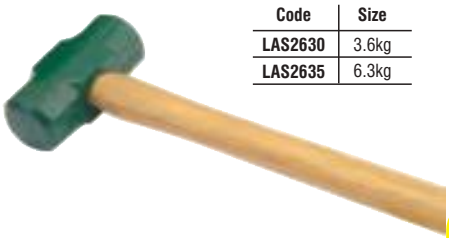
Code	Size
MTS3515	1.2kg
MTS3520	2.0kg



SLEDGEHAMMERS

- Designed for striking wood, metal, concrete or stone
- Forged from high quality fine grained carbon steel
- Hammer heads are epoxy powder coated with anti corrosive coating on polished surfaces
- Wooden handle

Code	Size
LAS2630	3.6kg
LAS2635	6.3kg



GAUNTLET TOOLS SLEDGEHAMMERS

- Steel polished head
- Drop forged
- Heavy duty sledge hammer
- Handle consists of welded steel rods
- Handle is completely covered with rubber

Code	Size
GAU0005	1.8kg
GAU0020	3.6kg
GAU0030	6.3kg



GAUNTLET TOOLS COPPER HAMMERS - RUBBER HANDLE

- Copper head
- Heavy duty sledge hammer
- Handle consists or welded steel rods
- Handle is completely covered with rubber
- Used extensively where a "no-sparking " type hammer is needed

Code	Size
GAU0040	1.8kg
GAU0045	3.6kg
GAU0050	6.3kg



LASHER SLEDGEHAMMER HEADS

- Designed for striking wood, metal, concrete or stone
- Common uses are drifting heavy timbers, spikes, cold chisels and rock drills
- Head only



Code	Size
LAS2640	1.8kg
LAS2641	3.6kg
LAS2642	6.3kg

THOR COPPER HAMMERS

- Malleable iron head - extra heavy construction
- Two pure electrolytic copper faces
- Wooden handle
- For heavy duty hammering
- For safe blows of maximum weight and impact



Code	No	Weight	Face Size
THR0025	308	500g	25mm
THR0030	310	1.1kg	32mm
THR0035	312	1.5kg	38mm
THR0040	314	2.2kg	44mm
THR0045	316	3.5kg	50mm

THOR COPPER / RAWHIDE HAMMER

- Malleable iron head
- Fitted: One face pure electrolytic copper
- Fitted: One face compressed buffalo hide
- Copper face gives a safe, high impact blow
- Rawhide face gives a firm resilient non-marking blow
- Excellent dual purpose workshop hammer
- Wooden Handle
- Spare Rawhide face THR0275



Code	No	Weight	Face Size
THR0055	210	725g	32mm

THOR PLASTIC FACE HAMMERS

- Chrome plated zinc heads
- Two medium orange plastic faces
- Worn faces instantly replaceable
- Nylon handle
- No metal pegs or inserts to damage work
- Faces cannot loosen in use



Code	No	Weight	Face Size
THR0115	408	250g	25mm
THR0120	410	500g	32mm
THR0125	412	750g	38mm
THR0130	414	1.0kg	44mm
THR0135	416	1.375kg	50mm

THOR NYLON FACE HAMMERS

- Chrome plated zinc heads
- Two hard white nylon faces
- Worn faces instantly replaceable
- All faces are one piece moulded
- Wooden handle
- No metal pegs or inserts to damage work
- Faces cannot loosen in use



Code	No	Weight	Face Size
THR0085	708	250g	25mm
THR0090	710	500g	32mm
THR0095	712	750g	38mm
THR0100	714	1.0kg	44mm
THR0105	716	1.5kg	50mm

THOR RAWHIDE FACE HAMMERS

- Two rawhide faces
- Genuine water buffalo rawhide faces
- Wooden handle
- No metal pegs or inserts to damage work
- Faces cannot loosen in use



Code	No	Weight	Face Size
THR0150	010	750g	32mm
THR0155	012	1.0kg	38mm
THR0160	014	1.5kg	44mm
THR0165	016	2kg	50mm

Wera DEADBLOW HAMMER - NYLON

- A dead blow hammer controls strike force with minimum rebound from the struck surface
- Heads are commonly hollow and filled with sand or shot
- This absorbs the impact and reduces the bounce back
- Usually constructed of polyurethane or nylon
- Can be a one piece moulding or have a separate handle



Code	Size	Weight
WER9002	30mm	631g
WER9004	40mm	820g
WER9006	50mm	1181g
WER9007	60mm	1974g

THOR SPARE FACES - NYLON

- Nylon - white
- Double face hammer
- Faces - screw in to metal head
- Spare faces available and can be fitted by hand instantly
- All faces are one piece mouldings
- Nylon is the best face for all purpose use
- For light and heavy assembly work



Code	No	Size
THR0215	708NF	25mm
THR0220	710NF	32mm
THR0225	712NF	38mm
THR0230	714NF	44mm
THR0235	716NF	50mm

THOR SPARE FACES - PLASTIC

- Plastic - red
- Double face hammer
- Faces - screw in to metal head
- Spare faces available and can be fitted by hand instantly
- All faces are one piece mouldings
- For light hammering and assembly of precision parts



Code	No	Size
THR0245	408NF	25mm
THR0250	410NF	32mm
THR0255	412NF	38mm
THR0260	414NF	44mm
THR0265	416NF	50mm

THOR SPARE FACES - RAWHIDE

- Genuine rawhide
- Double face hammer
- Spare faces available and can be fitted by hand instantly
- Rawhide faces give a firm blow that will not mar the work



Code	No	Size
THR0275	010R	32mm
THR0280	012R	38mm
THR0285	014R	44mm
THR0290	016R	50mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

Wera SPARE FACES - DEADBLOW HAMMERS

- Nylon faces for deadblow hammers
- Sold per pair



Code	Size
WER9009	30mm
WER9011	40mm
WER9013	50mm
WER9014	60mm

MTS RUBBER MALLET - STEEL SHAFT

- A hard wearing black rubber mallet
- The head is securely mounted on a steel shaft



Code	Size
MTS3585	450g
MTS3586	800g

RACO RUBBER MALLET - WOODEN HANDLE

- Quality mallet with resilient, live rubber head
- Lacquered wooden handle



Code	Size
RIC2200	450g

RUBBER MALLET - STEEL HANDLE

- Solid rubber head
- Steel tubular handle
- Does not mark materials when hammered



Code	Size
LIVM14	500g

PROTOOL WOODEN MALLET

- Carpenter's wooden mallet made from solid Parmafin
- Used in conjunction with wood working chisels



Code	Size
PTL0005	112mm

FAULD SCUTCH COMBS

- Scutch hammers are intended for the same purpose as brick hammers.
- Take replaceable inserts in the form of combs



Code	Size
FLD0010	5TPI

GROZ ANVILS

- Professional quality
- Cast steel superior to conventional cast iron
- Anvil face is precision ground
- Pritchel and hardy holes
- Strong beak can be used for bending applications
- Attractive oven baked finish
- Unbreakable workshop tool

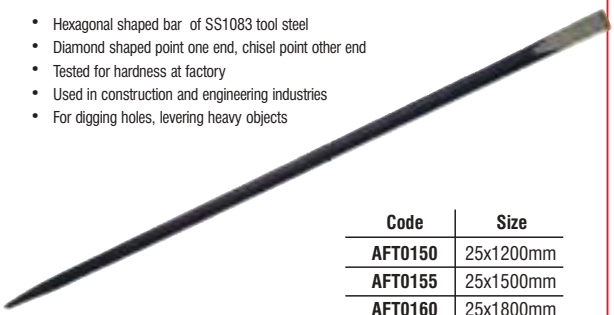


Code	Size
GRO0320	30kg
GRO0340	80kg



CROWBAR

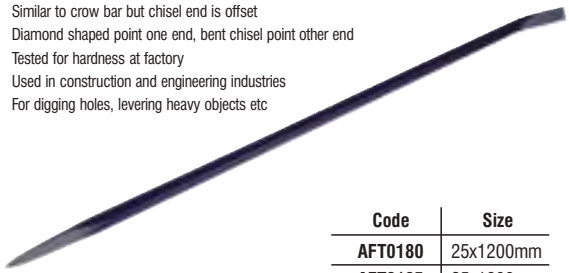
- Hexagonal shaped bar of SS1083 tool steel
- Diamond shaped point one end, chisel point other end
- Tested for hardness at factory
- Used in construction and engineering industries
- For digging holes, levering heavy objects



Code	Size
AFT0150	25x1200mm
AFT0155	25x1500mm
AFT0160	25x1800mm
AFT0165	32x1800mm

PINCH BARS

- Hexagonal shaped bar of SS1083 tool steel
- Similar to crow bar but chisel end is offset
- Diamond shaped point one end, bent chisel point other end
- Tested for hardness at factory
- Used in construction and engineering industries
- For digging holes, levering heavy objects etc



Code	Size
AFT0180	25x1200mm
AFT0185	25x1800mm
AFT0190	32x1800mm

TOMMY BARS

- Chisel one end and tapered point on other end
- The tapered end of a tommy bar is used as a marlin spike for the alignment of holes in steel construction work
- Both ends off-set



Code	Size
AFT0200	19x450mm
AFT0205	19x600mm
AFT0210	25x900mm

WRECKING BARS

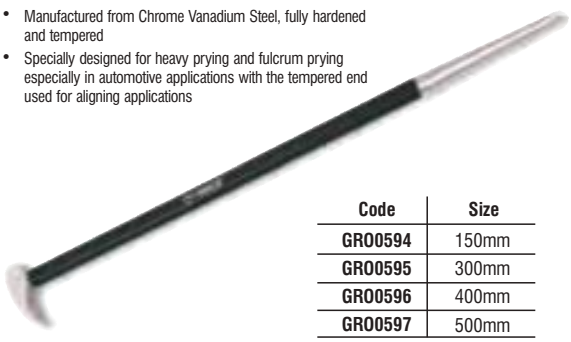
- Wrecking bars are used to open boxes, lever items apart, remove nails and roofing screws
- There is chisel on one end a claw on the other end



Code	Size
AFT0250	19x450mm
AFT0255	19x600mm
AFT0260	19x750mm
AFT0265	19x900mm

PRY BARS

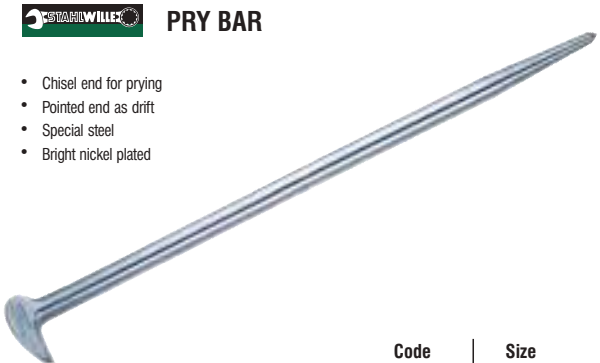
- Manufactured from Chrome Vanadium Steel, fully hardened and tempered
- Specially designed for heavy prying and fulcrum prying especially in automotive applications with the tempered end used for aligning applications



Code	Size
GRO0594	150mm
GRO0595	300mm
GRO0596	400mm
GRO0597	500mm

PRY BAR

- Chisel end for prying
- Pointed end as drift
- Special steel
- Bright nickel plated



Code	Size
STW72090000	14x410mm

MARLIN SPIKE

- Formed from hexagon ss1083 tool steel
- It has a long round taper
- It's main function is to align holes in steel work so that bolts can be easily inserted
- Can also be used to drive out bolts



Code	Size
AFT0195	25x300mm

FLAT COLD CHISELS - 102

- DIN 6453
- Chrome vanadium steel
- Flat
- Lacquered silver



Code	Ref	Size
STW70020002	102/125	15x125mm
STW70020003	102/150	18x150mm
STW70020004	102/175	21x175mm
STW70020005	102/200	24x200mm
STW70020007	102/250	25x250mm
STW70020008	102/300	26x300mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

FLAT COLD CHISELS

- Formed from Hexagonal tool steel SS1083
- The body is tapered to the edge where a primary and secondary cutting edge are formed
- Each chisel is individually hardness tested to maintain our high standards
- These chisels are used by the construction and engineering industries
- Chopping concrete and masonry, cutting mild steel bolts and plates
- Each chisel is dip paint coated after manufacture
- Used with ball pein or club type hammers
- Eye protection should be worn at all times



Loose Chisels

Code	Size
AFT0060	13x150mm
AFT0065	16x150mm
AFT0070	16x200mm
AFT0075	19x200mm
AFT0080	19x250mm
AFT0085	25x250mm
AFT0090	25x300mm
AFT0095	25x350mm

Carded Chisels

Code	Size
AFT0415	7x100mm
AFT0420	10x150mm
AFT0430	13x150mm
AFT0450	16x150mm
AFT0460	16x175mm
AFT0465	13x200mm
AFT0470	16x200mm
AFT0480	19x200mm
AFT0490	19x250mm
AFT0500	25x250mm
AFT0510	25x300mm

RIBBED COLD CHISELS - 100

- Forged blade
- Web thickness constant for full length of the blade
- Of tough tempered special steel
- Chrome plated
- Can be ground



Code	Size	Size
STW70010004	400/4	15x100mm
STW70010006	400/6	20x150mm
STW70010008	400/8	26x200mm
STW70010010	400/10	30x250mm
STW70010012	400/12	35x300mm

FLAT GROOVING CHISEL - 112/240

- 110 chisel
- Chrome vanadium steel
- Flat
- Lacquered silver



Code	Size
STW70080002	26x240mm

CONCRETE CHISEL

- The concrete cold chisel is used in various trades for rough cutting of brick and concrete
- Epoxy powder coated



Code	Size
LAS2200	25x300mm

DIAMOND POINT CHISEL

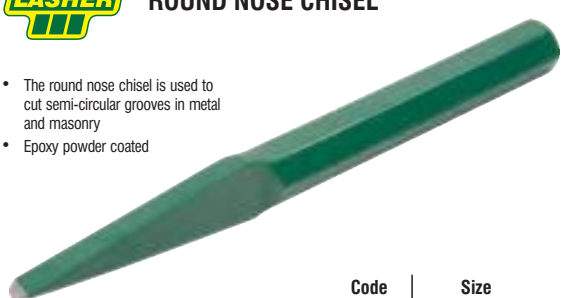
- The diamond point chisel is used to cut "V" grooves and clean corners in metal work
- Epoxy powder coated



Code	Size
LAS2205	6x12x150mm

ROUND NOSE CHISEL

- The round nose chisel is used to cut semi-circular grooves in metal and masonry
- Epoxy powder coated



Code	Size
LAS2255	10x20x200mm

CROSS CUT CHISEL

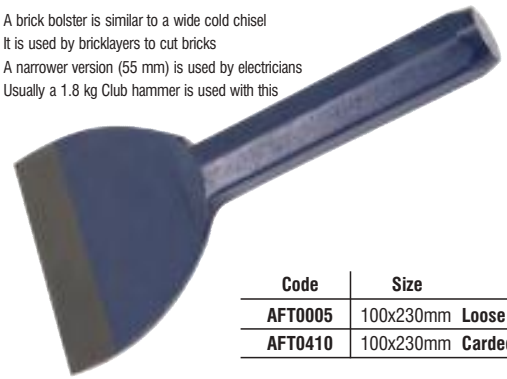
- The cross cut cold chisel is used to make narrow cuts or grooves in metal and masonry
- Epoxy powder coated



Code	Size
LAS2265	10x20x200mm
LAS2270	6x12x150mm

BRICK BOLSTER

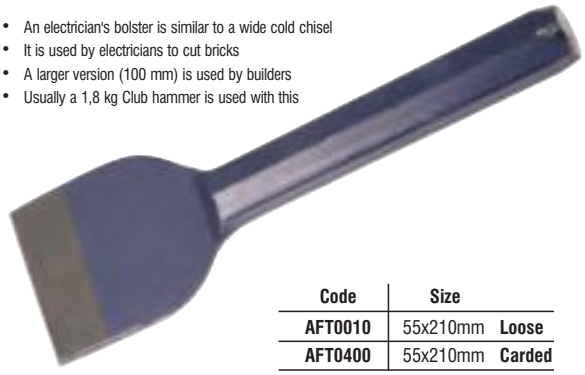
- A brick bolster is similar to a wide cold chisel
- It is used by bricklayers to cut bricks
- A narrower version (55 mm) is used by electricians
- Usually a 1.8 kg Club hammer is used with this



Code	Size	
AFT0005	100x230mm	Loose
AFT0410	100x230mm	Carded

ELECTRICIAN'S BOLSTER

- An electrician's bolster is similar to a wide cold chisel
- It is used by electricians to cut bricks
- A larger version (100 mm) is used by builders
- Usually a 1,8 kg Club hammer is used with this



Code	Size	
AFT0010	55x210mm	Loose
AFT0400	55x210mm	Carded

CHISEL/PUNCH SET - 6 PIECE 102/5/6D

- Contents: 106 /125, 106/150mm 107/125mm 104/120x2, 104/120x4mm 105/120x10mm
- In plastic stand



Code	Size
STW98812201	6 Piece

CHISEL/PUNCH SET - 6 PIECE 102/5/6PC

- Contents: 106 /125, 106/150mm 107/125mm 104/120x2, 104/120x4mm 105/120x10mm
- In plastic wallet



Code	Size
STW98812202	6 Piece

CHISEL/PUNCH SET - 6 PIECE

Contents:

- Cold chisels 7 x 100mm, 10 x 150mm, 13 x 150mm, 16 x 150mm
- Centre punch 3 x 100mm
- Pin punch 5 x 100mm
- Plastic stand and cover

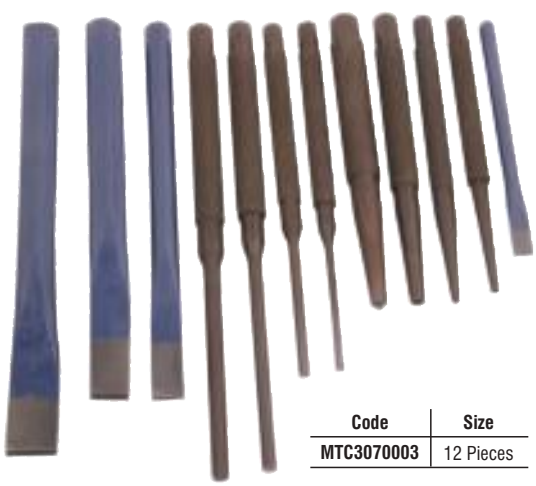


Code	Size
MTC3070002	6 Pieces

CHISEL/PUNCH SET - 12 PIECE

Contents:

- Cold chisels 7 x 100mm, 10 x 150mm, 13 x 150mm, 16 x 175mm
- Centre punch 3, 6mm
- Pin punch 3, 4, 5, 6mm
- Drive punches 3, 5mm
- Plastic stand and cover



Code	Size
MTC3070003	12 Pieces

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

GROZ tools to trust PRICK PUNCH

- Used for marking metals in work layouts
- 60° angle point
- Suitable where precise marking/scoring is required



Code	Size
GRO4550	2.0 x 100mm
GRO4555	4.0 x 100mm

RACO AUTOMATIC CENTRE PUNCH

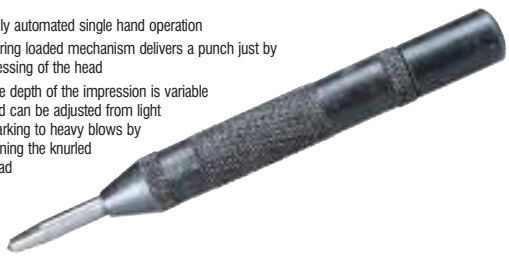
- Fully automated single hand operation
- Spring loaded mechanism delivers a punch just by pressing of the head
- Knurled brass body, chrome plated with hardened and tempered alloy steel point for long wear life



Code	Size
RIC2740	125mm

GROZ tools to trust AUTOMATIC CENTRE PUNCH

- Fully automated single hand operation
- Spring loaded mechanism delivers a punch just by pressing of the head
- The depth of the impression is variable and can be adjusted from light marking to heavy blows by turning the knurled head



Code	Size
GRO4020	120mm

GROZ tools to trust CENTRE PUNCH (HEAVY DUTY)

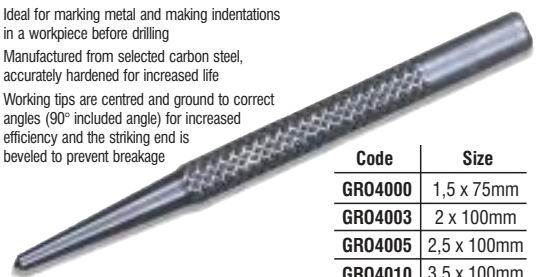
- Ideal for marking metal and making indentations in a workpiece before drilling
- Manufactured from selected carbon steel, accurately hardened for increased life
- Working tips are centred and ground to correct angles (90° included angle) for increased efficiency and the striking end is beveled to prevent breakage



Code	Size
GRO4040	6 x 150mm
GRO4042	10 x 150mm

GROZ tools to trust CENTRE PUNCH - ROUND HEAD

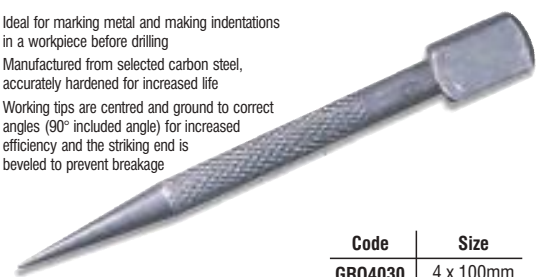
- Ideal for marking metal and making indentations in a workpiece before drilling
- Manufactured from selected carbon steel, accurately hardened for increased life
- Working tips are centred and ground to correct angles (90° included angle) for increased efficiency and the striking end is beveled to prevent breakage



Code	Size
GRO4000	1,5 x 75mm
GRO4003	2 x 100mm
GRO4005	2,5 x 100mm
GRO4010	3,5 x 100mm
GRO4015	4 x 100mm
GRO4017	5 x 100mm

GROZ tools to trust CENTRE PUNCH - SQUARE HEAD

- Ideal for marking metal and making indentations in a workpiece before drilling
- Manufactured from selected carbon steel, accurately hardened for increased life
- Working tips are centred and ground to correct angles (90° included angle) for increased efficiency and the striking end is beveled to prevent breakage



Code	Size
GRO4030	4 x 100mm
GRO4032	5 x 100mm

STAHLWILLE CENTRE PUNCH - 105

- Chrome vanadium steel
- Octagonal
- Steel lacquered silver



Code	Ref	Size
STW70050001	105/100	10 x 100mm
STW70050002	105/120	12 x 120mm

LASHER CENTRE PUNCH

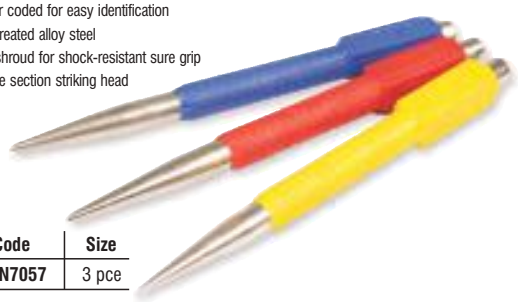
- Used to mark hole centres to guide the point of a drill
- Phosphated finish



Code	Size
LAS2800	3 x 8 x 115mm
LAS2805	4 x 8 x 115mm
LAS2810	5 x 10 x 140mm
LAS2815	6 x 12 x 160mm

CENTRE PUNCH SET

- 0,8mm, 1,6mm, 2,3mm
- Colour coded for easy identification
- Heat treated alloy steel
- PVC shroud for shock-resistant sure grip
- Square section striking head



Code	Size
HON7057	3 pce

CENTRE PUNCH

- Tip diameters of 3.0, 4.0 and 5.0mm x 100mm
- Ideal for marking metal and making indentations in a workpiece before drilling
- Manufactured from selected carbon steel, accurately hardened for increased life
- Working tips are centred and ground to correct angles (90° included angle) for increased efficiency and the striking end is beveled to prevent breakage



Code	Size
RIC2750	3 pce

CENTRE PUNCH SET (BOXED)

- 8 piece, round head set comprising sizes 1.5 - 2 - 2.5 - 3 - 3.5 - 4 - 4.5 - 5.5mm x 100mm
- Ideal for marking metal and making indentations in a workpiece before drilling
- Manufactured from selected carbon steel, accurately hardened for increased life
- Working tips are centred and ground to correct angles (90° included angle) for increased efficiency and the striking end is beveled to prevent breakage



Code	Size
GRO4023	8 pce

CENTRE PUNCH SET (WALLET)

- 5 piece, round head set comprising sizes 1.5, 2, 2.5, 3.5, and 4mm x 100mm
- Ideal for marking metal and making indentations in a workpiece before drilling
- Manufactured from selected carbon steel, accurately hardened for increased life
- Working tips are centred and ground to correct angles (90° included angle) for increased efficiency and the striking end beveled to prevent breakage



Code	Size
GRO4025	5 pce

NAIL PUNCHES

- The working end is cupped to follow the nail head without sliding off
- Punches have a knurled round shank that provides a positive, non-slip grip with a square striking end and the 9.5 mm square head provides a larger striking area and also prevents the punch from rolling off
- The striking end is beveled to prevent breakage
- These are manufactured from selected carbon steel with a black oxide finish, accurately hardened for increased service life (52-58 Rockwell)



Code	Size
GRO4300	1.5 x 100 mm
GRO4305	3.0 x 100 mm
GRO4310	4.0 x 100 mm
GRO4315	5.0 x 100 mm

NAIL PUNCH SET

- 0,8mm, 1,6mm, 2,4mm
- Colour coded for easy identification
- Sets nails & brads for a smooth professional finish
- Square section striking head
- Hardened & tempered carbon steel
- PVC shroud for shock-resistant sure grip



Code	Size
HON7055	3 pce

NAIL PUNCH SET

- High quality chrome-vanadium steel and heat treated
- Knurled body
- Tips are cupped and chamfered
- Fully black oxided but polished ends
- Square head 23 mm long prevents rolling
- 3 x 100 mm
- 4 x 100 mm
- 5 x 100 mm



Code	Size
RIC2755	3 pce

NAIL/CENTRE PUNCH SET

- High quality chrome-vanadium steel and heat treated
- Knurled body
- Tips are cupped and chamfered
- Fully black oxided but polished ends
- Square head 23mm long prevents rolling
- Points are ground and hardened



Code	Size
RIC2760	6 pce

Nail: 3, 4, 5 x 100mm
Centre: 3, 4, 5 x 100mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

STANLEY NAIL – SET 3 PIECE - 58-230

- Square head, round knurled body
- Alloy steel hardened and tempered
- Cupped chamfered tip
- Contents: 0.8, 1.6, 2.4mm



Code	Size
STA3750	3 Pce

GROZ tools to trust PIN PUNCHES

- Precision-matched roll pin punches are specifically designed to remove spring / roll pins
- Manufactured from selected carbon steel, these are accurately hardened for increased life (52-58 Rockwell)
- Single piece construction with a cylindrical shaft and chamfered striking end that helps reduce musrooming and chipping



Code	Size
GRO4500	1.5 X 150mm
GRO4505	2.5 X 150mm
GRO4510	3.0 X 150mm
GRO4515	4.0 X 150mm

Code	Size
GRO4520	5.0 X 150mm
GRO4530	6.0 X 150mm
GRO4535	8.0 X 150mm

STAHLWILLE PIN PUNCH - 109

- Manufactured from Chrome Vanadium
- With guide bush for use on retraining pins on disc brake pads



Code	Size
STW70090001	0.9x80mm
STW70090002	1.4x82mm
STW70090003	1.8x86mm
STW70090004	2.4x95mm

Code	Size
STW70090005	2.8x97mm
STW70090006	3.4x100mm
STW70090007	3.9x100mm
STW70090008	5.9x103mm

STAHLWILLE PIN PUNCH PARALLEL - 108

- DIN 6450
- Octagonal
- Chrome vanadium steel
- Lacquered silver



Code	Size
STW70070009	3x175mm
STW70071152	2x115mm
STW70070001	2.5x150mm
STW70070002	3x150mm
STW70070003	4x150mm

Code	Size
STW70070004	5x150mm
STW70070005	6x150mm
STW70070006	8x150mm
STW70070010	4x175mm
STW70070008	8x200mm

LASHER PIN PUNCH

- Used to drive out a pin from an assembly
- Phosphated finish



Code	Size
LAS2840	3 x 8 x 115mm
LAS2845	4 x 8 x 115mm
LAS2850	5 x 10 x 140mm

Code	Size
LAS2855	6 x 10 x 140mm
LAS2860	8 x 12 x 160mm
LAS2865	10 x 12 x 160mm

RACO PIN PUNCH SET

- For knocking out spring pins, roll pins
- Chrome Vanadium steel
- Hardened and tempered parallel shafts
- Driving out studs
- 6 Piece set in wallet
- SIZES : 3,4 ,5 ,6 ,7 & 8 mm



Code	Size
RIC2770	6 pce

GROZ tools to trust PIN PUNCH SET WALLET

- Same specifications as pin punches above 1,5 - 2,5 - 3 - 4 - 5 - 5,5 - 6 - 8 x 100 mm



Code	Size
GRO4540	8 Pc. 1.5 - 8 mm

LASHER PIN PUNCH SET

- Used to drive out a pin from an assembly
- Phosphated finish
- 6 piece set



3 x 8 x 115mm	6 x 10 x 140mm
4 x 8 x 115mm	8 x 12 x 160mm
5 x 10 x 140mm	10 x 12 x 160mm

Code	Size
LAS2835	6 Pce

PIN PUNCH SET



- Used to drive out a pin from an assembly
- Phosphated finish
- 4 piece set

3 x 8 x 115mm
4 x 8 x 115mm
6 x 10 x 140mm
8 x 12 x 160mm

Code	Size
LAS2830	4 Pce

PIN PUNCH SET



- Parallel shaft
- Knurled handle for better grip

Code	Size
MTC3160005	7 Pce - 2, 3, 4, 5, 6, 7, 8 & 10mm

PIN PUNCH SET BOXED



- 8 piece set comprising sizes 1,5 - 2,5 - 3 - 4 - 5 - 5,5 - 6 - 8 x 100 mm
- Precision-matched roll pin punches are specifically designed to remove spring / roll pins
- Manufactured from selected carbon steel, these are accurately hardened for increased life (52-58 Rockwell)
- Single piece construction with a cylindrical shaft and chamfered striking end that helps reduce musrooming and chipping

Code	Size
GRO4538	8 Pc. 1.5 - 8 mm

PUNCH - PARALLEL PIN - SET 6 PIECES - 108/6PC



- Contents 6 Pieces
- 150 x 2.50mm
- 150 x 3.00mm
- 150 x 4.00mm
- 150 x 5.00mm
- 150 x 6.00mm
- 150 x 8.00mm

Code	Size
STW96700702	6 Pce

PUNCH - PARALLEL PIN - SET 6 PIECES - 108/6D



- Contents 6 Pieces
- 150 x 2.50, 150 x 3.00, 150 x 4.00, 150 x 5.00, 150 x 6.00, 150 x 8.00mm

Code	Size
STW96700701	6 pce

DRIFT PUNCHES



- Drift punches are ideal for lining up holes in two or more pieces of metal and drawing pins through various assemblies
- A single piece construction with a hexagonal shank, manufactured from hardened carbon steel, they are accurately hardened for extended service life (52-58 Rockwell)
- The working ends are machine ground with the body in a premium powder coated finish

Code	Size
GRO4050	4.0 x 225mm
GRO4052	6.0 x 300mm

DRIFT PUNCH - 104



- Chrome vanadium steel
- Octagonal
- Steel lacquered silver

Code	Size
STW70060002	4x120mm

PUNCH SET 104-5/6



- Strong, extremely tough and durable
- Manufactured from chrome vanadium steel
- Meet all accepted industry standards
- Contents 6 Pieces
- 120 x 2.00mm
- 120 x 3.00mm
- 120 x 4.00mm
- 120 x 5.00mm
- 120 x 6.00mm
- 120 x 10.00mm
- Supplied in plastic stand

Code	Size
STW96700601	6 Pce

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

ROOFING PUNCH

- Used to punch holes through sheet metal or corrugated sheets to take fastenings
- Precision turned from the finest quality tool steel
- Phosphated finish



Code	Size
LAS2870	6x12x160mm
LAS2875	8x16x200mm

PUNCH & CHISEL SET

- General work shop and engineering use
- Selection of most useful tools
- Chrome Vanadium steel
- Cold chisels : 3 x 10,13 &16 mm
- Taper drifts : 2 x 3.20 & 4,00 mm
- Pin punch : 1 x 150 mm
- Centre punch : 1 x 10 mm

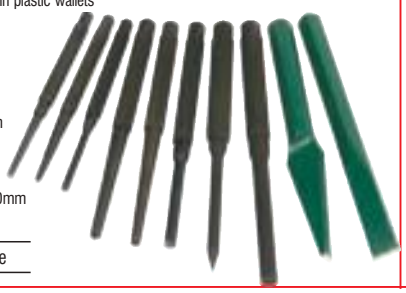


Code	Size
RIC2720	7 pce

PUNCH & CHISEL SET - P10

- Roofing punches are used to punch holes through sheet metal of corrugated sheets to take fastenings
- Phosphated finish
- 10 piece sets are available in plastic wallets

Pin punch 4x8x115mm
Pin punch 6x10x140mm
Pin punch 8x12x160mm
Drive punch 3x8x115mm
Drive punch 5x10x140mm
Roofing punch 6x12x160mm
Centre punch 3x8x115mm
Centre punch 5x10x140mm
Flat cold chisel 12x150mm
Round nose chisel 6x12x150mm



Code	Size
LAS2790	10 Pce

PUNCH & CHISEL SET - P5

- Roofing punches are used to punch holes through sheet metal of corrugated sheets to take fastenings
- Phosphated finish
- 5 piece sets are available in plastic wallets

Roofing punch 6x12x160mm
Centre punch 3x8x115mm
Pin punch 4x8x115mm
Cold chisel 16x175mm
Drive punch 5x10x140mm



Code	Size
LAS2795	5 Pce

NUMBER & LETTER PUNCHES

- For hand held, hammer strike applications
- High quality steel, induction hardened
- Striking end is softer than the punch end to prevent splintering
- Striking end is beveled for safety
- Supplied in convenient boxed sets



Code	Size
GRO4100	Figure 3 mm
GRO4105	Figure 5 mm
GRO4110	Figure 6 mm
GRO4115	Figure 8 mm
GRO4120	Figure 10 mm
GRO4125	Figure 12 mm

Code	Size
GRO4200	Letter 3 mm
GRO4205	Letter 5 mm
GRO4210	Letter 6 mm
GRO4215	Letter 8 mm
GRO4220	Letter 10 mm
GRO4225	Letter 12 mm

BELT PUNCHES

- These hollow steel punches are ideal for use on leather, plastic, fibre etc.
- The precisely ground cutting edge is induction hardened and tempered for longer life reduced wear
- Special design of the cutting tip prevents jamming of materials inside the punch
- These are manufactured in sizes ranging from 2 mm to 25 mm



Code	Size
GRO3800	2 mm
GRO3805	3 mm
GRO3810	4 mm
GRO3815	5 mm
GRO3820	6 mm
GRO3823	7 mm

Code	Size
GRO3825	8 mm
GRO3828	9 mm
GRO3830	10 mm
GRO3835	11 mm
GRO3840	12 mm
GRO3843	13 mm

Code	Size
GRO3845	14 mm
GRO3850	16 mm
GRO3855	19 mm
GRO3860	22 mm
GRO3865	25 mm

BELT PUNCH SET - 9 PIECE

- For punching holes in leather, rubber, canvas, cardboard etc.
- Made from tempered and heat treated tool steel with clearance honed cutting edge to allow easy removal of waste
- Set contains: 2.5, 3, 4, 5, 6, 7, 8, 9 &10mm punches



Code	Size
RIC2730	9 pce

BELT PUNCH SET - 9 PIECE

- 2mm, 3mm, 4mm, 5mm, 6mm, 7mm, 8mm, 9mm, 10mm
- Precision ground
- Knurled grip
- Punch leather, plastic and many other materials
- Supplied in a handy storage case



Code	Size
HON7050	9 pce

GROZ tools to trust WAD PUNCH

- These punches with bell shaped construction are manufactured in sizes ranging from 30 mm to 40 mm
- The shank is powder coated with a ground finish cutting edge



Code	Size
GRO4600	30mm
GRO4605	32mm
GRO4610	35mm
GRO4615	38mm
GRO4620	40mm

GROZ tools to trust WAD PUNCH SET

- Supplied in a convenient plastic pouch
- Available in set of 7: comprises the following sizes: 6, 8, 10, 11, 13, 16 and 19 mm
- Available in set of 10: comprises the following sizes: 6, 8, 10, 11, 13, 16, 19, 22 and 25 mm



Code	Size
GRO3880	6 - 19mm
GRO3882	6 - 25mm

GROZ tools to trust WAD PUNCH SET

- Supplied in a professional wooden case
- Available in set of 14
- Comprises the following sizes: 6, 8, 10, 11, 13, 14, 16, 19, 22, 25, 30, 32, 35 and 38mm



Code	Size
GRO3884	6 - 38mm

OMNI-TECH WAD PUNCH SET - SET 10 PIECES

- For punching holes in leather, rubber, canvas, cardboard, and other materials
- Tempered and heat resistant steel
- Honed cutting edge allows for easy removal of punched materials
- Metal box
- Contents: 5, 6, 8, 10, 12, 15, 16, 20, 25, 32mm



Code	Size
SHA1470	5-32mm

PROTOOL CHASSIS PUNCH - Q MAX

- Used for marking holes in sheet-metal
- Punch is bolted through a pre-drilled hole
- Tighten the nut and the hole is punched
- Car aerials, distribution boxes etc



Code	Size
QMX0010	12.5mm
QMX0020	14.0mm
QMX0030	16.0mm
QMX0040	17.5mm
QMX0050	20.0mm
QMX0060	22.5mm

Code	Size
QMX0070	25mm
QMX0080	27.5mm
QMX0090	30.0mm
QMX0095	32.5mm
QMX0100	35.0mm
QMX0110	40.0mm

Code	Size
QMX0120	45.0mm
QMX0130	50.0mm
QMX0140	60.0mm
QMX0150	70.0mm

STANLEY SCREW HOLE PUNCH

- Centres screw starting hole quickly and accurately from hinges, butts, locks, straps, etc



Code	Size
STA3745	80mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

REVOLVING PUNCH

- Professional quality and strength for many applications
- Drop forged from carbon alloy steel, heat treated for maximum strength
- Industrial black finish with comfortable vinyl grips
- Hardened and tempered punch wheel with sizes: 2.6, 3, 3.4, 3.8, 4.2 and 4.8mm



Code	Size
RIC2620	300mm

GROZ REVOLVING PUNCH

- Made from heavy gauge pressed sheet steel
- Spring loaded revolving head incorporates 6 punches of sizes, 2mm, 2.5mm, 3mm, 3.5mm, 4mm, 4.5mm
- Punches are accurately treated for extended life and are exposed to a brass anvil which prevents the edges from getting damaged in use
- Each punch locates exactly in position locking in place with the pawl and ratchet mechanism.



Code	Size
GRO3075	220mm

GROMMET TOOL KIT

- Heavy duty tool includes 10 set brass finished grommets
- Ideal for hundreds of uses as snap fastener kit for canvas,leather, plastic and fabrics, webbing kit for attaching webbing to beach and garden furniture, eyelet tool kit for inserting eyelets in belts, sneakers, bookbinders etc



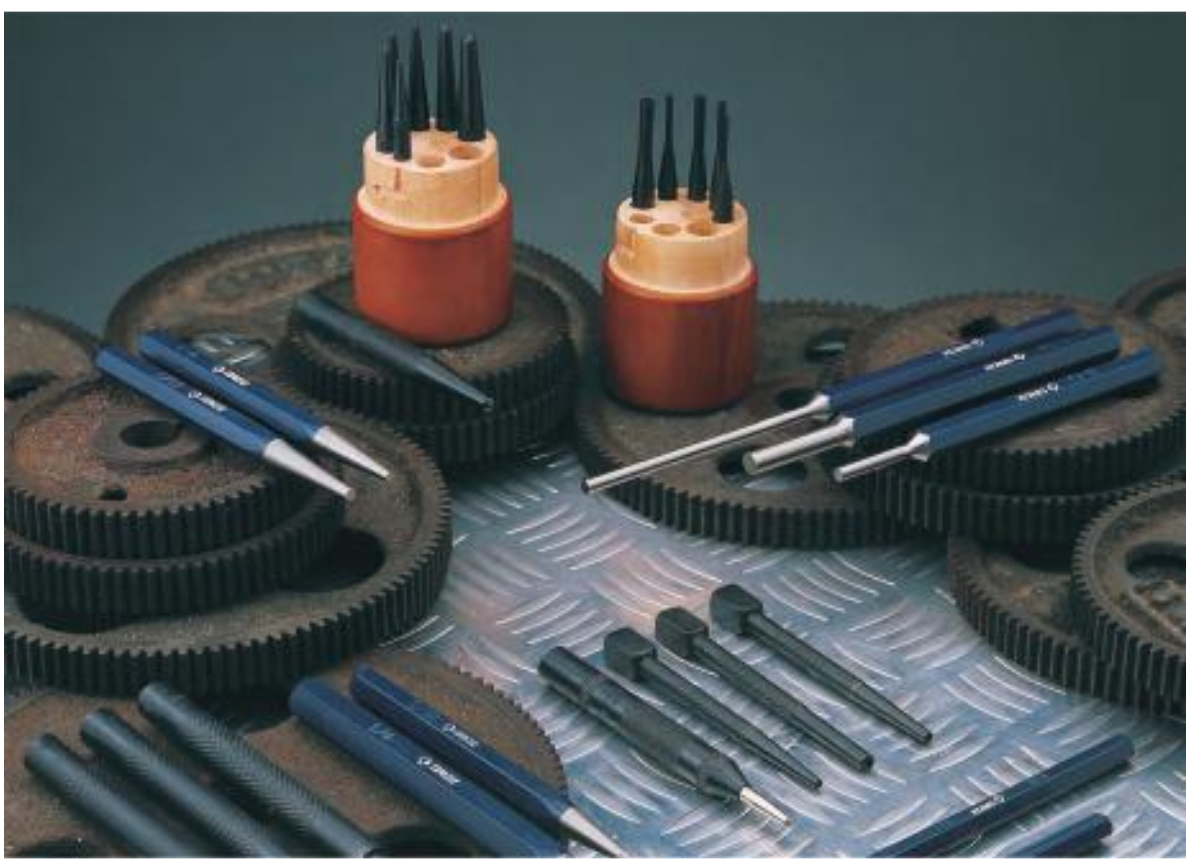
Code	Size
RIC1498	9.5mm
RIC1500	12.5mm

SPARE GROMMETS

- 12.5mm and 9.5mm available
- 25 piece set



Code	Size
RIC1490	12.5mm
RIC1512	9.5mm



WOOD CHISELS

- Bolster construction blades are hardened and tempered so that the blade can be re-sharpened to the last inch
- Tough, impact resistant plastic handles
- All come honed ready for use with plastic blade guards



Code	Size
HON0808	6mm
HON0809	10mm
HON0811	13mm
HON0813	16mm
HON0815	19mm
HON0817	25mm

WOOD CHISELS

- Expert quality, heavy duty chisels designed for use with a mallet but will accept incidental use with a hammer
- Blade and tang forged in one piece from high grade chrome vanadium steel
- Precision ground bevels and cutting edges
- Tough impact resistant plastic handle with comfortable soft touch TRP grip for prolonged use
- Supplied with plastic end guard for safety and protection



Code	Size
RIC0830	6mm
RIC0835	10mm
RIC0840	12mm
RIC0845	16mm

Code	Size
RIC0850	19mm
RIC0855	25mm
RIC0860	32mm
RIC0865	38mm

WOOD CHISELS - BEVEL EDGE

- Fully heat treated forged steel blade for longer life
- Polypropylene handle for a comfortable grip, practically unbreakable
- Lacquered blade for rust prevention
- Blade guard for safety



Code	Size	Ref.
STA2634	6mm	16-151
STA2635	10mm	16-149
STA2637	12mm	16-152
STA2639	16mm	16-153
STA2642	18mm	16-154
STA2645	22mm	16-155
STA2646	25mm	16-156
STA2647	32mm	16-157
STA2648	38mm	16-161

WOOD CHISELS - BEVELED EDGE - M444

- Blade hardened up to last 25mm for long working life
- For an edge that is slow to blunt yet easy to sharpen
- Solid one-forged blade ensures structural integrity
- Blade lacquered for rust protection
- Large strong tang keeps handle firmly attached
- Designed for use with mallet
- Impact resistant handle will absorb the occasional hammer blow

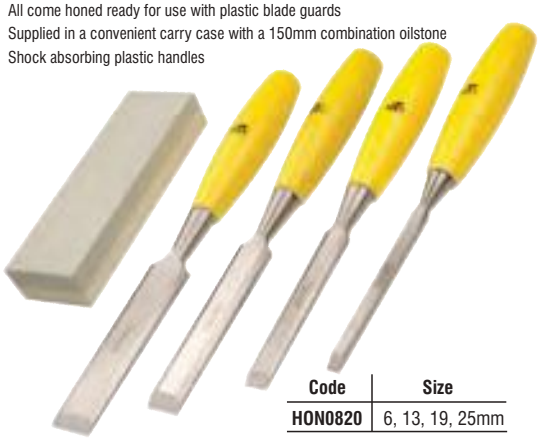


Code	Size
MAR0010	10mm
MAR0015	13mm
MAR0020	16mm

Code	Size
MAR0025	19mm
MAR0030	25mm
MAR0035	32mm
MAR0040	38mm

WOOD CHISEL SET WITH OILSTONE

- Bolster construction blades are hardened and tempered so that the blade can be re-sharpened to the last inch
- All come honed ready for use with plastic blade guards
- Supplied in a convenient carry case with a 150mm combination oilstone
- Shock absorbing plastic handles



Code	Size
HON0820	6, 13, 19, 25mm

4 PCE WOOD CHISEL SET

- Expert quality, heavy duty chisels designed for use with a mallet but will accept incidental use with a hammer
- Blade and tang forged in one piece from high grade chrome vanadium steel
- Precision ground bevels and cutting edges
- Tough impact resistant plastic handle with comfortable soft touch TRP grip for prolonged use
- Supplied with plastic end guard for safety and protection



Code	Size
RIC0875	6, 12, 19, 25mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

IRWIN WOOD CHISEL - BEVELED EDGED, SET 3 - M444/S3

- Blade hardened up to the last 25mm for long working life
- For an edge that is slow to blunt yet easy to sharpen
- Solid one-forged blade ensures structural integrity
- Blade lacquered for rust protection
- Large strong tang keeps handle firmly attached
- Designed for use with mallet
- Impact resistant handle will absorb the occasional hammer blow



Code	Contents
MAR0055	13, 19, 25mm

IRWIN WOOD CHISEL - BEVELED EDGED, SET 4 - M444/S4

- Blade hardened up to the last 25mm for long working life
- For an edge that is slow to blunt yet easy to sharpen
- Solid one-forged blade ensures structural integrity
- Blade lacquered for rust protection
- Large strong tang keeps handle firmly attached
- Designed for use with mallet
- Impact resistant handle will absorb the occasional hammer blow



Code	Contents
MAR0045	6, 13, 19, 25mm

IRWIN WOOD CHISEL - BEVELED EDGED, SET 5 - M444/S5

- Blade hardened up to the last 25mm for long working life
- For an edge that is slow to blunt yet easy to sharpen
- Solid one-forged blade ensures structural integrity
- Blade lacquered for rust protection
- Large strong tang keeps handle firmly attached
- Designed for use with mallet
- Impact resistant handle will absorb the occasional hammer blow



Code	Contents
MAR0050	6, 10, 13, 19, 25mm

IRWIN CHISEL IRWIN 13MM-25MM SET 3 - 10507931

- Blade hardened up to the last 25mm for long working life
- For an edge that is slow to blunt yet easy to sharpen
- Solid one-forged blade ensures structural integrity
- Blade lacquered for rust protection
- Large strong tang keeps handle firmly attached
- Designed for use with mallet
- Impact resistant handle will absorb the occasional hammer blow



Code	Contents
MAR0060	13-25mm

STANLEY WOOD CHISEL - BEVELED EDGE, SET 3 16-158

- Fully heat treated forged steel blade for longer life
- Polypropylene handle for a comfortable grip, practically unbreakable
- Lacquered blade for rust prevention
- Blade guard for safety



Code	Contents
STA2669	12, 18, 25mm

STANLEY WOOD CHISEL - BEVELED EDGE, SET 4 16-159

- Fully heat treated forged steel blade for longer life
- Polypropylene handle for a comfortable grip, practically unbreakable
- Lacquered blade for rust prevention
- Blade guard for safety



Code	Contents
STA2670	6, 12, 18, 25mm

TURNING CHISELS 3 PIECE SET

- Expert quality, contains most popular sizes for craftsmen
- Durable blades manufactured from high carbon cutlery tool steel, hardened and tempered and heat treated
- Blades are finely ground and polished for keen and long lasting cutting edges
- Lacquered hardwood handles are grooved for a positive safe grip and comfort
- 3 Piece set contains: 1 x 12mm Skew Chisel -1 x 12mm Gouge -1 x 3mm Parting Tool



Code
RIC0820

CARVING CHISEL SET - 6 PIECE

- Wooden handles
- Standard quality blades
- Most popular blade configurations for carving wood, linoleum & other materials



Code
MTS2160

CARVING CHISEL SET - 12 PIECE

- Wooden handles
- Standard quality blades
- Most popular blade configurations for carving wood, linoleum & other materials



Code
HON0818

SMOOTH PLANE - A3

- Fully adjustable, for cutter alignment and depth of cut
- General purpose planes for workshop, site or fine finishing of high quality work
- Fine grey iron bases with handle and knob in fine lacquered wood
- Chrome carbon steel cutters
- Spare blades are available



Code	Size
AMB1000	240x45mm

SMOOTH PLANE - A4

- Fully adjustable, for cutter alignment and depth of cut
- General purpose planes for workshop, site or fine finishing of high quality work
- Fine grey iron bases with handle and knob in fine lacquered wood
- Chrome carbon steel cutters
- Spare blades are available



Code	Size
AMB1010	245x50mm

PLANE - GOBAL

- Kidney shaped lever cap screw hole prevents accidental slipping of cutter
- Chrome carbon steel cutter hardened and tempered to retain a keen cutting edge
- Fully adjustable frog for all tasks and timber types
- Finger tip adjustment for depth of cut and cutter alignment
- Tight fitting spring steel cap iron for perfect shaving flow
- Precision cast fine grey iron base for stability and wear resistance
- Precision ground base and sides ensure performance to highest tolerance
- Virtually unbreakable handle polypropylene handle and knob shaped for comfort



Code	Size	Ref.
STA3583	235x45mm	12-163
STA3586	245x50mm	12-164
STA3591	355x50mm	12-165

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

STANLEY PLANE - BAILEY SMOOTH

- General purpose planes for workshop, site or fine finishing of high quality work
- Kidney shaped lever cap screw hole prevents accidental slipping of cutter
- Chrome carbon steel cutter hardened and tempered to retain a keen cutting edge
- Fully adjustable frog for all tasks and timber types
- Finger tip adjustment for depth of cut and cutter alignment
- Tight fitting spring steel cap iron for perfect shaving flow
- Precision cast fine grey iron base for stability and wear resistance
- Precision ground base and sides ensure performance to highest tolerance
- Virtually unbreakable handle polypropylene handle and knob shaped for comfort



Code	Size	Ref.
STA3640	240x45mm	1-12-003

STANLEY PLANE - BAILEY SMOOTH

- General purpose planes for workshop, site or fine finishing of high quality work
- Kidney shaped lever cap screw hole prevents accidental slipping of cutter
- Chrome carbon steel cutter hardened and tempered to retain a keen cutting edge
- Fully adjustable frog for all tasks and timber types
- Finger tip adjustment for depth of cut and cutter alignment
- Tight fitting spring steel cap iron for perfect shaving flow
- Precision cast fine grey iron base for stability and wear resistance
- Precision ground base and sides ensure performance to highest tolerance
- Virtually unbreakable handle polypropylene handle and knob shaped for comfort



Code	Size	Ref.
STA3645	245x50mm	1-12-004

MTS JACK PLANE - A5

- For rapid stock removal prior to commencing construction work. Depending on plane setting, can also make a good general purpose plane
- Fully adjustable, for cutter alignment and depth of cut
- Fine grey iron bases with handle and knob in fine lacquered wood
- Chrome carbon steel cutters
- Used for stock removal when preparing timber
- Spare blades are available



Code	Size
AMB1020	355x50mm

GROZ NO 5 JACK PLANE

- Used for rapid stock removal prior to commencing construction work
- Fully adjustable alignment and cutting depth
- Precision ground base
- Handle and knob in lacquered hardwood
- Chrome carbon steel blade
- Spare blades are available



Code
GRO3000

STANLEY PLANE - BAILEY JACK

- For rapid stock removal prior to commencing construction work
- Depending on the plane setting, this plane can also make a good general purpose plane
- Kidney shaped lever cap screw hole prevents accidental slipping of cutter
- Chrome carbon steel cutter hardened and tempered to retain a keen cutting edge
- Fully adjustable frog for all tasks and timber types
- Finger tip adjustment for depth of cut and cutter alignment
- Tight fitting spring steel cap iron for perfect shaving flow
- Precision cast fine grey iron base for stability and wear resistance
- Precision ground base and sides ensure performance to highest tolerance
- Virtually unbreakable handle polypropylene handle and knob shaped for comfort



Code	Size	Ref.
STA3650	355x50mm	1-12-005

STANLEY PLANE - BAILEY JOINTER/TRY

- For rapid stock removal prior to commencing construction work
- Depending on the plane setting, this plane can also make a good general purpose plane
- Kidney shaped lever cap screw hole prevents accidental slipping of cutter
- Chrome carbon steel cutter hardened and tempered to retain a keen cutting edge
- Fully adjustable frog for all tasks and timber types
- Finger tip adjustment for depth of cut and cutter alignment
- Tight fitting spring steel cap iron for perfect shaving flow
- Precision cast fine grey iron base for stability and wear resistance
- Precision ground base and sides ensure performance to highest tolerance
- Virtually unbreakable handle polypropylene handle and knob shaped for comfort



Code	Size	Ref.
STA3595	560x60mm	1-12-007
STA3600	460x60mm	1-12-006

STANLEY BLOCK PLANE ADJUSTABLE

- Made from fine grey iron with all working surfaces accurately
- machined for precision results
- General purpose block plane
- Adjustable for depth of cut and alignment



Code	Size	Ref.
STA3550	180x40mm	1-12-220



STANLEY BLOCK PLANE - NON-ADJUSTABLE

- Made from fine grey iron with all working surfaces accurately machined for precision results
- General purpose block plane
- Depth of cut only adjustable by disassembling the plane



Code	Size	Ref.
STA3555	140x35mm	1-12-102

STANLEY PLANE - DUPLEX

- Made from fine grey iron with all working surfaces accurately machined for precision results
- Two cutter position for regular and bull nose work
- Supplied with adjustable fence, depth gauge and cutting spur for cross work grain



Code	Size	Ref.
STA3620	255x38mm	1-12-078

STANLEY SURFORM - PLANER FILE METAL

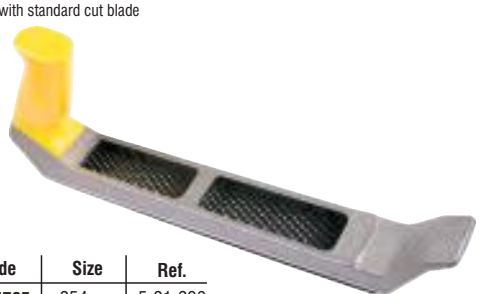
- Tough polypropylene handle
- Adjustable for use as a plane or file
- Black die cast body
- Fitted with standard cut blades



Code	Size	Ref.
STA5760	254mm	5-21-122

STANLEY SURFORM - PLANE

- Plane with tough polypropylene handle
- Black die cast body
- Fitted with standard cut blade



Code	Size	Ref.
STA5765	254mm	5-21-296

STANLEY SURFORM - FLAT FILE

- Flat file with tough polypropylene handle
- Black die cast body
- Fitted with standard cut blade



Code	Size	Ref.
STA5735	254mm	5-21-295

STANLEY SURFORM - BLOCK PLANE METAL

- Black painted die-cast alloy body
- Fitted with fine cut blade



Code	Size	Ref.
STA5755	140mm	5-21-399

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

STANLEY SURFORM SHAVER TOOL - 5-21-115

- Polypropylene body
- Compact and effective tool with curved blade for increased stock removal
- Click action blade replacement
- Works on pull action

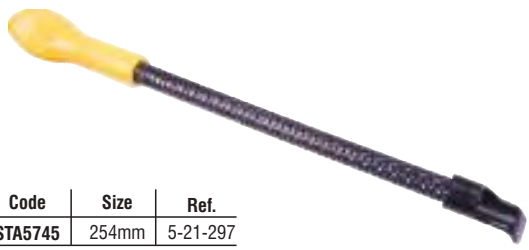


Code	Size
STA5785	60mm



STANLEY SURFORM - ROUND FILE

- Round file with tough polypropylene handle
- Particularly useful for sculpturing, shaping or enlarging holes
- Front piece removable for blade change



Code	Size	Ref.
STA5745	254mm	5-21-297

STANLEY SPOKESHAVE - ROUND ADJUSTABLE

- Fine grey iron body with black painted finish
- Fully adjustable for depth cut and alignment
- Round base for concave surfaces



Code	Size	Ref.
STA5300	54mm	1-12-152

STANLEY SPOKESHAVE - FLAT ADJUSTABLE

- Fine grey iron body with black painted finish
- Fully adjustable for depth cut and alignment
- Flat base for flat surfaces



Code	Size	Ref.
STA5305	54mm	1-12-151

STANLEY SPOKESHAVE - CABINET 1-12-080

- Fine grey iron body with black painted finish
- Fully adjustable for depth cut and alignment



Code	Size
STA3940	290 x 70mm

STANLEY SPOKESHAVE - SPARE CUTTERS

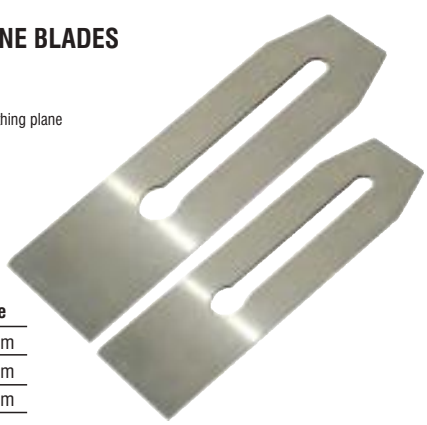
- Made from chrome carbon steel
- hardened and tempered
- Fits 12-151 and 12-152



Code	Size	Ref.
STA5318	54mm	1-12-350

MTS PLANE BLADES

- Chrome carbon steel
- For #3, 4 & 5 smoothing plane



Code	Size
AMB1070	43mm
AMB1080	50mm
AMB1090	60mm

STANLEY SPARE PLANE BLADE - IRON

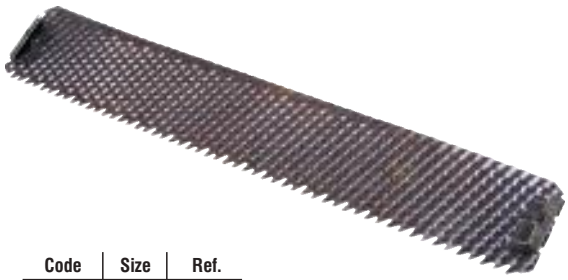
- Made from chrome carbon steel for excellent edge retention
- Fine rotary ground to give a flat surface which is easy to sharpen.
- Accurately ground edge of 25°
- Before use an additional honed angle of 30° should be applied
- Good quality steel
- Heat treated and tempered



Code	Part No.	Blade Width	Fits Planes
STA3525	0-12-315	60mm	12-405/055 & 12-006/007
STA3530	0-12-312	45mm	12-203
STA3540	0-12-313	50mm	12-004/005 & 12-204/205

STANLEY SURFORM BLADE - STANDARD CUT

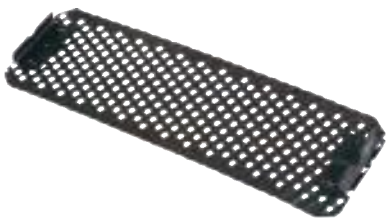
- Fully hardened and tempered steel blade



Code	Size	Ref.
STA5730	254mm	5-21-293

STANLEY SURFORM BLOCK PLANE BLADE

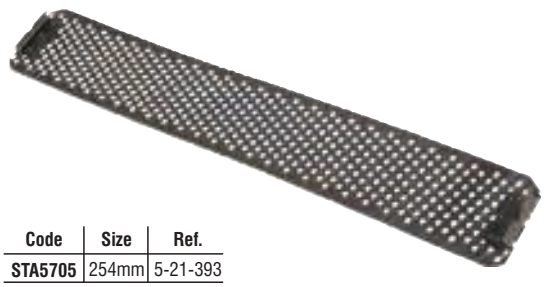
- Fully hardened and tempered steel blade



Code	Size	Ref.
STA5700	140mm	5-21-398

STANLEY SURFORM BLADE - FINE CUT

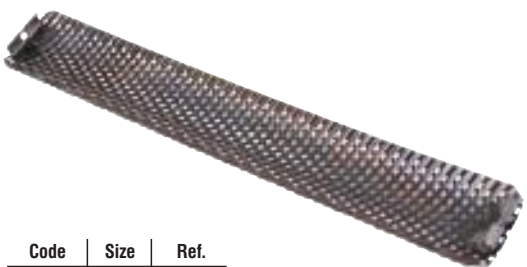
- Fully hardened and tempered steel blade



Code	Size	Ref.
STA5705	254mm	5-21-393

STANLEY SURFORM BLADE - HALF ROUND

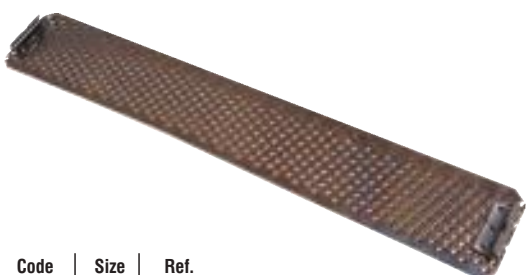
- Fully hardened and tempered steel blade



Code	Size	Ref.
STA5710	254mm	5-21-299

STANLEY SURFORM BLADE - METAL / PLASTIC

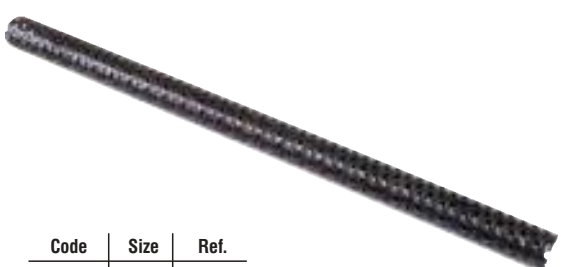
- Fully hardened and tempered steel blade



Code	Size	Ref.
STA5715	254mm	5-21-508

STANLEY SURFORM BLADE - ROUND

- Fully hardened and tempered steel blade



Code	Size	Ref.
STA5720	254mm	5-21-291

STANLEY SURFORM BLADE - FOR SHAVER TOOL

- Fully hardened and tempered steel blade
- For 5-21-115 shaver tool



Code	Size	Ref.
STA5725	60mm	5-21-515

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

FLAT FILES

FLAT FILE

ALL SLEEVED FILES SUPPLIED COMPLETE WITH HANDLES



• Shape: Edges tapered towards the point • Surface double cut • Edges single cut • Uses: For filing flat surfaces, corners and shoulders • Deburring • Also useful for sharpening of certain implements

BASTARD CUT



Loose Code	Size	Sleeved Code
AFT5005	100mm	AFT3995
AFT5006	150mm	AFT4000
AFT5007	200mm	AFT4005
AFT5008	250mm	AFT4010
AFT5009	300mm	AFT4015
AFT5010	350mm	AFT4016

SECOND CUT



Loose Code	Size	Sleeved Code
AFT5015	100mm	AFT4045
AFT5016	150mm	AFT4050
AFT5017	200mm	AFT4055
AFT5018	250mm	AFT4060
AFT5019	300mm	AFT4065
AFT5020	350mm	

SMOOTH CUT



Loose Code	Size	Sleeved Code
AFT5025	100mm	AFT4020
AFT5026	150mm	AFT4025
AFT5027	200mm	AFT4030
AFT5028	250mm	AFT4035
AFT5029	300mm	AFT4040
AFT5030	350mm	

FARMER'S FRIEND FILE

FLAT FILE

- Shape: Edges parallel
- Surfaces single cut
- Safe edges
- Uses: For sharpening cutting knives and implements
- Can be used as a lathe file

BASTARD CUT





Code	Size
AFT3985	200mm

FARMER'S FRIEND FILE - 2ND CUT

FLAT FILE

- Shape: Edges parallel
- Surfaces single cut
- Safe edges
- Uses: For sharpening cutting knives and implements
- Can be used as a lathe file

SECOND CUT





Code	Size
AFT5197	250mm

MILL SAW FILES - 2ND CUT

FLAT FILE

- Shape: Parallel thin
- Surfaces and edges single cut
- One round edge, one square edge
- Uses: For sharpening wood saws, circular saws, felling and gang saws with fine teeth and band saws.
- Excellent for draw and fine filing, polishing and deburring work
- Often used in engineering industry as lathe and deburring tool

SECOND CUT





Code	Size
AFT5200	250mm
AFT5201	300mm

WARDING FILE - 2ND CUT/BASTARD CUT

FLAT FILE

- Shape: Edges full tapered
- Surface double cut, edges single cut
- Uses: For filing narrow grooves and passages



SECOND CUT



Code	Size
AFT5161	150mm
AFT5162	200mm

BASTARD CUT



Code	Size
AFT5156	150mm

HALF ROUND FILES

HALF ROUND

ALL SLEEVED FILES SUPPLIED COMPLETE WITH HANDLES



• Shape: Edges taper towards the point • Double cut and single cut • Uses: For filing concave and flat surfaces

BASTARD CUT



Loose Code	Size	Sleeved Code
	100mm	AFT4070
AFT5096	150mm	AFT4075
AFT5097	200mm	AFT4080
AFT5098	250mm	AFT4085
AFT5099	300mm	AFT4090
AFT5100	350mm	AFT4091

SECOND CUT



Loose Code	Size	Sleeved Code
AFT5105	100mm	AFT4123
AFT5106	150mm	AFT4125
AFT5107	200mm	AFT4130
AFT5108	250mm	AFT4135
AFT5109	300mm	AFT4140
AFT5110	350mm	AFT4141

SMOOTH CUT



Loose Code	Size	Sleeved Code
	100mm	AFT4095
AFT5116	150mm	AFT4100
AFT5117	200mm	AFT4105
AFT5118	250mm	AFT4110
AFT5119	300mm	

ROUND FILES

ROUND

ALL SLEEVED FILES SUPPLIED COMPLETE WITH HANDLES



• Shape: Tapered towards the point • Double cut single cut and spiral cut • Uses: for filing holes, mouldings and half round grooves

BASTARD CUT



Loose Code	Size	Sleeved Code
AFT5035	100mm	AFT4185
AFT5036	150mm	AFT4190
AFT5037	200mm	AFT4195
AFT5038	250mm	AFT4200
AFT5039	300mm	AFT4205

SECOND CUT



Loose Code	Size	Sleeved Code
AFT5045	100mm	AFT4235
AFT5046	150mm	AFT4240
AFT5047	200mm	AFT4245
AFT5048	250mm	AFT4250
AFT5049	300mm	AFT4255
AFT5050	350mm	AFT4256

SMOOTH CUT



Loose Code	Size	Sleeved Code
AFT5055	100mm	AFT4203
AFT5056	150mm	AFT4215
AFT5057	200mm	AFT4220
AFT5058	250mm	AFT4225
AFT5059	300mm	AFT4230

CHAINSAW FILE - ROUND

ROUND

- A round parallel sided file
- Used especially for sharpening chainsaw chain

SECOND CUT







Code	Size
AFT1950	200x4.75mm
AFT1955	200x5.55mm

SQUARE FILES

SQUARE

ALL SLEEVED FILES SUPPLIED COMPLETE WITH HANDLES



• Shape: Tapered towards the point • Double cut • Uses: For filing grooves, square holes, inside corners and for finishing cutting tools

BASTARD CUT



Loose Code	Size	Sleeved Code
	100mm	AFT4290
AFT5066	150mm	AFT4295
AFT5067	200mm	AFT4300
AFT5068	250mm	AFT4305
AFT5069	300mm	AFT4310

SECOND CUT



Loose Code	Size	Sleeved Code
AFT5075	100mm	AFT4340
AFT5076	150mm	AFT4345
AFT5077	200mm	AFT4350
AFT5078	250mm	AFT4355
AFT5079	300mm	AFT4360

SMOOTH CUT



Loose Code	Size	Sleeved Code
AFT5085	150mm	AFT4320
AFT5086	200mm	AFT4325
AFT5087	250mm	AFT4330

THREE SQUARE FILES

3 SQUARE

ALL SLEEVED FILES SUPPLIED COMPLETE WITH HANDLES



• Shape: Triangular section • Tapered towards the point • No cut on edges • Double cut on flat sides • Uses: For filing flat surfaces, corners and grooves

BASTARD CUT



Loose Code	Size	Sleeved Code
AFT5126	150mm	AFT4400
AFT5127	200mm	AFT4405
AFT5128	250mm	AFT4410
AFT5129	300mm	AFT4415

SECOND CUT



Loose Code	Size	Sleeved Code
AFT5135	100mm	AFT4490
AFT5136	150mm	AFT4495
AFT5137	200mm	AFT4500
AFT5138	250mm	AFT4505
AFT5139	300mm	

SMOOTH CUT



Loose Code	Size	Sleeved Code
	100mm	AFT4450
AFT5146	150mm	AFT4455
AFT5147	200mm	AFT4460
AFT5148	250mm	AFT4465

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SLIM TAPER FILE

3 SQUARE

ALL SLEEVED FILES SUPPLIED COMPLETE WITH HANDLES



- Shape: Slim taper are narrower than standard three square taper files
- Files are triangular in section
- The edges taper towards the point
- Surfaces and edges are single cut
- Dimensions are the width of the flat surface
- For sharpening all saws with fine cross teething
- Uses: Taper saw files can be substituted with one another where the cross dimensions are the same

Loose		Sleeved
Code	Size	Code
AFT5180	100mm	AFT4260
AFT5181	125mm	AFT4265
AFT5182	150mm	AFT4270
AFT5183	175mm	AFT4275
AFT5184	200mm	AFT4280
AFT5185	250mm	

SECOND CUT



STEEL FILE SET

- Quality engineer and saw files
- Top quality file steel with fine sharpening edges
- Anti-rust protection
- Comfortable plastic handles
- Supplied in a convenient storage pouch

- Contents:
- Flat - 250 & 150mm
- Half round - 200mm
- Round - 150mm
- Slim taper - 150mm



Code	Size
MTS2657	5 pce

FILE SET

- Hot forged from the finest special analysis steel, hardened with fine sharpened edges for fast cutting
- Fully finished for rust resistance
- Comfortable ergonomic handle with soft-touch rubber grip and hanging hole

- Contents:
- Flat 250mm
- Mill 200mm
- Half round 200mm
- Round 150mm
- Slim taper 150mm



Code	Size
RIC1300	5 pce

FILE SET

- Assortment of most commonly used files
- Assorted shapes
- Useful for workshop, farm, DIY
- In plastic wallet

- Contents:
- Flat 200mm
- Half round 200mm
- Round 200mm
- Square 200mm
- Mill 200mm
- File cleaning brush
- Complete with handles



Code	Size
AFT2405	200mm

NEEDLE FILE SET

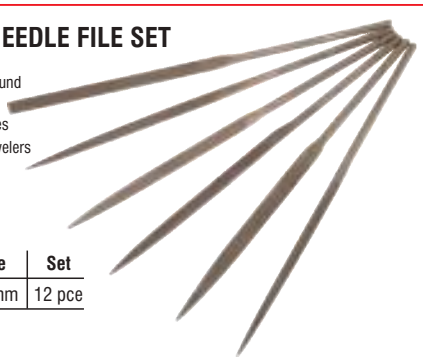
- For fine filing and polishing jobs
- Used by engravers, precision engineers, instrument makers, watchmakers and goldsmiths
- A selection of 10 most popular profiles
- Supplied in a convenient storage pouch



Code	Size
HON0900	10 pce

NEEDLE FILE SET

- Needle files are short round handled files
- Come in assorted shapes
- Used by locksmiths, jewelers and for fine work



Code	Size	Set
AFT2210	160mm	12 pce



FLAT WOOD RASP

FLAT FILE

- Shape: Edges are parallel
- Surfaces are rasp cut
- Edges single cut
- Uses: For work in wood, plywood, wallboard, plastics and other soft materials



Code	Size	Code	Size	Code	Size
AFT5205	250mm	AFT5206	300mm	AFT5207	350mm

HALF ROUND RASP

HALF ROUND

ALL SLEEVED FILES SUPPLIED COMPLETE WITH HANDLES

- Shape: Edges are parallel
- Surfaces are rasp cut
- Edges single cut
- Uses: For work in wood, plywood, wallboard, plastics and other soft materials



Loose Code	Size	Sleeved Code	Loose Code	Size	Sleeved Code	Loose Code	Size	Loose Code	Size
AFT5210	200mm	-	AFT5211	250mm	AFT4120	AFT5212	300mm	AFT5213	350mm

CABINET RASP

HALF ROUND

- Shape: Thin, half round
- Edges and surfaces taper towards the point
- Edges single cut
- Surfaces rasp cut
- Uses: For work in wood, plywood, wallboard, plastics and other soft materials



Code	Size	Code	Size
AFT3990	250mm	AFT3992	300mm

SHOE RASP

HALF ROUND

- Shape: Edges parallel
- Flat side rasp cut and double cut
- Curved side rasp cut and double cut
- Uses; Primarily by blacksmiths, farriers, and cobblers



Code	Size
AFT5215	200mm

BODYFILE - FLAT

FLAT FILE

- A coarse body file for the rapid removal of body filler used in panel repair jobs
- Mounting holes at either end allow the blade to be firmly fixed to a body file holder



Code	Size
HON0535	9 TPI

Sykes-Pickavant. BODYFILE BLADE - STANDARD FLAT CUT - 057121

FLAT FILE

- Specially treated alloy steel – very hard while still flexible
- Fits 057101 body blade holder



Code	Size	Length
SYK057121	9 TPI	356mm

Sykes-Pickavant. BODYFILE BLADE – PLASTICUT FLAT - 057125

FLAT FILE

- Specially treated alloy steel – very hard while still flexible
- Fits 057101 body blade holder

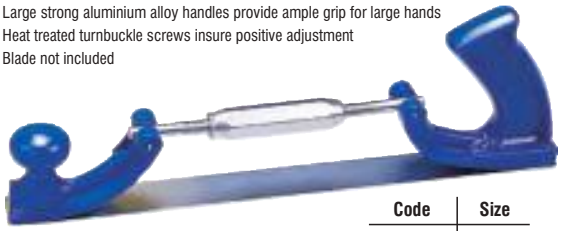


Code	Size	Length
SYK057125	6.5 TPI	356mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

BODYFILE HOLDER - ADJUSTABLE

- Light and rigid over a wide range of concave or convex surfaces
- Adjustable for standard 356mm blades
- Ideal for body repair and sheet metal work
- Large strong aluminium alloy handles provide ample grip for large hands
- Heat treated turnbuckle screws insure positive adjustment
- Blade not included



Code	Size
RIC0645	356mm

BODYFILE HOLDER ADJUSTABLE - 057101

- Adjustable blade holder, suitable for forming and shaping fillers
- and metal during body repair work
- Made from aluminium with steel adjuster and base plate



Code	Size
SYK057101	356mm

FILE HANDLES - PLASTIC

- Should be used with every file, to prevent possible hand injury
- Plastic construction with comfort grip
- Holed to fit file tang-simple tap in
- Small size for files 150mm -200mm



Code	Size
AFT5300	85mm
AFT5305	95mm
AFT5310	110mm

FILE CLEANING BRUSH

- Wooden handle
- Has rows of very stiff steel bristles
- Used for cleaning teeth of most files, wood and steel



Code	Size
AFT1900	230mm

FILE HANDLES - WOODEN

- Solid wood replacement handles to suit square tangs
- Available in 4 convenient sizes
- Fitted with metal reinforcement
- Unvarnished

Code	Size
HND0045	75mm
HND0050	100mm
HND0055	130mm
HND0060	150mm



ENGINEERS SCRAPER SET

- Hand scrapers are designed for the removal of high spots on machined surfaces
- To create a smooth surface on slide ways, bearings, cast iron surface plates and precision marking out plates
- Made from high grade steel, suitably hardened to maintain a very keen cutting edge



Code	Size
ECP4625	4 pce

FLAT ENGINEERING SCRAPER

- Designed for removing high spots on machined surfaces, bearings and cast iron surface plates



Code	Size
STW72050104	20 X 305mm

HEAVY DUTY HAND DRILL

- Good quality, heavy duty hand drill for drilling most materials
- Die cast zinc speed gear and double pinions are machine cut for smooth operation
- Parallel side housing for high leverage and protection of pinions
- Heavy duty 3 jaw steel chuck has ¼" capacity
- High impact hollow plastic handle and operating grip are attractively striped with trim



Code	Size
RIC1130	280mm

4 JAW BRACE

- Heavy duty construction with ball bearing quill to suit the most demanding professional
- Heavy gauge 13mm diameter steel frame and box ratchet fully bright chrome plated
- Tough black plastic grips
- Hardened, high grade steel 4 jaw chuck accepts square or round shank bits



Code	Size
RIC0695	300mm

BIT BRACES - 4 JAW PROFESSIONAL 1-02-715

- Chromomium plated for corrosion resistance
- Ball bearing mounting head for smooth operation
- 12-Point, 3 way ratchet for use in confined spaces
- 13mm diameter chuck size



Code	Size
STA2460	254mm

BIT BRACES - 4 JAW 02-110

- Chromomium plated for corrosion resistance
- Ball bearing mounting head for smooth operation
- 12-Point, 3 way ratchet for use in confined spaces
- 13mm diameter chuck size



Code	Size
STA2475	254mm

CARPENTER'S BRACE - 2 JAW 5000

- For use with auger bits, gimlet bits and screwdriver bits
- With ratchet
- Nickel plated
- Wooden handles



Code	Sweep
IRW3100	254mm

SPARE JAWS FOR CARPENTER'S BRACE 5015

- Spare Jaws for IRW3100 2 Jaw Carpenter's Brace



Code	Size
IRW3120	-

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

HANDSAW, WOODEN HANDLE

- Traditional wooden handle
- A medium toothed universal blade configuration which cuts both across and along the grain
- Cut Plywood, PVC pipe, chipboard, drywall board and all hard/soft woods

Code	Size	Point
MTS4020	550mm	6
MTS4030	600mm	6



HANDSAW - HARD POINT, WOODEN HANDLE

- Traditional wooden handle
- Hard point saw with blue/black toothed edge indicates a special high frequency hardening process
- Blade stays sharp longer but cannot be re-sharpened
- Cut Plywood, PVC pipe, chipboard, drywall board and all hard/soft woods
- Cross Cut or rip

Code	Size	Point
MTS4040	550mm	6
MTS4050	600mm	6



HANDSAW - CROSSCUT, WOODEN HANDLE

- SAE 1070 hardened steel blade
- Aggressive teeth design cuts 37% faster
- Saw teeth protected with plastic cover
- Hardwood handle
- Locked and polished

Code	Size	Points	Ref
STA3870	510mm	8	20-503
STA3875	550mm	8	20-504
STA3880	610mm	8	20-505



HANDSAW - CROSSCUT, PROFESSIONAL

- Finely crafted hand saw made with special alloy steel
- Aggressive teeth design
- Cuts in both directions
- Hardwood handle

Code	Size	Points	Ref
STA3885	550mm	8	15-560
STA3890	610mm	8	15-561
STA3865	660mm	8	15-562



HANDSAW, WOODEN HANDLE

- A high quality handsaw with a weatherproof hard wood handle
- Manufactured from superior quality imported steel
- Skewed backed for balance
- Universal toothing
- For the craftsman and DIY users

Code	Size	Points	Pitch
LAS3050	600mm	8	3.5



HANDSAW, RUBBER HANDLE

- Superior rubber handle for comfort also doubles up as a marking out guide
- A medium toothed universal blade configuration which cuts both across and along the grains
- Cut Plywood, PVC pipe, chipboard, drywall board and all hard/soft woods



Code	Size	Point
MTS4017	550mm	6
MTS4018	600mm	6

IRWIN Record HANDSAW, FINE

- Triple ground teeth
- 1mm rigid blade for maximum stability
- Soft grip handle with finger guide
- Hard point teeth
- High quality C75 steel blade



Code	Size	Point	Ref
JAK0140	550mm	11	10505543

IRWIN Record HANDSAW, UNIVERSAL

- Triple ground teeth
- 1mm rigid blade for maximum stability
- Soft grip handle with finger guide
- Hard point teeth
- High quality C75 steel blade



Code	Size	Point	Ref
JAK0125	500mm	9	10505540
JAK0130	550mm	9	10505541

IRWIN Record HANDSAW, COARSE

- Triple ground teeth
- 1mm rigid blade for maximum stability
- Deep gullets for enhance performance and greater volume removal of waste material
- Soft grip handle with finger guide
- Hard point teeth
- High quality C75 steel blade



Code	Size	Point	Ref
JAK0135	550mm	9	10505542

LASHER HANDSAW "*SUPER*" WITH POLY HANDLE

- A superior handsaw with a straight back
- Universal toothing
- Shock resistant
- Polypropylene handle moulded directly onto the blade



Code	Size	Point	Pitch
LAS3040	500mm	11	2.5
LAS3041	550mm	10	2.5
LAS3043	600mm	8	3.5
LAS3046	600mm	5	6.5

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

HANDSAW, POLY HANDLE

- A superior handsaw with a straight back
- Universal toothing
- Shock resistant
- Polypropylene handle moulded directly onto the blade

Code	Size	Point	Pitch
LAS3065	550mm	11	2.5
LAS3070	600mm	8	3.5
LAS3075	650mm	5	6.5
LAS3080	650mm	7	4.25



HANDSAW - COARSE CROSSCUT - XP3033

- Designed for coarse jobs where high speed is preferred and coarse cut is acceptable
- Supplied with non-hardened teeth and can be sharpened
- Soft grip handle with finger guide

Code	Size	Point
JAK0180	600mm	4



TOOLBOX SAW, PTFE COATED - 10505544

- Triple ground teeth
- 1mm rigid blade for maximum stability
- Fine nose teeth for easy start
- Soft grip handle with finger guide
- Hard point teeth
- High quality C75 steel blade

Code	Size	Point
JAK0160	375mm	9



NEST OF SAWS

- A general purpose saw for cutting wood, metal, plastic and pruning
- The wooden handle will take a choice of 5 different blades, which can easily adjusted to any angle for optimum performance

  350mm hand saw
  250mm back saw
  300mm pruning saw
  300mm hacksaw
  250mm keyhole saw

Code
MTS4060



DOVETAIL SAW, WOODEN HANDLE

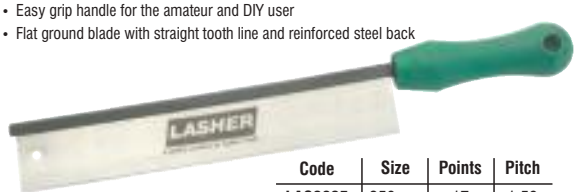
- Generally used for cutting fine joints
- This saw features a shaped, comfortable wooden handle and a steel backed hardened blade



Code	Size	Point
MTS4015	250mm	11

DOVETAIL SAW, PLASTIC HANDLE

- A fine tooth saw specifically designed for cutting either soft or hard wood in dovetail and cabinet work
- Easy grip handle for the amateur and DIY user
- Flat ground blade with straight tooth line and reinforced steel back



Code	Size	Points	Pitch
LAS3035	250mm	17	1.59

METAL MITREBOX WITH SAW

- A die-cast mitre box with 550mm saw included
- Accurate angle settings for 30º, 45º, 60º, 75º and 90º angles
- Both saw guide height and saw guide thickness are adjustable
- The base is grooved for through cuts
- Maximum cutting depth approximately 100 mm
- Spare blades for aluminium and wood are available

Code	Size
HON3770	550mm



BACKSAW, WOODEN HANDLE

- Straight bladed saw for fine cutting of tenons, and smaller sections of wood to length
- Additional steel strengthening along the back provides rigidity
- Perfectly balanced, tempered steel blade for soft and hard woods
- Traditional wooden handle

Code	Size	Point
MTS3995	250mm	10
MTS4000	300mm	10
MTS4010	350mm	10



TENON SAW - XP3055

- Triple ground teeth
- Reinforced back for optimum stability
- Fine tooth saw ideal choice for fine carpentry and can be used in a mitre box
- Soft grip handle with finger guide
- Hard point teeth
- High quality C75 steel blade

Code	Size	Point
JAK0050	300mm	13



BACKSAW - PROFESSIONAL

- Finely crafted saw made with special alloy steel
- Laquered hardwood handle
- Teeth finely set - 13 Point

Code	Size	Ref	Point
STA3840	305mm	15-884	13
STA3845	356mm	15-886	13



BACKSAW WITH POLY HANDLE

- For accurate cabinet work
- The backsaw or tenon saw will cut both with and across the grain
- Universal fine toothing for mitre sawing and wood moldings
- Flat ground blade with reinforced steel

Code	Size	Points	Pitch
LAS3000	250mm	13	2.0
LAS3005	300mm	13	2.0
LAS3010	350mm	13	2.0



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

PLASTIC MITREBOX AND SAW

- Robust PVC mitre box with accurate slots for 45° and 90° cutting
- Base is grooved for through cuts
- 350mm back saw with sturdy blade stiffener, tempered steel blade and plastic handle is set and sharpened



Code	Size	Point
MTS3587	350mm	13

STANLEY PLASTIC MITREBOX AND SAW - 19-800

- Lightweight, high impact ABS plastic for strength and durability
- Holes in base for fastening work to bench
- Allows for 90º, 45º and 22½º right and left cuts as well as 45º scarf cut guide
- Front lip butts up against workbench to prevent slipping in use
- Saw storage in mitrebox



Code
STA3306

STANLEY CLAMPING MITREBOX PLUS SAW - 20-600

- One piece injection moulded for strength and durability
- Patented cam lock clamping system holds workpiece securely in place
- Built in saw stop to prevent damaging the mitrebox
- Holes in base for fastening work to bench
- Allows for 90º, 45º and 22½º right and left cuts as well as 45º scarf cut guide



Code
STA3307

PLASTIC MITREBOX

- Robust PVC mitre box with accurate slots for 45° and 90 ° cutting
- Base is grooved for through cuts



Code	Size
MTS3589	300mm

STANLEY MITREBOX - 19-212

- Lightweight, high impact ABS plastic for strength and durability
- Holes in base for fastening work to bench
- Allows for 90º, 45º and 22½º right and left cuts as well as 45º scarf cut guide
- Front lip butts up against workbench to prevent slipping in use



Code	Size
STA3310	300mm

PROTOOL PINE MITREBOX

- Wooden pine body
- Allows 90° and 45° left and right hand cuts



Code	Size
PTL0015	100 x 50mm

HAND & BACKSAW TOOTH SETTER

- Calibrated anvil wheel allows setting teeth of most handsaws
- Single action plunger
- Comfortable handles for easy action
- 4 – 12 points per inch



Code	Size
HON7730	4 - 12 points

SAW - COPING - 70-CP1R

- Blade can be swivelled to cut at any angle
- Blade is tensioned by turning handle
- Well balanced saw with rigid steel frame C.P
- Comfortable wooden handle
- Complete with one blade



Code
ECP4560

COPING SAW – FAT MAX - 15-106A

- High grade carbon hardened and tempered blade
- Durable comfortable moulded handle
- Accepts replacement blades 15-058, 15-059, 15-061



Code	Size
STA3805	160 x 170mm

HACKSAW - ALUMINIUM HANDLE

- Strong comfortable die-cast aluminium handle
- Tubular oval cross-section bow which can hold spare blades
- Frame is adjustable to hold 250mm blades



Code	Size
MTS3400	300mm

HACKSAW - SQUARE TUBE

- An adjustable hacksaw frame with outstanding design and superior quality
- The aluminium die cast handle, unbreakable in normal use provides a comfortable grip and also directs pressure in the correct line of thrust for maximum efficiency
- The blade cuts fully through to a 90° angle, alternatively it can also be set at 45°
- A handy storage compartment in the square bow allows for storing spare blades. Includes 300mm blade



Code	Size
GRO2430	300mm

HACKSAW - TUBULAR FRAME - 20T

- Heavy duty oval tubular frame
- Die cast handle for superb control
- Perfect combination of balance and rigidity
- Guarded grip design protects knuckles
- Blade can be angled to 90°
- Storage space in frame for spare blades
- Includes one 300 mm blade



Code	Size
SOS5600	300mm

HACKSAW - FLAT FRAME - 18TND

- Strong light flat frame for greater comfort and control
- Bi-Metal steel blade
- 90° blade adjustment



Code	Size
SOS5990	300mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

HACKSAW - GENERAL PURPOSE - 72-66XR

- General purpose saw for cutting through wood, plastics and soft metals (such as nails)
- Polyester coated blade
- Die cast 9 position handle to enable cutting in difficult positions



Code	Size
SOS5900	300mm

HACKSAW - TUBULAR - 95VC

- Chrome plated tubular frame hacksaw
- Die cast aluminium handle
- Supplied with one HSS Blade
- Wing nut tightens blade
- Store spare blade in frame



Code	Size
VIC3000	300mm

HACKSAW - BLACK FLAT (D.I.Y)

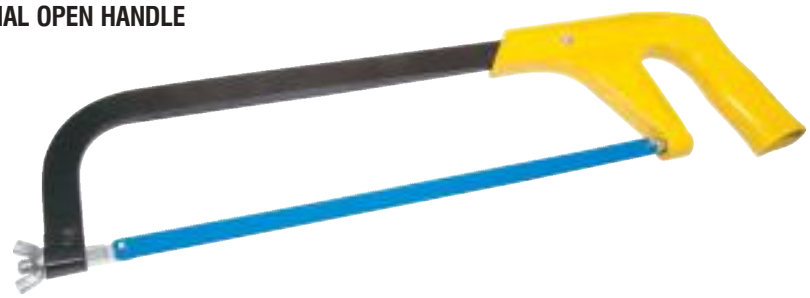
- Black, steel frame with comfortable PVC handle
- Square section at the end of the frame allows for four different blade positions



Code	Size
MTS3410	300mm

HACKSAW - PROFESSIONAL OPEN HANDLE

- Chrome plated steel frame with die cast open handle
- High frequency welded steel
- Adjustable to take 250mm blade



Code	Size
MTS3402	300mm

HACKSAW - FLAT FRAME - 40PG

- A strong, rigid and well-balanced hacksaw with a die-cast pistol grip handle and solid bow
- The saw blade can be angled at 90˚ to the frame if necessary
- Includes 300 mm blade



Code	Size
ECP4150	300mm

STANLEY HACKSAW - FLAT FRAME - 15-200

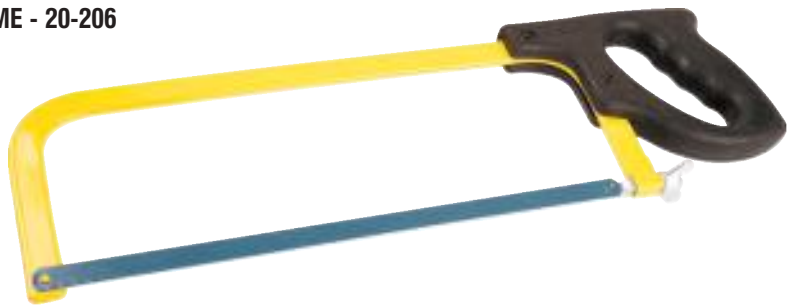
- Rigid steel frame adjustable
- Plastic handle for comfort
- Chrome plated



Code	Size
STA2940	300mm

STANLEY HACKSAW - FIXED FRAME - 20-206

- Flat steel frame non-adjustable
- Plastic handle for comfort



Code	Size
STA2943	300mm

MTS HACKSAW - SQUARE TUBE

- Extra strong frame for unbeatable rigidity and exceptional blade tension
- Lightweight aluminium handle with comfortable rubber grip
- Flush cutting at 45º and 90º angles
- Includes spare blade



Code	Size
MTS3412	300mm

RACO HACKSAW - PROFESSIONAL SQUARE TUBE

- Expert quality, patented, heavy duty hacksaw ideal for professional
- Hardened, heavy gauge pressed steel frame with industrial black finish
- Extremely rigid- tension
- Solid, high impact handle
- Ball-end with screw for fine adjustment and optimal blade tensioning giving higher cutting performance
- Blade can be positioned for vertical or horizontal cutting
- Supplied with 300mm blade



Code	Size
RIC1620	300mm

RACO HACKSAW - SQUARE TUBE

- Expert quality, high tension professional hacksaw for efficient cutting action and reduced blade twisting and binding
- Special screw pivot lever device for easy tensioning
- Blade cuts fully through to a flat surface and is easily changeable from vertical to 45 degree cutting
- Robust aluminium handle with rubber grip for greater comfort and increased control
- Box frame stores extra blades
- Supplied with 300mm blade



Code	Size
RIC1622	300mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

IRWIN Record HACKSAW - TUBULAR 10506437

- Mushroom pins prevent blade from being released when dropped
- Ergonomic handles ensure a comfortable sawing grip
- Metal tensioning mechanism for a longer lasting tool
- 90º- 180º blade mounting for sawing large objects



Code	Size
IRW3510	300mm

IRWIN Record HACKSAW - SQUARE TUBE 10504407

- Ergonomic metal frame for higher blade tension
- Soft touch handles ensure a comfortable sawing grip
- Metal tensioning mechanism for a longer lasting tool
- Integral blade storage inside frame
- 90º- 55º blade mounting for sawing large objects



Code	Size
IRW3500	300mm

MITCO HACKSAW - SQUARE TUBE

- Professional hacksaw frame enables the user to cut straight
- and fast without fear of buckling the saw blade
- One piece frame
- Only one hand is required to install a new blade
- Includes 300 mm blade



Code	Size
MTC3370002	300mm

STANLEY HACKSAW - PROFESSIONAL - 15-166

- Aluminium handle with rubber grip for extra comfort
- Two blade position 90º and 45º



Code	Size
STA2938	300mm

MTS JUNIOR HACKSAW

- Chrome plated steel wire frame is designed to give perfect blade tension during use
- Supplied with 150mm shatterproof blade
- Blade can be angled to 90°
- Finger guard for comfort and prevention of injury
- Storage space in frame for spare blades
- Includes one 300 mm blade



Code	Size
HON1795	150mm

JUNIOR HACKSAW

- Steel rod frame, hardened and nickel plated
- Easy to hold and control when cutting with a plastic finger guard for comfort
- Overall length 238mm with 150mm junior hacksaw blade



Code	Size
RIC1600	150mm

GROZ tools to trust JUNIOR HACKSAW

- Superior quality chrome plated steel wire frame is designed to give perfect blade tension during use
- Finger guard prevents injury to the user
- Comes complete with 150mm shatterproof blade



Code	Size
GRO2400	150mm

ECLIPSE JUNIOR HACKSAW - 70-14J

- Hardened nickel plated
- Plastic finger guard for comfort gripping
- Easy to hold and control when cutting



Code	Size
ECP4155	150mm

MINI HACKSAW

- Specially designed for small cutting jobs where space is limited
- Hardened and chrome plated steel rod frame with die cast aluminium alloy handle
- Overall length 275mm with 150mm junior hacksaw blade



Code	Size
RIC1610	150mm

GROZ tools to trust MINI HACKSAW

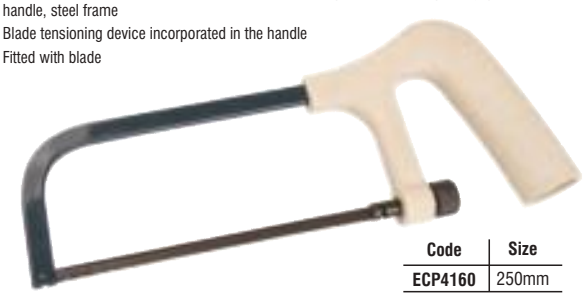
- The compact steel frame is light, yet strong and has a blade tensioning device that locks when the correct blade tension is reached
- Ergonomically designed pistol grip handle is made from high quality ABS plastic
- Comes complete with 150mm shatterproof blade



Code	Size
GRO2410	150mm

ECLIPSE MINI HACKSAW - 70-675

- A more substantial version of the Junior hacksaw with plastic moulded pistol grip handle, steel frame
- Blade tensioning device incorporated in the handle
- Fitted with blade



Code	Size
ECP4160	250mm

HACKSAW - METAL HANDLE & BLADE

- Handle is made from die cast zinc alloy offering rigidity and weight for controlled cutting
- Uses regular hacksaw blades (supplied with 250mm blade)
- Ideal for cutting in hard to reach places



Code	Size
RIC1593	250mm

HACKSAW PLASTIC - HANDLE & BLADE

- Durable, moulded ABS plastic frame for maximum comfort
- Uses regular hacksaw blades (supplied with 250mm blade)
- Ideal for cutting in hard to reach places



Code	Size
RIC1595	250mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

STANLEY MINI HACKSAW, HEAVY DUTY - 15-521

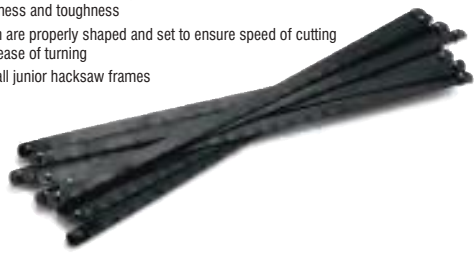
- Durable comfortable moulded handle
- Supplied with carbon steel blade
- Accepts broken blades
- Ideal for confined spaces



Code	Size
STA2950	220mm

GROZ tools to trust JUNIOR HACKSAW BLADES

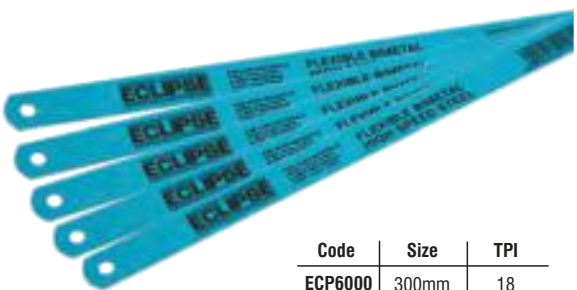
- These are manufactured from high quality steel and are accurately heat treated to give the correct combination of hardness and toughness
- Teeth are properly shaped and set to ensure speed of cutting and ease of turning
- Fits all junior hacksaw frames



Code	Size	TPI
GRO1000	150mm	32

ECLIPSE BI-METAL HACKSAW BLADES

- A virtually unbreakable bimetal blade for superb cutting performance
- Wear resistance and safety
- The combination of an M2 High Speed cutting edge, electron-beam welded to a flexible alloy back, gives a level of cutting power and flexibility that is far superior to edge hardened or conventional flexible blades
- Cuts through all types of materials including alloy and stainless steels



Code	Size	TPI
ECP6000	300mm	18
ECP6010	300mm	24
ECP6020	300mm	32

ECLIPSE JUNIOR SAW BLADES - 71/132R

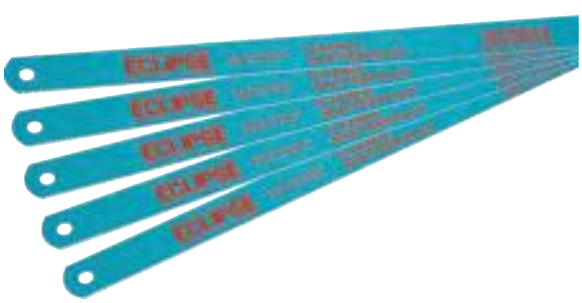
- Manufactured from high quality steel
- Heat treated for hardness and toughness
- Teeth properly shaped and set for speed and cutting ease
- Fit all standard JUNIOR saw frames



Code	Size	TPI
GRO2330	150mm	32

ECLIPSE SHATTER PROOF HACKSAW BLADES

- A virtually unbreakable, edge hardened blade
- Offers flexibility and safety
- Less wear resistance than an all hard or bimetal blade



Code	Size	TPI	Pack
ECP6052	300mm	18	100
ECP6055	300mm	24	100
ECP6058	300mm	32	100

Code	Size	TPI	Pack
ECP6068	300mm	18	2
ECP6070	300mm	24	2
ECP6072	300mm	32	2

ECLIPSE LOW ALLOY HACKSAW BLADES

- Ideal for general purpose sawing of mild steel, brass, aluminium, copper and other soft metals and plastics
- General Purpose
- Shatterproof Blade
- A virtually unbreakable blade suitable for DIY use



Code	Size	TPI	Pack
ECP6030	300mm	18	100
ECP6040	300mm	24	100
ECP6050	300mm	32	100

Code	Size	TPI	Pack
ECP6060	300mm	18	2
ECP6062	300mm	24	2
ECP6065	300mm	32	2

ECLIPSE DOUBLE EDGED HACKSAW BLADES

- High carbon steel
- A double width blade
- Ideally suitable for large diameter plastic piping
- A favorite with plumbers



Code	Size	TPI	Pack
ECP6025	300mm	24	50 Box
ECP6027	300mm	24	Wallet

ECLIPSE COPING SAW BLADES - 71/CP/7R

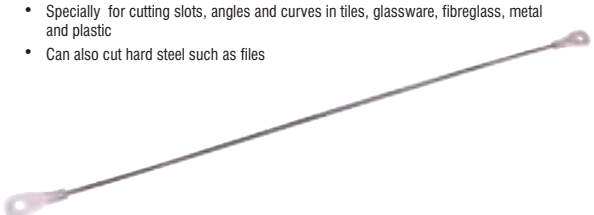
- Manufactured from high quality steel
- Heat treated for hardness and toughness
- Teeth properly shaped and set for speed and cutting ease
- Fit all standard coping saw frames



Code	Size	TPI
ECP2200	165mm	14

ECLIPSE RODSAW BLADES

- Tungsten carbide blade-used in a hacksaw frame
- Specially for cutting slots, angles and curves in tiles, glassware, fibreglass, metal and plastic
- Can also cut hard steel such as files



Code	Length
ECP6510	300mm

IRWIN Record BLADE – RECIPROCATING DEMOLITION

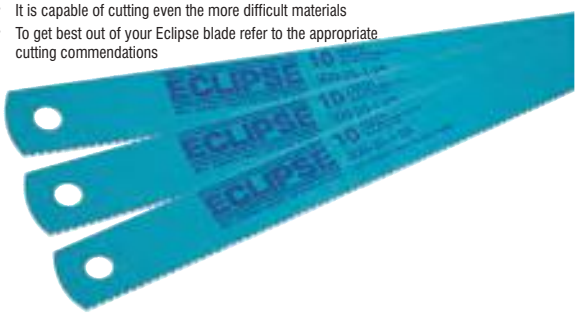
- Bi-Metal blade for use on heavy duty & demolition applications in both wood and metal
- Suitable for materials 5mm and thicker



Code	Ref No	Size	TPI
IRW3700	966R	225mm	6
IRW3710	960R	225mm	10

ECLIPSE POWERSAW BLADES

- This High Speed Steel All Hard blade will give accuracy in sawing
- Manufactured from M2 High Speed Steel
- It is capable of cutting even the more difficult materials
- To get best out of your Eclipse blade refer to the appropriate cutting commendations



Code	Size(mm)	TPI
ECP6200	300 x 25	10
ECP6205	300 x 25	14
ECP6210	350 x 25	10
ECP6215	350 x 25	14
ECP6217	350 x 25	14
ECP6220	350 x 32	6
ECP6225	350 x 32	10
ECP6230	350 x 32	14
ECP6235	400 x 32	6

Code	Size(mm)	TPI
ECP6240	400 x 32	10
ECP6242	400 x 32	14
ECP6245	450 x 32	6
ECP6250	450 x 32	10
ECP6255	500 x 40	6
ECP6257	500 x 50	6
ECP6265	550 x 50	6
ECP6275	600 x 50	6
ECP6285	650 x 50	6

ECLIPSE GENERAL PURPOSE SAW BLADES

- Polyester coated blade
- Fits SOS5900



Code	Size
SOS3280	465mm

IRWIN Record BLADE - RECIPROCATING DEMOLITION

- Bi-Metal blade cuts composition materials such as plastic, wood, pipe, carbon steel and stainless steel
- Suitable for materials 3.2mm and thicker

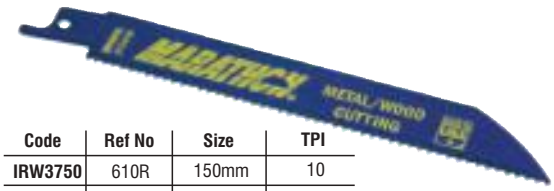


Code	Ref No	Size	TPI
IRW3730	618R	150mm	18
IRW3740	818R	200mm	18

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

IRWIN Record BLADE – RECIPROCATING DEMOLITION

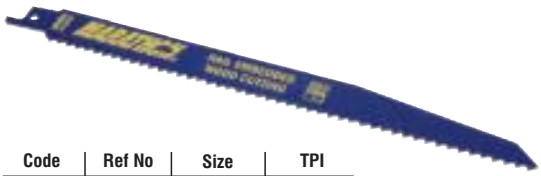
- Bi-Metal blade cuts composition materials such as plastic, wood, pipe, carbon steel and stainless steel
- Suitable for materials 3.2mm and thicker



Code	Ref No	Size	TPI
IRW3750	610R	150mm	10
IRW3760	810R	200mm	10
IRW3770	110R	300mm	10

IRWIN Record BLADE – RECIPROCATING NAIL-EMBEDDED WOOD

- Bi-Metal blade cuts all metals including non ferrous, pipe conduit, stainless steel and sheet metal
- Suitable for use with materials 1.5 – 10mm thick depending on the TPI of the blade



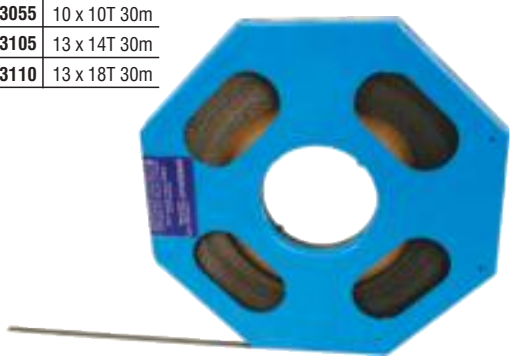
Code	Ref No	Size	TPI
IRW3780	656R	150mm	6
IRW3790	956R	225mm	6

ECLIPSE BANDSAW BLADES - CARBON FLEXIBLE - BLACK

- Produced from high quality carbon steel
- Cutting edge is hardened to give sharp and lasting teeth
- Supported by a sturdy, yet flexible back which allows the blade to withstand stress and strain in the most arduous conditions
- Blades are Raker set
- Supplied in 30 metre rolls



Code	Size
SOS3015	6 x 14T 30m
SOS3020	6 x 18T 30m
SOS3055	10 x 10T 30m
SOS3105	13 x 14T 30m
SOS3110	13 x 18T 30m



MTS MITRE SAW BLADES

- Replacement blade for mitre saw for aluminium and wood



Code	Size
HON0525	550mm Alum
HON0527	550mm Wood

Mitre Saw not included

MTS JIGSAW BLADE ASSORTMENT

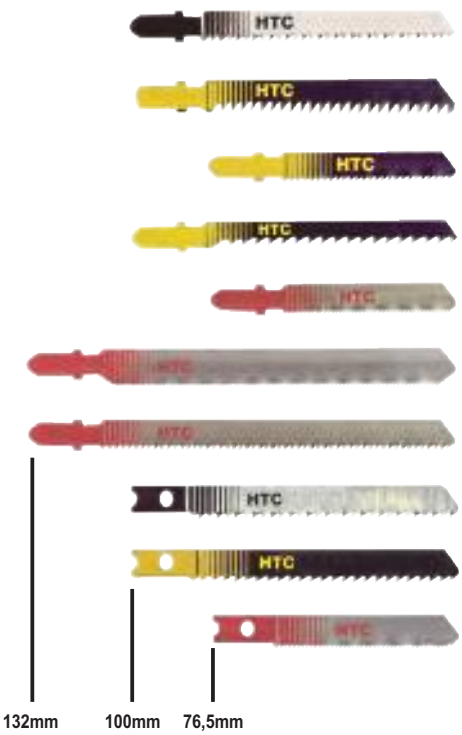
- Assortment of universal jig saw blades
- 2 X 100mm steel / plastic
- 2 x 70mm steel / plastic
- 2 x 100mm wood
- 2 x 70mm wood
- 2 x 100mm general purpose



Code	Size
HON0530	70 - 100mm



HCS : High Carbon Steel
HSS : High Speed Steel
HM : Hard Metal



Jigsaw Blades Type Numbers		Hardwood, Softwood, Chipboard, Furniture Board	Plastic Coated chipboard	Plywood	Polystyrene, Leather, Carton, Rubber, Carpeting	Wood containing Nails
HTC	BOSCH					
HTC-1075	T101BR	very fine cutting to 30mm		fine cutting to 30mm		
HTC-1015	T101B	fine cutting to 60mm	fine cutting to 60mm	fine cutting to 60mm		
HTC-1080	T101D	very fine and fast cutting to 60mm		very fine and fast cutting to 60mm		
HTC-1020	T111C	coarse cutting to 60mm		coarse cutting to 60mm		
HTC-1045	T119B	coarse cutting to 30mm		coarse cutting to 30mm	coarse cutting to 30mm	
HTC-1070	T144D	coarse and fast cutting to 60mm				
HTC-1050	T118A					
HTC-1055	T118AF					
HTC-1065	T118BF					to 30mm
HTC-1000	T127D					
HTC-1085	T244D					
HTC-1005	T318A			Multiplex		
HTC-1010	T318B					
HTC-1030	U101B	very fine cutting to 30mm		very fine cutting to 30mm		
HTC-1025	U111C	coarse cutting to 60mm		coarse cutting to 60mm		
HTC-1040	U118A					
HTC-1035	U118B					
COOLING						

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

Steel, Mild steel, Sheet metal	Stainless steel	Aluminium, Non-ferrous Metals	Lead, Tin	PVC, Plastics	Fiberglass, Reinforced Plastics	Toothed length	Tooth pitch (mm)	Materials	HTC Part No.
				fine cutting to 30mm		75mm	2.5	ground HCS	HTC-1075
				fine cutting to 30mm		75mm	2.5	ground HCS	HTC-1015
				to 60mm		75mm	4	ground HCS	HTC-1080
		coarse cutting		coarse cutting to 60mm		75mm	3	side-set HCS	HTC-1020
				Insulants Pertinax Perspex		50mm	2	wavy-set HCS	HTC-1045
						75mm	4	Side-set and ground HCS	HTC-1070
1,5 - 4mm		1,5 - 4mm		Agrilic glass Insulants Canvas Linoleum		50mm	1.2	wavy-set high speed steel HSS	HTC-1050
thin steel 1,5 - 4mm suitable for curved cutting	1,5 - 3mm	tin 1,5 - 4mm suitable for curved cutting				50mm	1.2	wavy-set Bi-metal	HTC-1055
Fast cutting 3 - 10mm	2 - 3mm	fast cutting 3 - 10mm		Plexiglass To 30mm		50mm	1.2	wavy-set Bi-metal	HTC-1065
Coarse cutting 3 - 6mm			to 20mm	coarse cutting to 30mm	to 20mm	75mm	3	side-set high speed steel HSS	HTC-1000
Curved coarse cutting 3 - 6mm				Curved coarse cutting to 30mm		75mm	4	side-set high speed steel HSS	HTC-1085
1,5 - 4mm		1,5 - 4mm		Insulants		100mm	1.2	wavy-set high speed steel HSS	HTC-1005
3 - 6mm		3 - 10mm		Composite board		100mm	2	wavy-set high speed steel HSS	HTC-1010
				fine cutting to 30mm		75mm	2.5	HSC ground	HTC-1030
		coarse cutting		coarse cutting to 60mm		75mm	3	HSC side-set	HTC-1025
1,5 - 4mm		1,5 - 4mm		Agrilic glass Insulants Canvas Linoleum		50mm	1.2	wavy-set high speed steel HSS	HTC-1040
3 - 6mm		3 - 10mm				50mm	2	wavy-set high speed steel HSS	HTC-1035
Cutting oil or white spirit	Cutting oil	Cutting oil or white spirit	Cutting oil	Water Pertinax with silicone oil	Water				

HOUSEHOLD SCISSORS

- General purpose scissors for everyday household use
- Ergonomically designed for optimum comfort, balance and control
- Hardened steel blades are designed for long-lasting performance and are suitable for cutting many different materials



Code	Size
MTS4062	138mm

HOUSEHOLD SCISSORS

- General purpose scissors for everyday household use
- Ergonomically designed for optimum comfort, balance and control
- Hardened steel blades are designed for long-lasting performance and are suitable for cutting many different materials



Code	Size
MTS4063	215mm

HOUSEHOLD SCISSORS

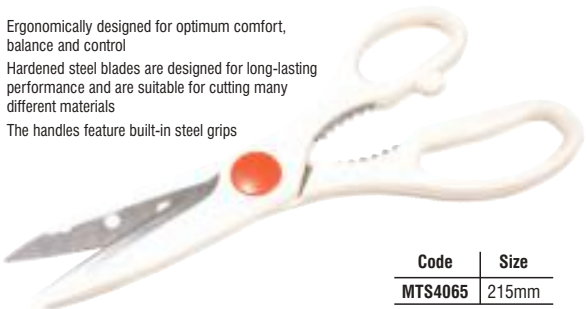
- General purpose scissors for everyday household use
- Ergonomically designed for optimum comfort, balance and control
- Hardened steel blades are designed for long-lasting performance and are suitable for cutting many different materials



Code	Size
MTS4064	250mm

MULTI-PURPOSE SCISSORS

- Ergonomically designed for optimum comfort, balance and control
- Hardened steel blades are designed for long-lasting performance and are suitable for cutting many different materials
- The handles feature built-in steel grips



Code	Size
MTS4065	215mm

MULTI-PURPOSE SCISSORS

- Lightweight kitchen scissors with multiple uses for cutting, bottle opening, nut cracking, cap turning etc
- Stainless steel blades are hardened and the bottom blade is serrated to improve cutting
- Tough, comfortable contoured handles



Code	Size
RIC2970	213mm

TAILOR'S SCISSORS

- Ergonomically designed for optimum comfort, balance and control
- All steel construction with hardened blades, designed for long-lasting performance
- Traditional black lacquered handles



Code	Size
HON0790	250mm

TAILOR'S SCISSORS

- Ergonomically designed for optimum comfort, balance and control
- All steel construction with hardened blades, designed for long-lasting performance
- Traditional black lacquered handles



Code	Size
HON0792	300mm

GLASS CUTTER - 6 WHEEL

- Consisting of high quality carbon steel wheels, precision ground and inspected
- Suitable for General purpose cutting



Code	Size
MTS2410	180mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

GLASS CUTTER - DIAMOND TIP

- This diamond tip glass cutter has a shaped hard wood handle
- Suitable for cutting glass up to 6mm thick, including plate glass



Code	Size
HON0930	180mm

GLASS CUTTER - SINGLE WHEEL

- For general purpose use
- Tungsten carbide rolling wheel with well balanced zinc alloy body and sure grip handle
- Baked enamel blue finish



Code	Size
RIC1440	125mm

DIAMANTOR GLASS CUTTER - SINGLE WHEEL

- Single wheel
- Wooden Handle
- Slots for breaking glass



Code	Size
DIM0005	200mm

KNIFE CUTTER SET - No. 100

- Light duty cutter suitable for smaller cutting jobs
- Retractable blades for safety
- Supplied with blade and 10 extra blades
- Blade lock
- Snap-off blades are replaceable



Code	Size
MTS3540	2 pce

SNAP OFF KNIFE - 13 POINT

- A compact, lightweight cutter with one piece plastic reinforced handle and pocket clip
- Adjustable, positive locking action
- Includes one snap-off blade with 13 cutting points
- Spare blades are available



Code	Size
RIC1960	9mm

1 HIGH QUALITY BLADE INCLUDED

IRWIN Record TRIMMING KNIFE –SNAP OFF - 10504557

- Self locking blade slider for fast blade adjustment on medium duty tasks
- Blade storage for 2 blades inside the removable cartridge
- Strong ABS body with steel blade guide
- Texture grip provides improved control
- Slim nose for maximum visibility of cutting edge
- Hinged end cap cannot be separated from body
- Carbon steel blades



Code	Size
IRW3390	9mm

1 HIGH QUALITY BLADE INCLUDED

IRWIN Record TRIMMING KNIFE –SNAP OFF - 10504556

- Self locking blade slider for fast blade adjustment on medium duty tasks
- Blade storage for 2 blades inside the removable cartridge
- Strong ABS body with steel blade guide
- Texture grip provides improved control
- Slim nose for maximum visibility of cutting edge
- Hinged end cap cannot be separated from body
- Carbon steel blades



Code	Size
IRW3395	18mm

1 HIGH QUALITY BLADE INCLUDED

IRWIN Record TRIMMING KNIFE - PRO TOUCH - 10504555

- Auto-load mechanism enables fast blade changes
- Self locking blade slider for fast blade adjustment on medium duty tasks
- Blade storage for 3 blades inside removable cartridge
- Durable solid cast aluminium body with steel blade guide
- Slim nose for maximum visibility of cutting surface
- Impact resistant
- Carbon steel blades



Code	Size
IRW3375	9mm

3 HIGH QUALITY BLADES INCLUDED

IRWIN Record TRIMMING KNIFE - PRO-TOUCH

- Auto load mechanism enables fast blade changes
- Self locking blade slider for fast blade adjustment on medium duty tasks
- Blade storage for 3 blades inside the removable cartridge
- Durable solid cast aluminium body with steel blade guide
- Pro Touch grip provides excellent control
- Slim nose for maximum visibility
- Impact resistant hinged end cap
- Carbon steel blades
- Snap-off blades



Code	Size
IRW3380	18mm

1 HIGH QUALITY BLADE INCLUDED

STANLEY TRIMMING KNIFE - SNAP-OFF - 0-10-150

- Two part moulded body that allows rapid blade changing
- Multi-position push button for quick, easy use
- Blade snapper included in handle for safety
- Supplied with 1 blade



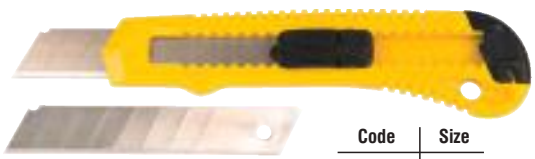
Code	Size
STA3077	9.5mm

1 HIGH QUALITY BLADE INCLUDED

MTS KNIFE CUTTER SET - No. 200

- Medium duty cutter suitable for general purpose use
- Retractable blades for safety
- Supplied with blade and 10 extra blades
- Blade lock
- Snap-off blades are replaceable

10 HIGH QUALITY BLADES INCLUDED



Code	Size
MTS3542	2 pce

RACO SNAP OFF KNIFE - 8 POINT

- An economical, heavy duty cutter designed for more intricate work
- One piece impact resistant, reinforced plastic handle with push button blade positioner with positive locking action
- Includes one snap-of blade with 8 cutting points
- Spare blades are available

1 HIGH QUALITY BLADE INCLUDED



Code	Size
RIC1965	150mm

STANLEY TRIMMING KNIFE - SNAP-OFF - 0-10-151

- Two part moulded body that allows rapid blade changing
- Multi-position push button for quick and easy use
- Blade snapper included in handle for safety
- Supplied with 1 blade



Code	Size
STA3075	18mm

1 HIGH QUALITY BLADE INCLUDED

IRWIN Record TRIMMING KNIFE - SNAP-OFF BLADE 10507106

- Feature-rich heavy duty knife with manual screw tightening at the nose for user controlled blade security
- Cartridge for storing 2 blades
- Durable cast aluminium body with stainless steel blade guide
- Hinged end cap
- Pro-Touch grip for a secure grip and greater comfort



Code	Size
IRW2675	18mm

1 HIGH QUALITY BLADE INCLUDED

STANLEY TRIMMING KNIFE - SNAP-OFF - 0-10-018

- Two part moulded body that allows rapid blade changing
- Multi-position push button for quick and easy use
- Blade snapper included in handle for safety
- Supplied with 6 blades



Code	Size
STA3076	18mm

6 HIGH QUALITY BLADES INCLUDED

STANLEY TRIMMING KNIFE - INTERLOCKING SNAP-OFF - 0-10-018

- Die cast metal body or strength and durability
- 'Anti slip' ergonomic shape
- Interlock patented blade locking system for greater safety during cutting
- Supplied with 1 blade



Code	Size
STA3050	18mm

1 HIGH QUALITY BLADE INCLUDED

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

STANLEY TRIMMING KNIFE - INTERLOCKING SNAP-OFF - 0-10-018

- Die cast metal body or strength and durability
- 'Anti slip' ergonomic shape
- Interlock patented blade locking system for greater safety during cutting
- Supplied with 1 blade



Code	Size
STA3072	18mm

1 HIGH QUALITY BLADE INCLUDED

MTS UTILITY KNIFE CUTTER SET 3 PIECE - 300

- All purpose cutting set, ideal for hobby and craft work
- Retractable blades for safety
- Snap-off blades are replaceable



Code	Size
MTS3544	3 pce

MTS KNIFE CLEAR CUTTER SET 5 PIECE - 600

- All purpose cutting set, ideal for hobbies, crafts and decorating
- Retractable blades for safety
- Snap-off blades are replaceable
- Includes slim-line window scraper with blade
- Modern clear PVC handles



Code	Size
MTS3550	5 pce

MTS KNIFE CUTTER SET 5 PIECE - 400

- All purpose cutting set, ideal for hobbies, crafts and decorating
- Retractable blades for safety
- Snap-off blades are replaceable
- Includes conventional and slim-line window scrapers with blades



Code	Size
MTS3546	5 pce

MTS KNIFE CUTTER SET 5 PIECE - 500

- All purpose cutting set, ideal for hobbies, crafts and decorating
- Retractable blades for safety
- Snap-off blades are replaceable
- Includes conventional and slim-line window scrapers with blades



Code	Size
MTS3548	5 pce

MTS UTILITY KNIFE - FIXED BLADE

- A standard duty utility knife with fixed blade
- Supplied with 5 blades stored in handle
- Sturdy die-cast aluminium body knurled for improved grip
- Spare blades are available



Code	Size
HON3220	120mm

5 HIGH QUALITY BLADES INCLUDED

MTS UTILITY KNIFE - RUBBER GRIP FIXED BLADE

- A standard duty utility knife with fixed blade
- Supplied with 5 blades stored in handle
- Sturdy die-cast aluminium body
- Comfortable rubber grip
- Spare blades are available



Code	Size
HON3240	135mm

5 HIGH QUALITY BLADES INCLUDED

IRWIN Record TRIMMING KNIFE PRO ENTRY FIXED 1050749

- Professional entry-level fixed knife is highly durable and lightweight
- Features an optimised cutting angle for minimal fatigue



Code
IRW3410

1 BI-METAL BLADE INCLUDED

IRWIN Record TRIMMING KNIFE - FIXED

- Feature-rich fixed knife featuring greater blade exposure
- Easy-tool free entry
- Convenient storage for 5 blades
- Magnetic blade retention
- Optimised cutting angle for minimal fatigue
- Pro Touch for a secure grip and greater comfort



Code
IRW3430

3 BI-METAL BLADES INCLUDED

MTS UTILITY KNIFE - RETRACTABLE BLADE

- A standard duty utility knife
- Retractable blade for safety
- Supplied with 5 spare blades stored in the handle
- Sturdy die-cast aluminium body
- Spare blades are available



Code	Size
HON3235	150mm

5 HIGH QUALITY BLADES INCLUDED

MTS UTILITY KNIFE - FINGER GRIP - RETRACTABLE BLADE

- A standard duty utility knife
- Retractable blade for safety
- Comfortable moulded handle fits the hand for improved grip
- Supplied with 5 spare blades stored in the handle
- Sturdy die-cast aluminium body



Code	Size
HON3225	145mm

5 HIGH QUALITY BLADES INCLUDED

MTS UTILITY KNIFE - RUBBER GRIP - RETRACTABLE BLADE

- A standard duty utility knife
- Retractable blade for safety
- Comfortable moulded handle with rubber grips
- Supplied with 5 blades stored in the handle
- Sturdy die-cast aluminium body
- Spare blades are available



Code	Size
HON3250	150mm

5 HIGH QUALITY BLADES INCLUDED

RACO TRIMMING KNIFE - RETRACTABLE

- Standard, heavy duty model designed for professional or general purpose use
- Retractable blade adjusts to 3 positions
- Accepts all common utility knife blades
- Rugged, heavy duty handle made from die cast zinc alloy with baked enamel finish
- Supplied with two spare blades in handle
- Spare blades are available

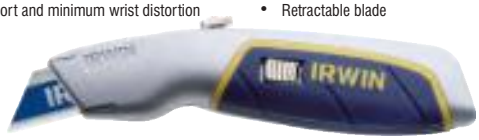


Code	Size
RIC1990	156mm

2 HIGH QUALITY BLADES INCLUDED

IRWIN Record TRIMMING KNIFE PRO TOUCH - 10504236

- Quick change mechanism allows for fast blade removal or reversal
- Performance design using a lightweight but hard-wearing aluminium construction
- Pro Touch grip provides excellent control
- Ergonomic form allows for maximum comfort and minimum wrist distortion
- One touch quick access to spare blades
- Internal blade storage for up to 5 blades
- Bi-Metal blades last up to 3 times longer
- Retractable blade



Code
IRW3400

6 BI-METAL BLADES INCLUDED

IRWIN Record TRIMMING KNIFE PRO ENTRY RETRACTABLE - 10507448

- Professional entry-level fixed knife is highly
- durable and lightweight
- Features an optimised cutting angle for minimal fatigue



Code
IRW3415

1 HIGH QUALITY BLADE INCLUDED

STANLEY TRIMMING KNIFE - RETRACTABLE

- Interlock nose firmly secures blade into knife
- Plastic handle
- Supplied with 1 blade



Code
STA3042

1 HIGH QUALITY BLADE INCLUDED

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

STANLEY TRIMMING KNIFE - RETRACTABLE - 2-10-099

- Interlock nose firmly secures blade into knife
- Die cast zinc body both strong and lightweight
- 5 Blade position allows wider usage for variety of cutting applications
- Blades stored in handle
- Supplied with 3 blades



Code
STA3085

3 HIGH QUALITY BLADES INCLUDED

STANLEY CARPET TRIMMING KNIFE - 2-10-199

- Interlock nose firmly secures blade into knife
- Die cast zinc body both strong and lightweight
- 5 Blade position allows wider usage for variety of cutting applications
- Blades stored in handle
- Supplied with 3 blades



Code
STA3080

3 HIGH QUALITY BLADES INCLUDED

STANLEY TRIMMING KNIFE - SELF RETRACTING - 10-189

- Safety knife with self retracting blade
- Blade remains outside as long as a thumb is kept on the push button
- Retracts when released
- Supplied with special rounded end blade for ultimate safety
- Supplied with 1 blade



Code
STA3038

1 HIGH QUALITY BLADE INCLUDED

IRWIN Record. TRIMMING KNIFE HIGH VISIBILITY 10506454

- High visibility orange coating to minimise risk of loss
- Captive screw entry
- Smooth 3 step retraction for multiple cutting depths
- Storage for 5 blades
- Magnetic blade retention
- Optimised cutting angle for minimum fatigue
- Retractable blade



Code
IRW3385

1 BI-METAL BLADE INCLUDED

IRWIN Record. TRIMMING KNIFE - FOLDING - 10507406

- High quality and compact knife design features a 45° quick change mechanism to increase both productivity and safety
- Anchor belt clip
- Extended thumb edge and wire stripper
- Complete wit Bi-Metal utility blade



Code
IRW3418

1 BI-METAL BLADE INCLUDED

STANLEY TRIMMING KNIFE - SLIDING POCKET UTILITY - 10-810

- Die cast body with soft grip handle for comfort
- Standard utility blades for multi purpose cutting
- Supplied with 1 blade



Code
STA3067

1 HIGH QUALITY BLADE INCLUDED

STANLEY TRIMMING KNIFE - INSTANT FRONT LOAD RETRACTABLE - 10-788

- Interlock nose firmly secures blade into knife
- Die cast zinc body both strong and light
- Supplied with 3 blade



Code
STA3081

3 HIGH QUALITY BLADES INCLUDED

STANLEY TRIMMING KNIFE - FOLDING UTILITY - 0-10-855

- One hand open / close for fast easy access
- Aluminium body - lightweight yet very strong
- Instant blade change
- Accepts standard trimming knife blades
- Supplied with 1 blade



Code
STA2390

1 HIGH QUALITY BLADE INCLUDED

STANLEY TRIMMING KNIFE - QUICK SLIDE SPORT - 10-813

- Multi blade and multi function knife
- Metallic body with soft grip handle for comfort
- 75mm serrated sport blade and standard utility blade ideal for home, garden and leisure applications
- One handed operation blade slider – extends blade quickly and easily
- For security the blades cannot be used simultaneously





Code
STA3100

3 HIGH QUALITY BLADES INCLUDED



MTS SHOE KNIFE - WOODEN HANDLE

- An all purpose knife with a clipt blade and wooden handle for use around the house, garden, warehouse, factory and office



Code	Size
MTS3565	100mm

MTS CUTTER BLADES

- 10mm blades are 13 point
- Supplied in a safe plastic sheath
- Ideal for professional and hobbyists

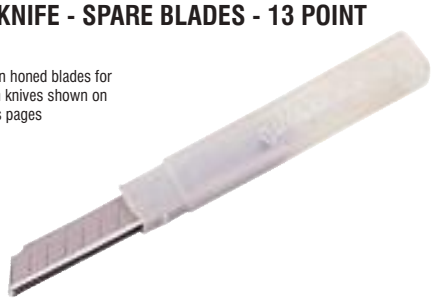


Code	Size
MTS3562	13pt x 10mm



RACO KNIFE - SPARE BLADES - 13 POINT

- Precision honed blades for use with knives shown on previous pages



Code	Size
RIC1985	13pt x 10mm

IRWIN Record BLADE – SNAP-OFF CARBON STEEL

- Revolutionary snap-off blades last 3x longer
- Blades are shatterproof for ultimate safety, which makes them suitable for universal use in most cases
- Soft snap technology for safer segment breakage



Code	Size	Ref
IRW2681	13pt x 9mm	10504566
IRW2682	13pt x 9mm	10504567

STANLEY TRIMMING KNIFE - BLADES SNAP-OFF 0-11-300

- Quality high carbon steel
- Precision honed
- Fits 0-10-150 knife



Code	Size/Ref
STA2285	13pt x 9.5mm

MTS CUTTER BLADES

- 18mm blades are 8 point
- Supplied in a safe plastic sheath
- Ideal for professional and hobbyists



Code	Size
MTS3560	8pt x 18mm



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

KNIFE - SPARE BLADES - 8 POINT

- Precision honed blades for use with knives shown on previous pages



Code	Size
RIC1975	8pt x 18mm

BLADE – SNAP-OFF CARBON STEEL 10504562

- Revolutionary snap-off blades last 3x longer
- Blades are shatterproof for ultimate safety, which makes them suitable for universal use in most cases
- Soft snap technology for safer segment breakage



Code	Size
IRW2680	8pt x 18mm

TRIMMING KNIFE - BLADES SNAP-OFF 0-11-301

- Quality high carbon steel
- Precision honed
- Fits 0-10-151, 0-10-480, 0-10-018 knives



Code	Size
STA2280	8pt x 18mm

CUTTER BLADES

- Heavy duty, general purpose blades
- Ideal for professional and hobbyists
- Convenient safety dispenser



Code	Pack
HON0533	100

SPARE UTILITY BLADES

- Precision made from high carbon cutlery steel, polished with accurately ground cutting edges
- For use with knife RIC1990 or any other utility knife



Code	Pack
RIC1980	5

SPARE UTILITY BLADES

- Carbon steel blades for universal use in most trimming knives



Code	Pack	Ref
IRW2695	5	10504245
IRW2696	10	10504246

BI-METAL BLADES

- Bi-Metal technology fuses two premium steels together
- Creates utility blades that are exceptionally durable, shatterproof and last 3x longer
- Suitable for universal use in most applications



Code	Size	Ref
IRW2690	5 pack	10504240
IRW2692	10 pack	10504241
IRW2693	100 pack	10504243



TRIMMING KNIFE - SPARE BLADES

- Quality high carbon steel
- Accurate ground cutting edge
- Precision honed
- Fits all standard trimming knives
- Ideal for carpet, vinyl and any other material requiring a stiffer and stronger blade



Normal/Heavy duty



Hooked



Code	Ref No.	Type
STA2380	0-11-911	Normal duty 1 x 5
STA2305	1-11-911	Normal duty 100 pack
STA2345	1992-20	Heavy duty 1 x 20 card
STA2385	0-11-921	Heavy duty 1 x 5
STA2310	1-11-921	Heavy duty 100 pack
STA2340	11-921T	Heavy duty 1x10 cartridge
STA2323	4-11-921	400 bulk in 100's
STA2341	11-931	Extra heavy duty 1 x 5
STA2350	0-11-983	Hooked 1x5
STA2315	1-11-983	Hooked 100 sharp point

HAND RIVETER

- A sturdy tool for fastening a wide variety of materials together, using aluminium or steel rivets
- Spring-loaded handle for easy rivet loading and ejection
- Suitable for rivet sizes 2.4mm, 3.2mm, 4.0mm and 4.8mm

Code	Rivet Sizes
MTS3940	2.4, 4.8mm



HAND RIVETER

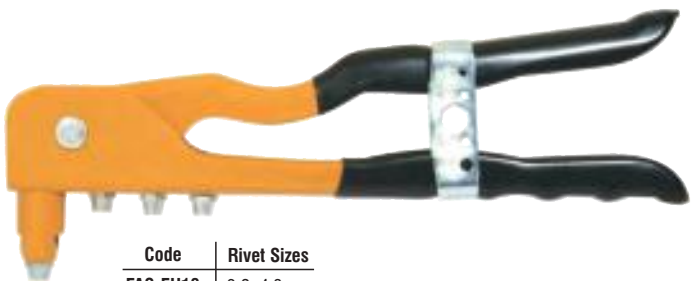
- Expert quality and robust for professional or industrial applications with body manufactured from hardened, heavy gauge carbon steel and scratch-free enameled finish
- Chrome molybdenum hardened steel jaws with three interchangeable nozzles to accept 3,2mm, 4,0mm and 4,8mm diameter rivets
- Hardened fulcrum pin and tempered spring loaded handle for automatic ejection of mandrel
- One hand operation - smooth, fast and easy
- High leverage handle with soft-touch moulded vinyl grips for comfortable operation
- Steel handle holder acts as a nozzle change spanner
- Spare jaws are available. Quote code **RIC2850**



Code	Rivet Sizes
RIC2835	3.2, 4.8mm

Fascor® HAND RIVETER - FH10MK11

- Ideal for high quality low cost hand riveting
- Three nozzles to accept 3.2, 4.0, and 4.80 mm diameter rivets
- Hand assembly ergonomically designed to suite all hand sizes with durable PVC handle
- Steel fabricated epoxy coated tool body
- Supplied with spanner & additional nose pieces in a handy location on the tool body
- Jaw can be cleaned without totally disassembling the tool
- **Spare jaw set FH10-15L - quote code FAS0005**
- **Spare return spring FH10-10 - quote code FAS0080**



Code	Rivet Sizes
FAS-FH10	3.2, 4.8mm

STANLEY® RIVETER - HEAVY DUTY - 69-799

- Chrome molybdenum hardened steel jaws
- Interchangeable nozzles
- Hardened fulcrum pin and tempered spring loaded handle for automatic ejection of mandrel
- High leverage handle with soft-touch moulded vinyl grips
- Includes a wrench for changing nozzles stored in handle

Code	Rivet Sizes
STA3680	2.4, 3.2, 4.0, 4.8mm



Fascor® HAND RIVETER - FOR THREADED INSERTS - FH20

- Threaded insert setting tool ideal for DIY enthusiast and the tradesman
- Places threaded inserts M4 M5 & M6
- Presented in a robust easy carry pouch with selection of threaded inserts
- Kit includes a set of nose pieces and attachments, a spanner threaded inserts
- **Rivet nut conversion FH20-1 - quote code FAS0400**

Code
FAS-FH20

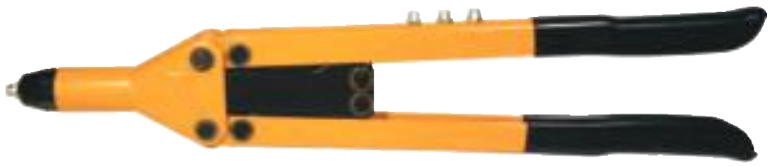




AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

Fascor® SCISSOR TYPE RIVETER - FH2448

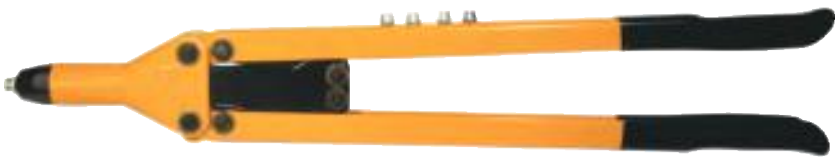
- A powerful "scissor" type riveting tool for Light Industrial use
- Sets aluminium and Steel blind rivets
- Strong enough to set a 4.8mm steel rivet
- Advantage of this tool is that it pushes away from the work surface when setting a rivet, ensuring no scratching of work piece
- Design of the tool ensures no scratching of the work piece
- "Scissor type "action allows for easy use above your head
- Presented in a robust easy carry pouch



Code	Rivet Sizes
FAS-FH2448	3.2, 4.0, 4.8mm

Fascor® SCISSOR TYPE HEAVY DUTY - FH2464

- Powerful "scissor type" riveting tool for Heavy Industrial use
- Sets steel rivets
- Strong enough to set a 6.4mm steel rivet
- Advantages of this tool is that it pushes away from work surface when setting a rivet, ensuring no scratching of the work piece
- "Scissor type" action for easy use above your head
- Presented in a robust easy carry pouch



Code	Rivet Sizes
FAS-FH2464	3.2, 4.0, 4.8, 6.4mm

MTS® CONCERTINA RIVETER

- A tough, durable hand riveter designed for heavy-duty repetitive work on machinery and fabrications particularly where a long reach is required
- The riveter can be operated with one hand



Code	Rivet Sizes
MTS3936	2.4, 3.2, 4.0, 4.8mm

Fascor® LAZY TONG RIVETER - FH44

- Powerful "lazy tong" concertina type tool for light industrial use
- Sets aluminium and steel blind rivets
- FH-44 is tough enough to take the worst abuse
- Strong enough to set a 4.8mm steel rivet
- Cast in nose bush that does not work loose
- Improved lattice to body fixing
- Riveted lattice to handle fixing
- Presented in robust easy carry case
- **Spare jaw set FH44-15/2 - quote code FAS0010**
- **Spare 4.84mm nose piece - quote code FAS0070**



Code	Size
FAS-FH44	3.2, 4.0, & 4.8mm

Fascor® LAZY TONG RIVETER - HEAVY DUTY - FH64

- Powerful "lazy tong" concertina type tool for Heavy Industrial use
- Sets aluminium and steel rivets
- FH-64 is tough enough to take the worst abuse
- Solid steel end cap for access to jaws for cleaning and replacement
- Improve lattice to body fixing
- Riveting lattice to handle fixing
- Narrow lattice to increase leverage and allow setting of stainless steel rivets up to 6.4mm diameter
- Presented in a robust easy carry pouch
- **Spare 6.4mm nose piece - quote code FAS0200**



Code	Size
FAS-FH64	3.2, 4.0, 4.8, & 6.4mm

BLIND RIVETS

- Aluminium head
- Zinc plated steel mandrels
- Pre-packed



Code	Size
FAR3206	3.2 x 6mm
FAR3208	3.2 x 8mm
FAR3210	3.2 x 10mm
FAR3212	3.2 x 12mm
FAR3215	3.2 x 15mm
FAR3218	3.2 x 18mm
FAR4006	4.0 x 6mm
FAR4008	4.0 x 8mm
FAR4010	4.0 x 10mm
FAR4012	4.0 x 12mm

Code	Size
FAR4015	4.0 x 15mm
FAR4018	4.0 x 18mm
FAR4806	4.8 x 6mm
FAR4808	4.8 x 8mm
FAR4810	4.8 x 10mm
FAR4812	4.8 x 12mm
FAR4815	4.8 x 15mm
FAR4818	4.8 x 18mm
FAR4821	4.8 x 21mm

Fascor® POP RIVETS

- Aluminium body
- Zinc plated steel mandrel



Code	Diameter	Length	Grip Range	Drill Size
FAS3206	3.2mm	6mm	Up to 3mm	3.2mm
FAS3208	3.2mm	8mm	2.5 - 5mm	3.3mm
FAS3210	3.2mm	10mm	4 - 7mm	3.3mm
FAS3212	3.2mm	12mm	6 - 8.5mm	3.3mm
FAS3215	3.2mm	15mm	7.5 - 11mm	3.3mm
FAS3218	3.2mm	18mm	10.5 - 14.5mm	3.3mm
FAS4006	4.0mm	6mm	Up to 3mm	4.05mm
FAS4008	4.0mm	8mm	2.5 - 5mm	4.05mm
FAS4010	4.0mm	10mm	4 - 6.5mm	4.05mm
FAS4012	4.0mm	12mm	5.5 - 8mm	4.05mm
FAS4015	4.0mm	15mm	7 - 11mm	4.05mm
FAS4018	4.0mm	18mm	10 - 13.5mm	4.05mm
FAS4806	4.8mm	6mm	Up to 2mm	4.85mm
FAS4808	4.8mm	8mm	2.5 - 4mm	4.85mm
FAS4810	4.8mm	10mm	3.5 - 6mm	4.85mm
FAS4812	4.8mm	12mm	5 - 8mm	4.85mm
FAS4815	4.8mm	15mm	7 - 10.5mm	4.85mm
FAS4818	4.8mm	18mm	10 - 13.5mm	4.85mm
FAS4821	4.8mm	21mm	12.5 - 16mm	4.85mm

RIVET WASHERS

- Three common sizes to suit rivets above
- Supplied in convenient pre-packs with clear indication of size



Code	Size
FARW3	W3 / 3.2mm
FARW4	W4 / 4.0mm
FARW5	W5 / 4.8mm

Fascor® RIVET WASHERS

- Three common sizes to suit rivets above
- Supplied in convenient pre-packs with clear indication of size



Code	Size
FASW3	W3 / 3.2mm
FASW4	W4 / 4.0mm
FASW5	W5 / 4.8mm

Fascor® FH20-1 THREADED INSERT

- Three common sizes to suit rivets above
- Supplied in convenient pre-packs with clear indication of size



Code	Size
FAS0402	M4
FAS0404	M5
FAS0406	M6

Fascor® RIVET NUT SLEEVES



Code	Size	Ref
FAS0410	4mm	FH20-6/4
FAS0420	5mm	FH20-6/5
FAS0430	6mm	FH20-6/6

Fascor® RIVET NUT ATTACHMENT

- Three common sizes to suit rivets above
- Supplied in convenient pre-packs with clear indication of size

Code	Size	Ref
FAS0440	4mm	FH20-7/4
FAS0450	5mm	FH20-7/5
FAS0460	6mm	FH20-7/6





STAPLE GUN - STANDARD DUTY

- A handy plastic staple gun for DIY projects and general home use
- 10mm Crown staples with 4-8mm leg length



Code	Size
HON8054	4-8mm

STAPLE GUN - LIGHT DUTY

- Lightweight, easy-action staple gun for household, DIY, upholstery etc
- Impact resistant ABS plastic housing with power-tacking construction and chrome plated steel handle
- Uses Raco staples - RIC3940 - RIC3945



Code	Size
RIC3900	6-8mm

STAPLE GUN - HEAVY DUTY

- Professional quality, powerful hand tacker with jam-proof mechanism
- Powerful high compression spring drives into most materials for light to heavy duty jobs
- Heavy duty steel construction with precision engineered high carbon hardened steel working parts for long life and trouble free operation
- Supplied with 600 x 10mm staples and spanner
- Uses Raco staples RIC3915 / RIC3920 / RIC3925 / RIC3930 / RIC3935



Code	Size
RIC3910	6-14mm

STAPLE GUN - LIGHT DUTY - TR45

- "Sharpshooter"
- Household staple gun
- Lightweight with convenient handle lock for safe storage
- Easy jam clear mechanism
- Chrome plated steel construction for durability
- Staples: STA5533 STA5544 STA5550



Code	Size
STA5505	6, 8 & 10mm

STAPLE GUN, BRAD NAILER & CABLE TACKER - TR250

- Heavy duty aircraft- aluminium housing for long lasting durability
- Hi/Lo power lever for hard and soft materials
- Flush nose design solves the problem of stapling in tight spots
- All metal drive channel ensures better penetration
- Less force to squeeze and move driving power
- Nails: STA5515 - 12mm
- Staples: STA5530 - 6mm STA5540 - 8mm STA5550 - 10mm STA5525 - 12mm STA5573 - 14mm



Code	Nail Size	Staple Size
STA5503	12mm	6 & 8mm
	15mm	10,12 & 14mm

STAPLES - LIGHT DUTY

- Professional quality, staples supplied in convenient quantities
- Packaging clearly indicates size and quantity



Code	Size	Packaging
RIC3940	6mm	1000 p/box
RIC3945	8mm	1000 p/box

STAPLES - HEAVY DUTY

- Professional quality, staples supplied in convenient quantities
- Packaging clearly indicates size and quantity

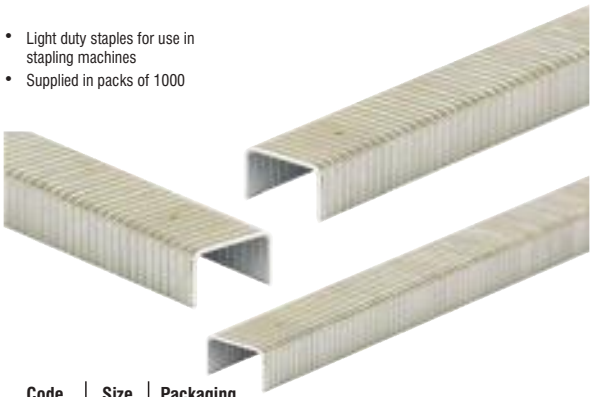


Code	Size	Packaging
RIC3915	6.4mm	1000 p/box
RIC3920	8mm	1000 p/box
RIC3925	10mm	1000 p/box

Code	Size	Packaging
RIC3930	12mm	1000 p/box
RIC3935	14mm	1000 p/box

STANLEY® STAPLES - LIGHT DUTY

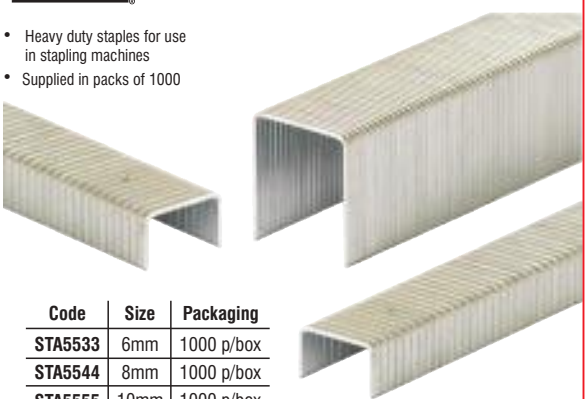
- Light duty staples for use in stapling machines
- Supplied in packs of 1000



Code	Size	Packaging
STA5530	6mm	1000 p/box
STA5540	8mm	1000 p/box
STA5550	10mm	1000 p/box

STANLEY® STAPLES - HEAVY DUTY

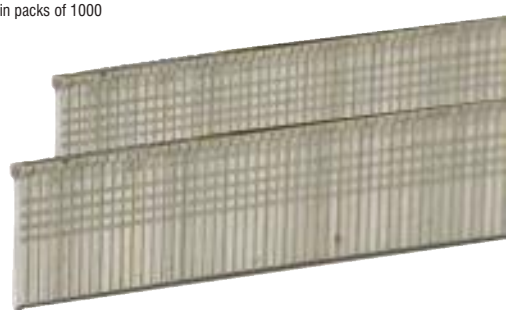
- Heavy duty staples for use in stapling machines
- Supplied in packs of 1000



Code	Size	Packaging
STA5533	6mm	1000 p/box
STA5544	8mm	1000 p/box
STA5555	10mm	1000 p/box
STA5525	12mm	1000 p/box
STA5565	13mm	1000 p/box
STA5573	14mm	1000 p/box

STANLEY® BRAD NAILS - HEAVY DUTY SWKBN050S

- Heavy duty brad nails for use in stapling machines
- Supplied in packs of 1000



Code	Size	Packaging
STA5515	12mm	1000 p/box



MINI GLUE GUN

- Ideal for bonding cables, decorations, cardboard, artificial flowers etc
- Glue sticks included



Part No.	Type	Rating
MTS2426	Mini	20W

HOBBYIST GLUE GUN

- Ideal for bonding cables, decorations, cardboard, artificial flowers etc
- Glue sticks included



Part No.	Type	Rating
MTS2427	Hobby	55W

PROFESSIONAL GLUE GUN

- Ideal for bonding cables, decorations, cardboard, artificial flowers etc
- Glue sticks included



Part No.	Type	Rating
MTS2428	Professional	80W

MINI GLUE GUN

- GS and CE approved
- Trigger feed controls glue flow
- Quality construction with reliable solid state PTC heating system
- High impact resistant housing
- Ideal for gluing, sealing, jointing etc



Code	Size
RIC1445	15W

TRIGGER GLUE GUN

- GS and CE approved
- Trigger feed controls glue flow
- Quality construction with reliable solid state PTC heating system
- High impact resistant housing
- Front stand keeps gun upright when not in use
- Ideal for gluing, sealing, jointing etc



Code	Size
RIC1450	40W

GLUE GUN – HEAVY DUTY - 69-665

- Advance solid state PTC heating element to control glue temperature
- Trigger feed mechanism regulates glue flow
- Feeding system to prevent glue from backing up
- Wire stand allows gun to be placed on work surface
- SABS approved
- Includes 3 glue sticks



Code	Size
STA2920	40W

GLUE GUN - PROFESSIONAL - GR100

- Patented auto shut off for safety and extended tool life
- Dual heater
- Consistent flow and 40% more glue output
- Hi/Low temperature switch
- Covered nozzle for burn prevention
- Convenient fold down stand
- Spreader tip to lay a wide glue line
- Extender tip for hard to reach places
- Includes 18 glue sticks
- SABS approved



Code	Size
STA2918	80W

CAULKING GUN

- Lightweight standard duty caulking gun for DIY use
- Epoxy powder coated pressed steel with chromium plated iron



Code	Size
HON0970	310ml

CAULKING GUN

- A heavy duty caulking gun for everyday use
- Die-cast aluminium handles with hot dip galvanised mechanism and ram
- Epoxy powder coated



Code	Size
HON0971	310ml

ALUMINIUM CAULKING GUN

- A lightweight, professional caulking gun with exceptional features
- Aluminium construction with hot dip galvanised mechanism and ram
- Totally enclosed cartridge chamber



Code	Size
MTS2135	310ml

CHROME CAULKING GUN

- A superior quality caulking gun with chrome cradle
- Built-in cartridge opener and nozzle cleaner
- Positive ratchet mechanism



Code	Size
MTS2140	310ml



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

PAINT BRUSH - D.I.Y.

- A DIY range of brushes manufactured from pure bristle, set in a rust resistant ferrule and fitted with a painted wooden handle

Code	Size
HON6000	12mm
HON6002	19mm
HON6004	25mm
HON6006	38mm
HON6008	50mm
HON6009	64mm
HON6010	75mm
HON6012	100mm
HON6013	125mm
HON6014	150mm



PAINT BRUSH - SEMI PROFESSIONAL

- A semi-professional, quality range of brushes manufactured from pure bristle, set in a rust resistant ferrule and fitted with a painted wooden handle

Code	Size
HON6030	12mm
HON6032	19mm
HON6034	25mm
HON6036	38mm
HON6038	50mm
HON6039	64mm
HON6040	75mm
HON6042	100mm
HON6043	125mm
HON6044	150mm



PAINT BRUSH - D.I.Y.

- A professional range of top quality brushes with superior paint holding and application qualities
- Manufactured from thick, pure bristle, set in a rust resistant ferrule and fitted with a painted wooden handle

Code	Size
HON6050	25mm
HON6052	38mm
HON6054	50mm
HON6056	75mm
HON6058	100mm



PAINT BRUSH SET

- A DIY set of 3 brushes manufactured from pure bristle, set in a rust resistant ferrule and fitted with a painted wooden handle

Code	Size
HON6018	13/25/50mm



PAINT BRUSH SET

- A DIY set of 3 brushes manufactured from pure bristle, set in a rust resistant ferrule and fitted with a painted wooden handle

Code	Size
HON6020	25/50/75mm



SYNTHETIC PAINT ROLLER SET

- High quality synthetic paint roller
- Supplied with plastic tray

Code	Size
UNS0095	230mm



PAINT MIXERS

- These sturdy, well balanced heavy duty mixers for mixing and stirring paint
- Also for tile cement, insulating compound, fillers and plaster, mortar and other material
- **NB! Not for use with lacquer or flammable liquids**

Code	Size
GRO2890	60mm
GRO2895	80mm



PAINT SCRAPER - RUBBER HANDLE

- A selection of popular decorators scrapers supplied with mirror polished blades
- Comfortable rubber handle is securely fitted to the blade

Code	Size
MTS4180	30mm
MTS4182	40mm
MTS4184	50mm
MTS4186	70mm
MTS4188	90mm
MTS4190	100mm
MTS4192	125mm



PAINT SCRAPER - WOODEN HANDLE

- A selection of popular decorators scrapers supplied with mirror polished blades
- Comfortable rubber handle is securely fitted to the blade



Code	Size
MTS4200	30mm
MTS4210	40mm
MTS4220	50mm
MTS4230	75mm
MTS4240	90mm
MTS4250	100mm
MTS4260	125mm

PAINT SCRAPER - WOODEN HANDLE 3 PCE SET

- A selection of the 3 most popular decorators scrapers supplied with mirror polished blades
- Sizes: 30, 50 and 75mm
- Traditional wooden handle is securely fitted to the blade



Code	Size
MTS4265	30/50/75mm

PAINT SCRAPER - WOODEN HANDLE BEVELED EDGE

- A popular decorators scraper supplied with mirror polished blades
- Traditional wooden handle is securely fitted to the blade



Code	Size
MTS4160	75mm

FLEXIBLE SCRAPER

- Scrape paint and varnish off walls and furniture
- Flexible bright steel blade
- Plastic handle riveted to blade



Code	Size
VIC3300	75mm
VIC3310	100mm

STRIPPING/KNIFE SCRAPER

- Scrape paint and varnish off walls and furniture
- Stiff bright steel blade
- Wooden handle riveted to blade



Code	Size
VIC3330	75mm

PUTTY KNIFE/SCRAPER

- Flexible steel blade
- Plastic handle -rivetted



Code	Size
VIC3250	32mm

PUTTY SCRAPER - LINO TANGED

- A 25mm blade for stripping wallpaper, paint or applying putty
- Mirror polished blade
- Plastic handle



Code	Size
MTS4270	25mm

SCRAPER SET - 4 PCE

- For filling small gaps, cracks and holes
- Rust proof, tempered spring steel with acid resistant plastic grip
- 4 sizes: 40, 80, 100 and 120mm



Code	Size
MTS4275	4pce

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SHAVEHOOK - HEART

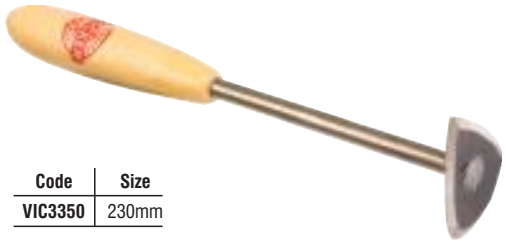
- The three cutting surfaces are shaped to aid the removal of paint from contoured surfaces
- The blade is securely fastened to the shaft and both are chromium plated
- Rigid plastic handle is bonded to the shaft in manufacture



Code	Size
MTS4597	175mm

SHAVEHOOK - HEART

- Heart shaped blade on a steel shaft
- All edges are very sharp
- Use on very small curved shapes
- For scraping of paint and varnish
- Use for very delicate work
- Wooden handle - varnished



Code	Size
VIC3350	230mm

SHAVEHOOK - TRIANGLE

- The equilateral triangle shavehook is ideal for removing paint from flat surfaces
- The blade is securely fastened to the shaft and both are chromium plated
- Rigid plastic handle is bonded to the shaft in manufacture



Code	Size
MTS4598	175mm

SHAVEHOOK - TRIANGLE

- Triangular shaped blade on a steel shaft
- All edges are very sharp
- Use on very small straight or V shaped surfaces
- Sharp vee points get into tight corners
- For scraping of paint and varnish
- Use for very delicate work
- Wooden handle --varnished



Code	Size
VIC3360	230mm

WINDOW SCRAPER

- A plastic window scraper fitted with scraper blade and protective blade cover



Code	Size
MTS4280	140mm

WINDOW SCRAPER

- Safety plastic window scraper with blade
- Uses standard trimming knife blade
- Plastic handle
- Spare blades available



Code	Size
STA3945	175mm

RAZOR SCRAPER - RETRACTABLE

- A plastic window scraper with retractable blade for safety
- Razor sharp blades are replaceable
- 5 additional blades included
- Spare blades available MTS4279



Code	Size
MTS4278	100mm

CABINET SCRAPER

- Used by cabinet makers for fine finishing of flat wooden surfaces
- Specially hardened thin steel plate
- Edges are very sharp and formed into very small hook shape
- Generally used with both hands with a pulling motion



Code	Size
VIC3290	115x70mm

GAUGING TROWEL

- Made of top quality steel with a comfortable wooden handle with steel ferrule
- Rounded tip to blade



Code	Size
MTS6350	150mm
MTS6352	175mm
MTS6354	200mm

GAUGING TROWEL - 36

- Has a rounded tip and normal V shape behind the tip
- Used to transfer small quantities of plaster or adhesive onto the wall
- Ideal for mixing plaster and adhesive in a container
- Used mainly by tilers and plumbers
- Round tip prevents digging in



Code	Size
VIC3730	150mm
VIC3740	175mm
VIC3750	200mm

GAUGING TROWEL - 153 DIY

- Has a rounded tip and normal V shape behind the tip
- Used to transfer small quantities of plaster or adhesive onto the wall
- Ideal for mixing plaster and adhesive in a container
- Used mainly by tilers and plumbers
- Round tip prevents digging in



Code	Size
VIC3720	150mm

BRICK TROWEL - ABS HANDLE

- The blade and tang are welded to form a solid, well constructed trowel
- Taper ground blade offers flexibility and overall balance
- Comfortable plastic handle



Code	Size
MTS6180	280mm
MTS6182	300mm

BRICK TROWEL - INGWE 1533A

- Bricklayer's trowel
- High quality steel blade
- Wooden handle varnished
- DIY Medium duty
- New York pattern
- Broad steel
- Plastic handle (PVC)



Code	Size
VIC3460	280mm
VIC3470	300mm

BRICK TROWEL - INGWE 1632A

- Bricklayer's trowel
- High quality steel blade
- Wooden handle varnished
- DIY Medium duty
- London pattern
- Broad steel
- Plastic handle (PVC)



Code	Size
VIC3475	280mm

BRICK TROWEL - ROSA - 33A

- Bricklayer's trowel
- High quality steel blade
- 33A - Plastic handle
- 33B - Plastic handle



Code	Size
VIC3540	33A 280mm
VIC3550	33A 300mm

BRICK TROWEL - ROSA - 33B

- Bricklayer's trowel
- High quality steel blade
- 33A - Plastic handle
- 33B - Leather handle



Code	Size
VIC3560	33B 280mm

BRICK TROWEL - RUBBER HANDLE

- The blade and tang are welded to form a solid, well constructed trowel
- Taper ground blade offers flexibility and overall balance
- Superior rubber handle for comfort in prolonged use



Code	Size
MTS6190	250mm
MTS6192	280mm
MTS6194	300mm

BRICK TROWEL - WOODEN HANDLE

- The blade and tang are welded to form a solid, well constructed trowel
- Taper ground blade offers flexibility and overall balance
- Traditional wooden handle



Code	Size
MTS6200	250mm
MTS6220	280mm
MTS6240	300mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

BRICK TROWEL - WOODEN HANDLE - 32

- Bricklayer's trowel
- Through tang and capped
- High quality steel blade
- London Pattern



Code	Size
VIC3490	250mm
VIC3500	280mm
VIC3510	300mm

BRICK TROWEL - WOODEN HANDLE - 151

- Bricklayer's trowel
- High quality steel blade
- Wooden handle varnished
- Medium duty DIY
- London Pattern



Code	Size
VIC3450	280mm

BRICK TROWEL - ROSA PATTERN - 33

- Bricklayer's trowel
- High quality steel blade
- Wooden handle



Code	Size
VIC3520	280mm
VIC3530	300mm

POINTING TROWEL

- A conventional pointing trowel with wooden handle



Code	Size
MTS6300	125mm
MTS6302	150mm
MTS6304	175mm
MTS6306	200mm

POINTING TROWEL - 37

- A smaller version of the normal brick trowel
- Use to separate concrete from moulds
- Small repair jobs
- Spreads material in tight spots
- Wooden handle - varnished



Code	Size
VIC5080	150mm
VIC5090	175mm
VIC6000	200mm

POINTING TROWEL - INGWE - 152 DIY

- A smaller version of the normal brick trowel
- Use to separate concrete from moulds
- Small repair jobs
- Spreads material in tight spots
- Wooden handle - varnished



Code	Size
VIC6010	150mm

TILER'S TROWEL - 35

- Used by professional tilers
- A short, very wide trowel
- Large round nose
- Can carry lots of tiling cement



Code	Size
VIC6100	150mm

SMALL TOOL TROWEL - 1563

- Has small flat blade on one end and pointed blade on the other end
- One of the best tools for pointing brick and stone work
- For patching , plastering and cleaning
- Use in hard to get to areas



Code	Size
VIC6080	20mm

CORNER TROWEL - INSIDE

- Designed for forming perfect cove or sharp variation after plastering
- Inner corner trowels are available in cove and sharp variations
- Light and easy to handle with comfortable wooden handles





Code	Size
MTS6245	75mm **Cove**
MTS6246	150mm **Cove**
MTS6248	75mm **Sharp**
MTS6249	150mm **Sharp**

CORNER TROWEL - OUTSIDE

- Designed for forming perfect cove or sharp variations after plastering
- Outer corner trowels are available in cove and sharp variations
- Light and easy to handle with comfortable wooden handles





Code	Size
MTS6251	75mm **Cove**
MTS6252	150mm **Cove**
MTS6254	75mm **Sharp**
MTS6255	150mm **Sharp**

CORNER TROWEL - INSIDE

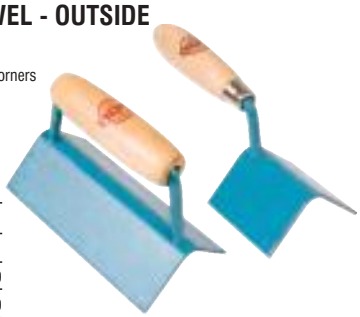
- Produces small radius smooth inside corners
- Wooden handle - varnished
- Bright steel blade
- Used by plasterers



Code	Ref	Size
VIC3580	43	75mm **Cove**
VIC3590	44	150mm **Cove**
VIC3600	41	75mm **Sharp**
VIC3610	42	150mm **Sharp**

CORNER TROWEL - OUTSIDE

- Produces small radius smooth outside corners
- Wooden handle - varnished
- Bright steel blade
- Used by plasterers



Code	Ref	Size
VIC3630	43A	75mm **Cove**
VIC3640	44A	150mm **Cove**
VIC3650	41A	75mm **Sharp**
VIC3660	42A	150mm **Sharp**

NOSING TROWEL - 45

- Used for front edge of steps to form rounded corner
- Can also be used on kerbing, concrete columns
- Wooden handle -varnished



Code	Size
VIC4020	150x75mm
VIC4030	150x115mm

NOSING TROWEL - INGWE - 153

- Used for front edge of steps
- Can also be used as a small corner trowel
- Plastic handle



Code	Size
VIC4015	150x75mm

SKIRTING TROWEL - 46

- Form skirting at joint of wall and floor
- Plaster is trowelled onto the wall and the skirting trowel is used to form concrete skirting
- Form nosing on concrete steps



Code	Size
VIC6060	230x75mm
VIC6070	230x100mm

GRANO JOINTER - SINGLE GROOVE

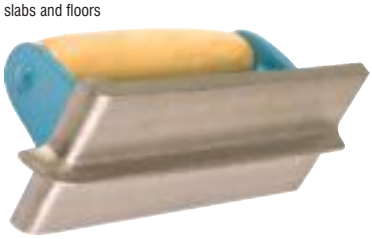
- Designed for finishing off between concrete floor slabs
- Manufactured from cast steel
- Wooden handle



Code
MTS3538

GRANO JOINTER - SINGLE GROOVE -53

- For detailing joints in concrete slabs and floors
- Cast steel - painted
- Wooden handle - varnished



Code
VIC3220

GRANO JOINTER - 6 GROOVE

- Designed for finishing off between concrete floor slabs and stair treads
- Manufactured from cast steel
- Wooden handle



Code
MTS3539

GRANO JOINTER - 6 GROOVE - 55

- Used to groove steps for anti-slip
- Cast steel - painted
- Wooden handle - varnished



Code
VIC3230

GRANO JOINTER - ADJUSTABLE - 54

- Used for detailing joints in concrete slabs and floors
- Adjustable for depth
- Cast construction
- Painted finish with wooden handle



Code
VIC3070

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

BRICK JOINTER WITH WHEELS

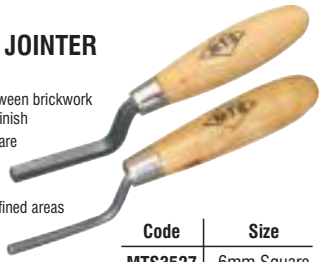
- Adjustable brick jointer
- Hardened steel scraper



Code
DYN1000

CROSS BRICK JOINTER

- Used for finishing the cement joints between brickwork joints to ensure a good and consistent finish
- Solid steel construction in round or square configurations
- Comfortable wooden handle
- Used between vertical joints and in confined areas

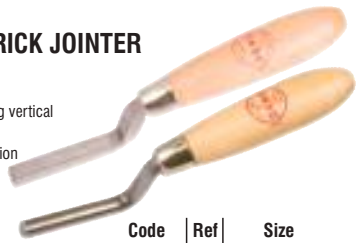


Code	Size
MTS3523	6mm Round
MTS3524	8mm Round
MTS3525	9.5mm Round

Code	Size
MTS3527	6mm Square
MTS3528	8mm Square
MTS3529	9.5mm Square

CROSS BRICK JOINTER

- For use for cleaning and detailing vertical joints in brick work
- Round or square steel construction
- Wooden handle - varnished

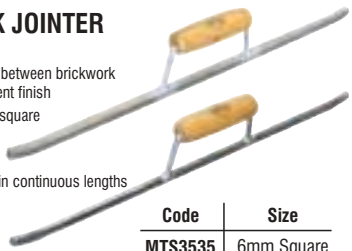


Code	Ref	Size
VIC3090	50	6mm Round
VIC3095	50	8mm Round
VIC3100	50	9.5mm Round

Code	Ref	Size
VIC3120	49	6mm Square
VIC3125	49	8mm Square
VIC3130	49	9.5mm Square

LONG BRICK JOINTER

- Used for finishing the cement joints between brickwork joints to ensure a good and consistent finish
- Solid steel construction in round or square configurations
- Comfortable wooden handle
- Used between horizontal joints and in continuous lengths

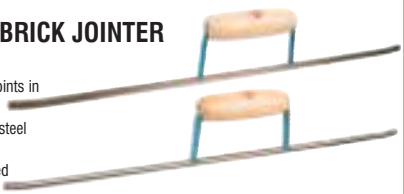


Code	Size
MTS3531	6mm Round
MTS3532	8mm Round
MTS3533	9.5mm Round

Code	Size
MTS3535	6mm Square
MTS3536	8mm Square
MTS3537	9.5mm Square

LONG BRICK JOINTER

- Cleans up the horizontal joints in brickwork
- Polished round or square steel rod body
- Wooden handle - varnished



Code	Ref	Size
VIC3150	51	6mm Round
VIC3155	51	8mm Round
VIC3160	51	9.5mm Round

Code	Ref	Size
VIC3180	52	6mm Square
VIC3185	52	8mm Square
VIC3190	52	9.5mm Square

MASTIC TROWEL - 38

- A small narrow trowel
- Used in tight spaces to spread and level plaster and adhesive
- Wooden handle - varnished
- Semi-flexible blade



Code	Size
VIC3780	150x12mm

PLASTER TROWEL - PLASTIC HANDLE

- Plastic mounting is securely fastened to the blade
- The flexible blade is tempered, ground and polished
- Comfortable plastic handle



Code	Size
MTS6260	280mm

PLASTER TROWEL - 4200244

- For plastering walls and columns
- Bright steel blade
- DIY quality
- Blue plastic handle



Code	Size
VIC5040	280x120mm

PLASTER TROWEL - 244 DIY

- For plastering walls and columns
- Bright steel blade
- 6 rivets
- Plastic handle and tang



Code	Size
VIC5030	290x120mm

PLASTER TROWEL - 724

- For plastering walls and columns
- Plastic blade
- DIY quality
- Plastic handle and blade



Code	Size
VIC5045	290x115mm

PLASTER TROWEL - RUBBER HANDLE

- Aluminium alloy mounting, as strong as steel but very light
- The flexible blade is tempered, ground and polished
- Superior rubber handle for comfort in prolonged use



Code	Size
MTS6265	280mm

PLASTER TROWEL - WOODEN HANDLE

- Aluminium alloy mounting, as strong as steel but very light
- The flexible blade is tempered, ground and polished
- Traditional wooden handle



Code	Size
MTS6280	280mm

PLASTER TROWEL - 23

- For plastering walls and columns
- Bright steel blade
- DIY quality
- Wooden handle - varnished
- Flexible blade



Code	Size
VIC4090	250x120mm
VIC5000	292x120mm

PLASTER TROWEL - 224

- Imported banana shaped fine grained wood handle affixed by a brass nut
- High carbon hardened and tempered steel blade
- 10 butt-welded rivets
- The blade is cross ground so that the trowel does not have to be worked in
- Aluminium tang for strength and lightness



Code	Size
VIC5020	290x120mm

POOL TROWEL - RUBBER HANDLE

- Rounded end profile specially designed for pool plastering
- Aluminium alloy mounting, as strong as steel but very light
- The flexible blade is tempered, ground and polished
- Superior rubber handle for comfort in prolonged use



Code	Size
MTS6330	355mm

POOL TROWEL - 226

- Has rounded edges, will not leave marks
- Flexible blade
- For smoothing swimming pool surfaces
- Use for Marbelite, plaster
- Wooden handle



Code	Size
VIC6020	290x120mm

FLOORING TROWEL

- Extra long profile for rapid and level floor plastering
- Aluminium alloy mounting, as strong as steel but very light
- The flexible blade is tempered, ground and polished
- Traditional wooden handle



Code	Size
MTS6256	355x110mm

FLOORING TROWEL - 27

- For smoothing "finishing off" concrete floors and slabs
- Bright steel blade



Code	Size
VIC3680	355x120mm

FLOORING TROWEL - 27A

- For smoothing "finishing off" concrete floors and slabs
- Bright steel blade
- Has sharp point, gets into tight spaces
- Extra strong aluminium tang



Code	Size
VIC3690	355x120mm
VIC3700	405x120mm

PLASTER TROWEL - NOTCHED

- Plastic mounting is securely fastened to the blade
- The flexible blade is tempered, ground and polished
- Comfortable plastic handle



Code	Size
MTS6257	280x6mm
MTS6259	280x8mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

PLASTER TROWEL - NOTCHED

- Aluminium alloy mounting, as strong as steel but very light
- The flexible blade is tempered, ground and polished
- Superior rubber handle for comfort in prolonged use



Code	Size
MTS6258	280x6mm

SERRATED TROWEL - FINE - 25A

- Similar in shape to a plastering trowel
- Serrated on all edges for spreading adhesive evenly
- Front edge offset to get into corners



Code	Size
VIC6050	280x120mm

SERRATED TROWEL - 24A

- Similar in shape to a plastering trowel
- Serrated on all edges for spreading adhesive evenly
- Front edge offset to get into corners



Code	Size	Notch
VIC6030	280x120mm	Fine
VIC6040	280x120mm	Coarse

NOTCHED TROWEL - 22477

- Spreads floor, tile, carpet adhesive evenly and regularly
- Spreads in parallel lines and avoids wastage
- Use fine notches for thin Vinyl tiles and larger notches for carpets and f carpet tiles
- Wooden handle - varnished



Code	Size	Notch
VIC4050	280x120mm	6mm

PLASTIC FLOAT

- A one-piece polyurethane moulded float
- The non-absorbent face is used for scrubbing plaster, cement or other building material



Code	Size
MTS2700	270x125x5mm

PLASTIC FLOAT

- A one-piece polyurethane moulded float
- The non-absorbent face is used for scrubbing plaster, cement or other building material
- Lightweight and comfortable



Code	Size
UNS1450	280x115x12mm

WOODEN FLOAT

- Used for floating cement plaster / floors -walls



Code	Size
UNS1500	300mm

RHINOLITE TROWEL

- A 10mm thick black neoprene pad bonded to a sturdy PVC handle
- Designed for the smooth finishing of rhinolite



Code	Size
MTS6370	280x140x10mm

RUBBER BASE TROWEL - 724R

- Similar in shape to a plastering trowel
- Has a rubber base
- Used mainly for dry wall plaster
- Will not leave marks



Code	Size
VIC6025	280x120mm

ALUMINIUM PLASTER HAWK

- This lightweight aluminium hawk is robust and versatile
- Comfortable plastic handle is securely attached to the carrying face



Code	Size
MTS3420	280mm

PLASTIC PLASTER HAWK

- This lightweight plastic hawk is robust and versatile
- The one piece injection moulding is rigid and hard wearing



Code	Size
UNS5300	280mm

ALUMINIUM PLASTER HAWK - 1621

- Used to hold small amounts of plaster
- Plasterer uses a plastering trowel to transfer plaster from hawk to wall
- Aluminium plate, with plastic handle
- Medium duty for professional use



Code	Size
VIC3030	300x300mm

ALUMINIUM PLASTER HAWK - 21

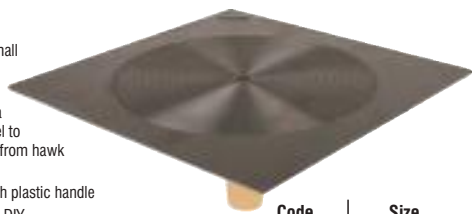
- Used to hold small amounts of plaster
- Plasterer uses a plastering trowel to transfer plaster from hawk to wall
- Aluminium plate heavy duty, with wooden screw in handle
- For professional use



Code	Size
VIC3040	300x300mm

PLASTIC PLASTER HAWK - INGWE - P21

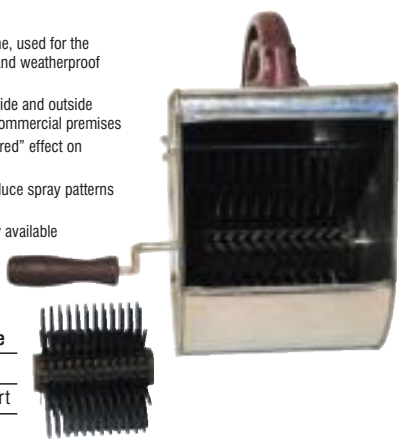
- Used to hold small amounts of plaster
- Plasterer uses a plastering trowel to transfer plaster from hawk to wall
- Plastic plate with plastic handle
- Light duty use - DIY



Code	Size
VIC3055	300x300mm

TYROLEAN MACHINE

- A hand operated machine, used for the application of Tyrolean and weatherproof wall coatings
- Ideal for use on both inside and outside walls in the home and commercial premises
- Used to create a "spattered" effect on plastered walls
- Has special insert to reduce spray patterns for small areas
- Spare inserts are readily available



Code	Size
HON9040	-
HON9042	Insert

ROAD STAMPERS

- Solid steel handle
- Available in square or round
- Heavy base
- Use for ramming and compacting loose soil



Code	Profile	Size
DYN1140	Round	10kg
DYN1160	Square	10kg

LINE PIN - 2 PIECE

- Galvanised steel pins
- 6 metre nylon line



Code	Size
MTS3584	150mm

LINE PIN

- Large headed Line Pins are made from forged steel and are bright zinc plated
- Used in conjunction with builder's line for marking out positions or aligning courses of brickwork



Code
VIC3260

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

FISH LINE

- Nylon monofilament builders fish line
- Supplied in 100m rolls
- Sold per 6



Code	Size	Breaking Strain
RIC1310	.35mm	5.45kg
RIC1312	.45mm	9.08kg
RIC1314	.70mm	22.7kg
RIC1316	.80mm	27.3kg
RIC1318	.85mm	31.8kg
RIC1320	.90mm	36.4kg
RIC1322	1.0mm	40.9kg

CONCRETE WHEELBARROW

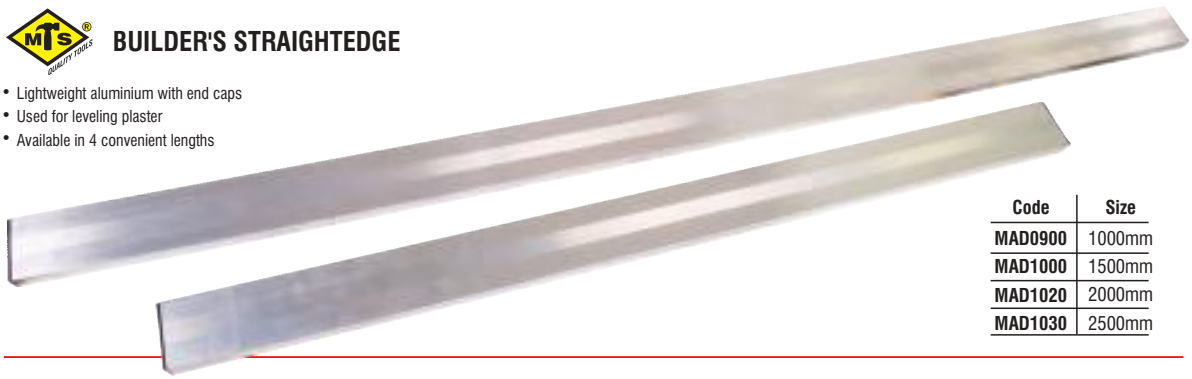
- Easy to transport
- Solid rubber wheel
- Cushion grip handles
- Strong and lightweight



Code
HON9098

BUILDER'S STRAIGHTEDGE

- Lightweight aluminium with end caps
- Used for leveling plaster
- Available in 4 convenient lengths



Code	Size
MAD0900	1000mm
MAD1000	1500mm
MAD1020	2000mm
MAD1030	2500mm



GAS BLOW TORCH - TYPHOON LOOP - PORTABLE - NORMAL STRIKE

- Portable gas operated blow torch
- Use only with a 190gm butane gas cartridge (C202) with direct pressure
- Use only in well ventilated areas
- Use strictly in accordance with manufacturers usage conditions
- Heat range 1300Watts / 1850ºC



Code
RIC1362

GAS BLOW TORCH - TYPHOON LOOP - PORTABLE - PIEZO SELF IGNITING

- Portable gas operated blow torch
- Use only with a 190gm butane gas cartridge (C202) with direct pressure
- Use only in well ventilated areas
- Use strictly in accordance with manufacturers usage conditions
- Heat range 1300Watts / 1850ºC



Code
RIC1364

GAS BLOW TORCH - HURRICANE 100 - PORTABLE - PIEZO SELF IGNITING

- Portable gas operated blow torch
- Anti-flare
- Used in any position
- Use only with a 190gm butane gas cartridge (C202) with direct pressure
- Use only in well ventilated areas
- Use strictly in accordance with manufacturers usage conditions
- Heat range 1300Watts / 1350ºC



Code
RIC1366

SELF IGNITING BLOWTORCH

- Gas fuelled L/D blow torch
- Uses 190 gm piercable butane gas cartridges. (Recommended butane 190G/48300)
- Very handy for small works
- Operating temperature +/- 850˚C



Code
OXY0200

STANDARD BLOWTORCH

- Gas fuelled L/D blow torch
- Uses 190 gm piercable butane gas cartridges. (Recommended butane 190G/48300)
- Very handy for small works
- Operating temperature +/- 850˚C



Code
OXY0210

GAS BLOW TORCH KIT

- Portable gas operated blow torch with 1mtr hose and 4 burners
- Use only with a 190gm butane gas cartridge (C202) with direct pressure
- Use only in well ventilated areas
- Use strictly in accordance with manufacturers usage conditions
- Heat range 1300Watts / 1850ºC



Code
RIC1368

FLEX HOSE BLOWTORCH

- Gas fuelled L/D blow torch
- Uses 190gm piercable butane gas cartridges (Recommended butane 190G/48300)
- Very handy for small works
- Operating temperature +/- 850˚C



Code
OXY0220

GAS REFILL - BUTANE/ PROPANE & ANTI FLARE

- Gas refill canister with a 7/16" screw fitting
- Suitable for RIC1380 Cyclone Point Blowtorch



Code	Size
RIC1383	400ml

SPARE BUTANE CARTRIDGE

- Butane
- Piercable
- Use with all models
- Do not dispose of empty cartridge in any form of fire



Code
OXY0330

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

MINI TUBE CUTTER, 3-16mm

- Designed for use in tight quarters where other cutters won't fit
- Accurate cutting of copper, brass and aluminium tubing
- Compact body and sliding block
- Grooved rollers for close-to-flare cuts
- Large knurled feed screw knob with chemical black finish
- Body is baked enamel blue finish
- Spare cutter wheel is available - please quote code RIC1025



Code	Size
RIC1010	3-16mm

MINI TUBE CUTTER - THPC125

- Compact and accurate cutters have steel wheels & rollers mounted in precision die-cast bodies
- Strong and lightweight they are designed to cut copper, brass aluminium & thin wall steel
- This cutter is ideal for tight corners and confined spaces



Code	Size
REC5550	3-25mm

MIDGET TUBE CUTTERS

- Designed for use in restricted spaces on small diameter, hard and soft copper, aluminium, brass thin walled steel and plastic tubing
- Strong, lightweight slide and wheel housing
- Large knurled feed screw knob gives easy control on cutting pressure for clean cuts
- Compact and accurate cutters have steel wheels and rollers mounted in precision bodies
- Spare cutter wheel included
- Uses standard wheel RID33185



Code	Ref	Size
RID32975	103	3-16mm
RID32985	104	5-24mm

TUBE CUTTER

- Cut tubes from 3 - 28mm
- Suitable for all common, small gauge copper, steel & aluminium pipes
- Flip out de-burring blade for quick and easy pipe end cleaning



Code	Size
HON0843	3-28mm

TUBE CUTTERS

- Clean square cut is easily made on copper, brass aluminium, and thin walled conduit
- Feature a convenient fold away reamer
- Screw feed cutter
- Uses standard wheel RID33160



Code	Ref	Size
RID32915	10	3-25mm
RID93382	15	5-28mm

TUBE CUTTER

- An inexpensive tube cutter for the handyman or DIYer
- For cutting copper, brass and aluminium tubing
- Die cast body with hardened steel blades and two flare groove rollers
- The adjustable knob also incorporates a retractable reamer for cleaning burrs on cut ends
- Spare cutter wheel is available - please quote code RIC1025



Code	Size
RIC1020	3-29mm

TUBE CUTTERS - 200-30C

- For cutting copper, brass, aluminium and thin walled steel
- Spare cutter wheel is located in the handle
- Has steel de-bur that folds into the body when not in use



Code	Size
REC5555	3-30mm

TUBE CUTTER - 93-020

- Cuts copper, brass, aluminium tubing
- Thin wall conduit
- Heavy duty rollers
- Deburring attachment
- Extra cutting wheel in handle



Code	Size
STA2780	3-30mm

TUBE CUTTER - 153

- For use on Copper, Brass, light alloy, PVC and thin wall steel tubes
- Has deburring tool (3 cutting edges) inside handle
- Forged
- Chrome plated



Code	Capacity
STW60010000	3-35mm

TUBE CUTTERS – INOX PRO

- Heavy duty telescopic action high precision tube cutting
- Zinc Die-Cast Body and stainless steel rolls
- Cuts 3-35mm (1/8" - 1-3/8") Inox Steel cleanly and easily
- De-burr pipes with the replaceable machinist´s reamer
- Ergonomic grip with Inox cutting wheel fixed in the handle-knob



Code	Size
REC5565	3-35mm

TUBE CUTTER QUICK ACTION - 150L

- Enclosed feed screw to eliminate clogging and jamming
- Grooved rollers for close-to-flare cuts
- Cuts copper, brass and alimimium tubing and thin walled conduit
- Fold away reamer
- Made from high-strength aluminium alloy
- Spare cutter wheel (RID33185) in handle



Code	Size
RID66737	6-35mm

TUBE CUTTER - QUICK ACTION - 151

- Quick–acting design
- I-beam construction
- Hardened wear surfaces
- Thrust bearing slide assemblies for smooth operation
- Fold away reamer



Code	Size
RID31632	6-42mm

TUBE CUTTER – COMPACT PRO THPC145

- Heavy duty, high- precision tube cutter with telescopic action
- Easy and quick to operate due to special arbour and ergonomic knob
- Won´t walk during cutting thanks to its four-roller tracking system
- Oversized handle for quick and smooth operation and convenient wheel storage
- Includes a reamer and 1 additional universal cutting wheel (19 x 5mm) fixed inside the handle



Code	Size
REC5730	3-45mm

TUBE CUTTER – STANDARD T200-45

- Compact and accurate cutter has steel wheels and rollers mounted in precision die-cast body
- Strong and lightweight, designed primarily to cut copper, brass, aluminium or thin walled steel
- Exceptional thin, fast cutting wheel and 2 rollers to ensure the cutting wheel is held squarely on the tube resulting in a square cut



Code	Size
REC5725	15-45mm

TUBE CUTTER

- Expert quality, spring loaded cutter wheel feeding system allows for slide action adjustment and quick release
- Heavy duty aluminium body with fold away reamer and slide bar with stop to protect cutting wheels
- Hardened, thin section cutting wheel and extra long grooved rollers for close-to-flare cuts every time
- Clean accurate cutting of copper, brass or aluminium tubing and thin-wall steel conduit
- Contoured easy grip knob is manufactured from die cast aluminium alloy and stores spare blade
- Spare cutter wheel is available - please quote code RIC1030



Code	Size
RIC1022	6-50mm

TUBE CUTTER - QUICK ACTION - 152

- Quick–acting design
- I-beam construction
- Hardened wear surfaces
- Thrust bearing slide assemblies for smooth operation
- Fold away reamer



Code	Size
RID31642	6-66mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

RIDGID PIPE CUTTER - HEAVY DUTY 1-A

- Fast clean pipe cutting by hand or power
- Extra long shank protects adjustment threads
- Extra large handle is provided for quick, easy adjustment



Code	Size
RID32810	3-32mm

RIDGID PIPE CUTTER - HEAVY DUTY - 2-A

- Fast clean pipe cutting by hand or power
- Extra long shank protects adjustment threads
- Extra large handle is provided for quick, easy adjustment



Code	Size
RID32820	3-50mm

IRWIN Record PIPE CUTTER - 202 ROLLER PATTERN

- This tool, designed to cut steel pipe
- One fast cutting wheel and two wide rollers
- These rollers keep the cutter squarely on track and also smooth down the burr leaving a smooth clean cut ready for jointing or threading



Code	Size
REC5455	10-60mm

RACO PIPE CUTTER

- Professional quality, lightweight but heavy duty cutter for copper, brass and aluminium tubing and all non-ferrous pipes
- Compact aluminium alloy body and adjusting handle
- Comfortable handle with fine pitch threads assures easy cuts with the minimum of effort
- Flare groove rollers and hardened steel cutting wheel, factory tested to ensure perfect tracking
- Fold-away reamer is easily stowed when not in use
- Spare cutter wheel is available - please quote code RIC1003



Code	Size
RIC1005	16-54mm

RIDGID PIPE CUTTER HEAVY DUTY - 4-S

- Fast clean pipe cutting by hand or power
- Extra long shank protects adjustment threads
- Extra large handle is provided for quick, easy adjustment



Code	Size
RID32840	50-100mm

RACO CUTTER PVC

- Expert quality, 4 position, ratchet type shear for fast clean cutting of plastic pipes and other pipes of synthetic resins up to 42mm diameter
- Compact aluminium body with high carbon steel blade, correctly hardened and tempered
- Accurately ground cutting edge for smother cutting and longer life
- Ratchet jaws hold pipe in cutting position without slipping



Code	Size
RIC1000	42mm

RIDGID PIPE & TUBE CUTTER SPARE WHEELS

- Replacement tube cutting wheels

For steel pipe and ductile iron



Code	Size
RID44185	E1032
RID44190	E1032S
RID33125	F229
RID33105	F3
RID33145	F367
RID33150	F367S
RID33100	F514
RID33120	F515

For stainless steel

Code	Size
RID33165	E1240
RID33190	E4546
RID33160	F158

STAHLWILLE PIPE CUTTER SPARE WHEELS

- Cutting wheels for pipe cutters



Code	Size
STW69020101	SR150/1
STW69020201	SR150/2
STW69020301	SR150/3/4
STW69010001	SR153

STANLEY TUBE CUTTER CUTTING WHEEL

- Replacement cutting wheel
- Fits 93-020 cutter



Code	Ref.
STA2777	93-019

IRWIN Record MINI BENDER - 210

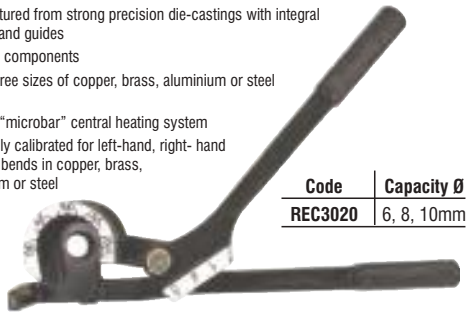
- Manufactured from strong precision die-castings with integral formers and guides
- No loose components
- Bends three sizes of copper, brass, aluminium or steel tube
- Calibrated for 90 degrees and return bends in annealed copper, steel, aluminium and stainless steel



Code	Capacity Ø
REC3015	3, 4, 6mm

IRWIN Record MINI BENDER - 211

- Manufactured from strong precision die-castings with integral formers and guides
- No loose components
- Bends three sizes of copper, brass, aluminium or steel tube
- Ideal for "microbar" central heating system
- Accurately calibrated for left-hand, right- hand or offset bends in copper, brass, aluminium or steel



Code	Capacity Ø
REC3020	6, 8, 10mm

RAGO TUBE BENDER

- Designed for bending small diameter copper, aluminium, stainless steel and steel tubes
- Calibrated markings for making accurate left hand, right hand and offset bends
- Makes smooth short radius bends up to 180° with less effort
- Wide fixed hook simplifies the operation and holds tubing securely
- Open side slips onto tubing at any point
- Bend and handle made from die cast aluminium to be lightweight and sturdy



Code	Capacity Ø
RIC0465	6, 8, 10mm

IRWIN Record HAND BENDING MACHINE - T591057

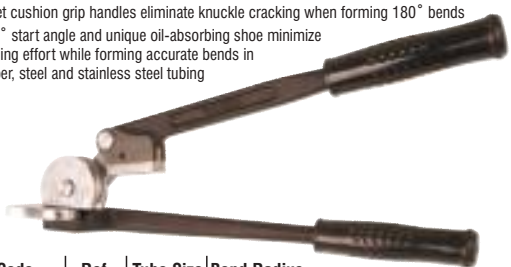
- Flat edges to the bracket arm also allow machine to be used in workshop vice for convenient bending
- Pimple bungs on bending levers prevent the arms slipping if they are used on the floor
- Steel inserts to the bungs eliminate piercing and increase durability
- 15 and 22mm formers have degree marks on casting for 'at a glance accuracy'



Code
REC3010

RIDGID LEVER BENDERS

- Combine accuracy with easy operation
- Offset cushion grip handles eliminate knuckle cracking when forming 180° bends
- A 90° start angle and unique oil-absorbing shoe minimize bending effort while forming accurate bends in copper, steel and stainless steel tubing



Code	Ref	Tube Size	Bend Radius
RID36092	405	5/16"	15/16"
RID36097	406	3/8"	15/16"
RID36102	410M	10mm	24mm
RID36112	406M	6mm	16mm
RID36122	404	1/4"	5/8"
RID36127	412M	12mm	38mm
RID36132	408	1/2"	1 1/2"

RIDGID TUBE BENDER - SPRING TYPE

- For fast, free-form bending of soft copper and aluminium tube



Code	Ref	Size
RID35265	D1379	1/2"
RID35275	D1381	3/4"
RID35270	D1380	5/8"

IRWIN Record BENDER - UNIVERSAL STAND ONLY - UL223

- Features include a single universal roller for all forms of pipe
- Dual position tube locator for copper or conduit, and an adjustable quadrant for precise repeat bends
- Can be used by a wide range of artisans including heating and ventilation engineers, electricians, plumbers, gas fitters, mechanical maintenance engineers and motor vehicle engineers
- The ability to bend large diameter copper tube is easily within the range of the universal bender
- Multi adjustment to the tubular legs and feet ensures maximum saftety in use



Code	Size	Size	Type
REC8405	F3B1511	15mm	Former
REC8407	T563082	20mm	Former
REC8400	F3H2552	25mm	Former
REC8408	F3L3212	32mm	Former
REC8415	G3A1511	15mm	Guide
REC8427	G3S013	20mm	Guide
REC8420	G3S2551	25mm	Guide
REC8410	T560794	32mm	Guide

Code
REC3025

Capacity Ø

Light gauge copper up to 42 mm
Medium gauge Copper up to 42 mm
Light gauge Stainless Steel up to 35 mm
Steel conduit up to 32 mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

PIPE BENDERS

- Easily bend steel pipes of varying diameters up to 75mm
- Ideal for fabricators and hobbyists
- Integral rollers prevent damage to the workpiece
- Bend angles up to 90°
- Quick change pipe shoes

Code	Capacity (Tons)	Capacity (mm)	Ram Stroke (mm)	Gross Weight (kg)
MOB0020	12	13-50	232	41.0
MOB0025	15	13-75	238	61.5



Not for thin wall bending!
For steam and water pipes at 3-4mm wall thickness ONLY!
NOT SUITABLE FOR EXHAUST PIPE BENDING.

STOCK & DIE SET

- Stock & die set for threading steel pipe
- Sturdy die cast stock with positive ratchet mechanism
- Two stage handle for increased leverage
- Four part dies with precision ground cutting edges

Code	Size
HON8063	1/2-2" BSP





RATCHET THREADER SET - 11R-13088

- Uses 11 R series heads
- Heavy duty cast iron Die Head construction, rigidity and robustness
- Easy start die geometry for easier thread starting
- New die profile for superior thread quality
- Larger cooling slots, better access with pump gun and improved cooling
- Cast iron coverplate, improved rigidity and more consistent thread quality
- 11R Die Heads can be used with 600 & 690 Power Threaders



Code	Size
RID13088	½ - 2" BSPT

HANDLE SET

- Replacement handle set for HON8063 stock and die set

Code	Size
HON9002	3 pce



RATCHET THREADER—EXPOSED 12-R-65255

- The die-heads lock into ratchet assembly and are removed by pulling out ratchet knob
- Ratchet and handle lock complete



Code	Size
RID65255	1/2 - 2" BSPT

RATCHET THREADER - EXPOSED 00R-65175

- The die-heads lock into ratchet assembly and are removed by pulling out ratchet knob
- Ratchet and handle lock complete



Code	Size
RID65175	1/2 - 1" BSPT

PIPE THREADER – 3 WAY 31–A 65320

- Each model cuts three thread sizes.
- Each die set is locked in place



Code	Size
RID65320	1/2 / 3/4 / 1" BSPT

RATCHET & HANDLE

- Heavy duty cast iron construction head
- With handle
- For various ratchet die heads



Code	Head	Ref
RID38555	12R	38555
RID38540	00R	38540
RID37777	R200	37777

PIPE DIE HEAD COMPLETE FOR MANUAL THREADER - 11R

- Alloy Dies
- Recommended for threading regular steel pipes
- Alloy R/H



Code	Size
RID65565	1/2" BSPT
RID65570	3/4" BSPT
RID65575	1" BSPT

PIPE DIE HEAD COMPLETE FOR MANUAL THREADER - 00R

- Alloy Dies
- Recommended for threading regular steel pipes
- Alloy R/H



Code	Size
RID65710	1/2" BSPT
RID65725	3/4" BSPT
RID65730	1" BSPT

STOCK DIE HEADS

- Replacement stock die heads for HON8063 stock and die set



Code	Size
HON8092	3/4" BSP
HON8093	1/2" BSP
HON8094	1" BSP
HON8095	1 1/2" BSP
HON8096	2" BSP
HON8097	1 1/4" BSP

STOCK DIE HEADS

- Replacement dies for HON8063 stock and die set



Code	Size
HON9003	1/2" BSP
HON9004	3/4" BSP
HON9005	1" BSP
HON9006	1 1/4" BSP
HON9007	1 1/2" BSP
HON9008	2" BSP

PIPE DIE HEAD COMPLETE FOR MANUAL THREADER - 12R

- Alloy Dies
- Recommended for threading regular steel pipes
- Alloy R/H



Code	Size BSPT
RID65955	1/4"
RID65960	3/8"
RID65965	1/2"
RID65970	3/4"
RID65975	1"
RID65980	1 1/4"
RID65985	1 1/2"
RID65990	2"

PIPE DIES FOR MANUAL THREADERS - 12R

- Pipe dies for 11-R, 12-R, 00-R, 31-A threaders
- Recommended for threading regular steel pipes



Code	Size BSPT	Thread/Inch
RID66110	1/8"	28
RID66115	1/4"	19
RID66120	3/8"	19
RID66125	1/2"	14
RID66130	3/4"	14
RID66135	1"	11
RID66140	1 1/4"	11
RID66145	1 1/2"	11
RID66150	2"	11

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

RIDGID THREADING MACHINE - NO STAND - 1224

- **Capacity:** Pipe ¼" 4", 4"-6" using 161 geared threader
  Bolt: ¼"-2", (6-52mm) up to 30 Rockwell C
- **Technical Specifications:**
  Motor: 1.1kw, single phase 50Hz induction type
  Motor control: Reverse/off/forward heavy duty, rotary type and integral foot switch
  Spindle speed: 36/12 RPM
  Gearbox: Two speed gear box 3:1 Ratio
  Chuck: Hammer type with replaceable jaw inserts
  Rear centering device: Cam action
  Cutter: Model 764 full floating, self centering ¼:-4" with F229 cutter wheel
  Reamer: Model 744, ⅛"-4" blade type
  Oiling: Adjustable flow through the head
  Pump: Self-priming, Geroter type, automatic reversing constant flow
- **Standard equipment**
  Oil: 5 liters thread cutting fluid
  Tools and equipment: 4 hex keys, HD F229 cutter wheel, 3/4" combination Wrench, tool box
  Die heads: 1 Model 911 ¼'-2", 1 Model 914 2 ½"-4
  Dies: 1set each ½"- ¾", 1"-2"euto dies and 2 ½"-4" HS di

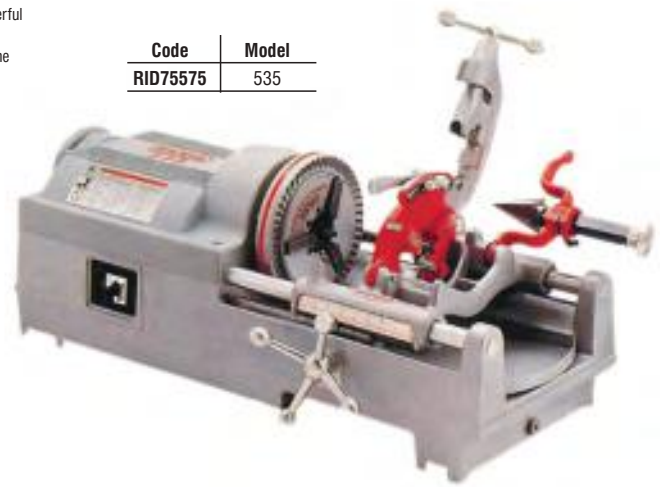
Code	Model
RID26107	1224



RIDGID THREADING MACHINE - NO STAND - 535

- The model 535 threading machine with its new heavy duty design offers a powerful combination of speed and ruggedness that is ideal for industrial applications
- A choice of motors and die heads allows the machine to be ideally adapted to the work requirements

Code	Model
RID75575	535



- **Standard Equipment:**
  Cutter: Model 820
  Reamer: Model 341
  Oil: 5 Litres Thread Cutting Fluid
  Spare: E-1023 Cutter Wheel
  2 hex wrenches (5/32", 3/16")
- **Capacity:**
  Pipe: 1/8"-2", 21/2"-4", 4"-6" with 141 and 161 geared threaders
  Bolts: 1/4"-2" (6 mm-52 mm)
- **Technical Specifications:**
  Manual Chuck
  Motor: Choice of Universal or Three Phase Induction Motors
  Spindle Speed: 36 (Universal) or Electrically switched 35/70 (3 phase)
  Switches: Forward/Off/Reverse and Integral safety foot switch
  Chuck: RIDGID speed chuck with replaceable rocker action jaw inserts
  Rear Centering Device: Cam action turns with chuck
  Cutters: No. 820 Wheel Type Self Centering, full floating
  Oil Pump: Adjustable self priming gerotor

RIDGID COMPACT THREADER - 300

- Provides high quality threading and performance
- The new design offers the convenience of less noise, weight and bulk, plus a built-in oil and chip pan

Code	Model
RID50697	300



- **Standard Equipment:**
  Die Head: Model 815A (BSPT) -"-2" Self-Opening
  Dies: 1/2"-3/4" BSPT Euro. 1"-2" BSPT Euro
  Cutter: Model 360, 1/8"-2" full floating, self-centering with E-1032 Cutter Wheel
  Reamer: Model 344 (1/8"-2")
  Oil: 5 Litres Thread Cutting Fluid
- **Capacity:** Pipe: 1/8"-2"
- **Technical Specifications:**
  Motor: 1.7kW universal 25--60Hz
  Motor Control: Reverse/Off/Forward, heavy duty, rotary-type plus integral foot switch
  Spindle Speed: 38 RPM
  Chuck: Hammer-type with replaceable, rocker-action jaw inserts
  Rear Centering Device: Cam action
  Oil System: Through-the-head, with the integral oil reservior
  Self-priming, constant flow, geroter pump

STAND FOR 300 COMPACT - 250

- Leg tray stand



Code	For Model
RID58077	300

STAND ONLY FOR 535 / 1224 - 100A

- Leg tray stand



Code	For Model
RID92457	535, 1224

THREADER POWER DRIVE - 690

- **Pipe Capacity:** 1/2" - 2"
- **Technical Specifications:**

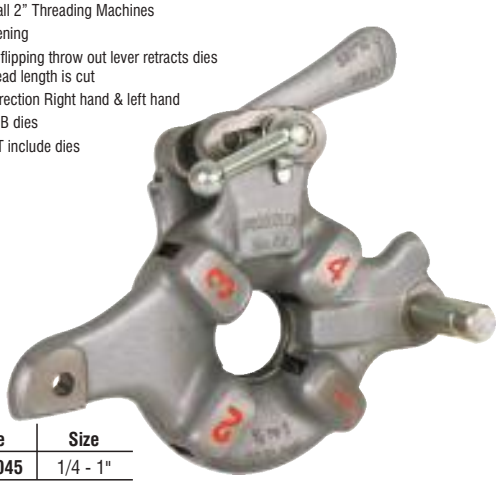
Motor:	Universal, reversible 1020 W motor 25-60Hz
Switch:	Heavy duty paddle type switch with safety lock-off switch, separate Forward / Reverse Switch
Gear Head:	Spur gear reduction drive
Gear Housing:	Die cast aluminium
Body & Handle:	Heavy-duty fiberglass reinforced plastic
Spindle Speed:	32 RPM (No Load)
Die heads:	11-R
Carrying case	



Code
RID41732

BOLT DIE HEAD - 531

- Used on all 2" Threading Machines
- Quick opening
- Manually flipping throw out lever retracts dies when thread length is cut
- Thread direction Right hand & left hand
- Uses 500B dies
- Does NOT include dies



Code	Size
RID97045	1/4 - 1"

BOLT DIE HEAD - 532

- Used on all 2" Threading Machines
- Quick opening
- Manually flipping throw out lever retracts dies when thread length is cut
- Thread direction Right hand & left hand
- Uses 500B dies
- Does NOT include dies



Code	Size
RID97050	1 1/4 - 2"

PIPE DIES - UNIVERSAL

- Alloy Dies
- Recommended for threading regular steel pipe with universal motor machine
- Pipe dies for Machine Die Heads 811A



Code	Size	Pitch
RID66660	1/4 - 3/8"	19
RID18951	1/2 - 3/4"	14
RID18961	1 - 2"	11

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

MACHINE BOLT DIES - 500B

- Bolt dies for 531 Die Heads
- Right Hand high speed steel



Code	Rod Size	Thread Pitch
RID49815	M10	1.5mm
RID49825	M12	1.75mm
RID49830	M14	2mm
RID49835	M16	2mm

Code	Rod Size	Thread Pitch
RID50480	M20	2.5mm
RID50490	M24	3mm
RID50505	M30	3.5mm

THREADER - JAW INSERT SET

- Rocker- action jaw inserts for threading machines
- Contents: Spring
  Plunger
  Jaws



Code
RID44715

PIPE DIES FOR MANUAL THREADERS R200

- Replaceable dies for R200 manual pipe threader
- Alloy dies
- Recommended for threading regular steel pipes



Code	Size BSPT	Pitch
RID38692	1/2"	14
RID38697	3/4"	14
RID38702	1"	11
RID38717	2"	11
RID38707	1 1/4"	11
RID38712	1 1/2"	11

VICE - CHAIN PIPE - 560

- Top screw chain type / alloy frame / cast iron jaws
- Vice and rear support only (no legs or brace included)
- Includes pipe rest, pipe bender and tool tray



Code	Capacity
RID40165	3-125mm

NUCLEAR THREADING OIL

- High grade mineral oil for all threading applications
- Carefully monitored ingredients: fatty oil, sulphur, anti-foam agent and emulsifier



Code	Size
RID11931	5 litre

CUTTING PASTE

- The ideal medium for screwing pipes, tapping, threading and cutting
- Makes work easy and saves tools
- Suitable for hand and machine tools



Code	Size
ELC0650	500g

SINK & DRAIN CLEANER

- Flat spring steel "snake"
- Revolving coil spring point
- Effectively clears local blockages in household waste pipes



Code	Size
HON0825	5m

TAP RESEATER

- B.S.P. right hand thread guides and turning T handle
- All steel and chemical black finish
- Two interchangeable cutter wheels for 1/2" and 3/4" taps made from hardened, high grade SCM steel



Code	Size
RIC4200	1/2 & 3/4"

TILE CUTTERS - HEAVY DUTY

- Expert quality and heavy duty construction for the most demanding professional
- Cuts and breaks tiles in one easy operation
- Extra heavy gauge sheet steel base offers robust and torsion-free stability and strength
- Base surface has a foam cushion for tile stability whilst cutting
- Aluminium graduated measuring gauge
- **Spare cutter wheel is available - quote code RIC4500**

Code	Size
RIC4460	300mm
RIC4470	355mm



TILE CUTTER - 3 IN 1

- Torsion free steel base for precision work
- Rotating stop allows for cutting at any angle up to 45°
- Adjustable tile cutter cuts holes in diameters from 30 - 80mm
- Hardened tile cutter wheel for longer life
- **Spare cutter wheel is available - quote code HON9023**

Code	Size
HON9022	450mm



TILE CUTTER - CARBIDE TIP

- Expert quality, tungsten carbide tipped ceramic tile cuter
- Rugged hardened steel handle with vinyl grip and trimming rack



Code	Size
RIC4450	200mm

TILE CUTTER - TILE NIPPER

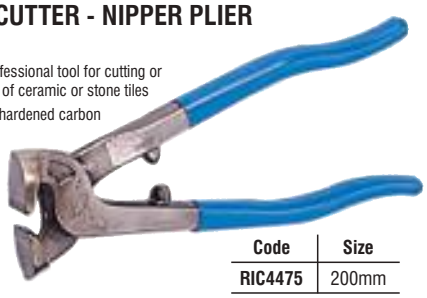
- For cutting or trimming all types of ceramic or stone tiles
- Spring loaded action with tungsten carbide tipped cutting edge



Code	Size
HON9066	200mm

TILE CUTTER - NIPPER PLIER

- Expert quality, professional tool for cutting or trimming all types of ceramic or stone tiles
- Drop forged from hardened carbon alloy steel with tungsten carbide tipped cutting edges
- Comfortable vinyl grip handles
- Spring loaded action



Code	Size
RIC4475	200mm

TILE CUTTER - TILE BREAKER

- Dynamically curved edges make circling and cutting work easy around holes
- Spring loaded action



Code	Size
HON9062	190mm

TILE CUTTER - TILE PLIER

- Suitable for cutting glass or ceramic tiles, swivel top plates ensure an even break
- Hardened tungsten carbide cutting wheel scores the surface to be cut
- Glass or tile is then placed in the plier jaws and even pressure is applied to produce the cut



Code	Size
HON9064	200mm

TILE CUTTER - TILE PLIER

- This useful tool will cut glass or ceramic tiles
- Hardened tungsten carbide cutting wheel scores the surface to be cut
- Swivel top plates ensures an even break
- Chrome plated hardened steel with comfortable vinyl grips



Code	Size
RIC4480	210mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SOLDERING IRON - 30W - R21/613-3B

- This compact soldering iron has been designed for industrial use
- Handle is designed for comfort and safety
- Supplied with resting stand
- **Spare elements and tips are available**



Code	Size
RIC3500	30W

SOLDERING IRON - 40W - R21/613-4B

- This compact soldering iron has been designed for industrial use
- Handle is designed for comfort and safety
- Supplied with resting stand
- **Spare elements and tips are available**



Code	Size
RIC3505	40W

SOLDERING IRON - 60W - R21/613-6B

- This compact soldering iron has been designed for industrial use
- Handle is designed for comfort and safety
- Supplied with resting stand
- **Spare elements and tips are available**



Code	Size
RIC3510	60W

SOLDERING IRON - 80W - R21/613-8B

- This compact soldering iron has been designed for industrial use
- Handle is designed for comfort and safety
- Supplied with resting stand
- **Spare elements and tips are available**



Code	Size
RIC3515	80W

Weller® SOLDERING IRON - FINE DUTY - SP15LZA

- For fine duty work such as in home electronics, light duty electrical repairs and hobby work
- Medium duty iron for most general soldering repairs where a little more power is required
- All purpose iron for general electrical repairs in the home and hobby workshop
- Fitted with straight tip nickel –plated 2.0mm (type MT10)
- ON/OFF indicator light



Code	Size
WEL0125	15W

Weller® SOLDERING IRON- GENERAL DUTY - SP25LZA

- All purpose iron for general electrical repairs in the home and hobby workshop
- Fitted with straight tip nickel –plated 0.8mm (type MT1)
- ON/OFF indicator light



Code	Size
WEL0110	25W

STANLEY® SOLDERING IRONS

- These soldering irons have been designed for industrial use
- Handles designed for comfort and safe grip
- SABS approved
- Supplied with 2 tips



Code	Size	Ref
STA5125	30W	69-031
STA5130	45W	69-033

Weller® TEMPERATURE CONTROLLED SOLDERING STATION - WHS40

- Temperature range controlled between 200˚C - 450˚C
- Rules out the risk of temperature shocks which can occur with conventional soldering bits
- Desired temperatures can be set precisely in such a way that you no longer have to worry about overheating sensitive areas
- Consists of power unit, soldering iron with nickel plated tip 2mm and support



Code	Size
WEL0300	40W

Weller® SOLDERING IRON- MEDIUM DUTY - SP40LZA

- Medium duty iron for most general soldering repairs where a little more power is required
- All purpose iron for general electrical repairs in the home and hobby workshop
- Fitted with straight tip nickel –plated 6.3mm (type MT10)
- ON/OFF indicator light



Code	Size
WEL0115	40W-6.3mm Tip

Weller® SOLDERING IRON- HEAVY DUTY - SP80LZA

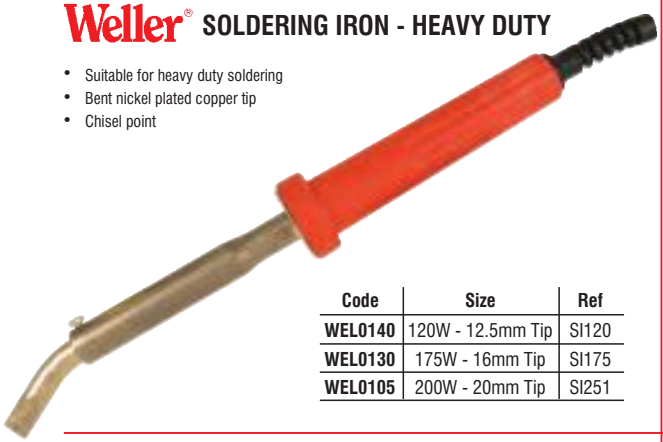
- Iron suitable for making metal repairs
- Such as battery connections and small metal joining tasks
- Fitted with straight tip, ` iron plated (type MTG20)
- ON/OFF indicator light



Code	Size
WEL0145	80W - 9.5mm Tip

Weller® SOLDERING IRON - HEAVY DUTY

- Suitable for heavy duty soldering
- Bent nickel plated copper tip
- Chisel point



Code	Size	Ref
WEL0140	120W - 12.5mm Tip	SI120
WEL0130	175W - 16mm Tip	SI175
WEL0105	200W - 20mm Tip	SI251

RACO SOLDERING GUN - RT21/632D



- An industrial gun with a high-insulated bakelite housing and built-in copper coil for instant heat
- The gun has a three second warm-up time
- Trigger switch and work piece illumination light
- Complete with two tips and coil of multi-purpose solder

Code	Size
RIC3545	100W

Weller® SOLDERING GUN - EXPERT 8100UC

- Red housing with built-in illumination of solder-joint and copper soldering tip



- All purpose gun that tackles soldering, cutting, sealing and pokerwork with instant heat through interchangeable tips
- Operated by fingertip trigger this gun is ready to solder in 7 seconds

Code	Size
WEL0160	100W

Weller® SOLDERING GUN- STANDARD 9200UC

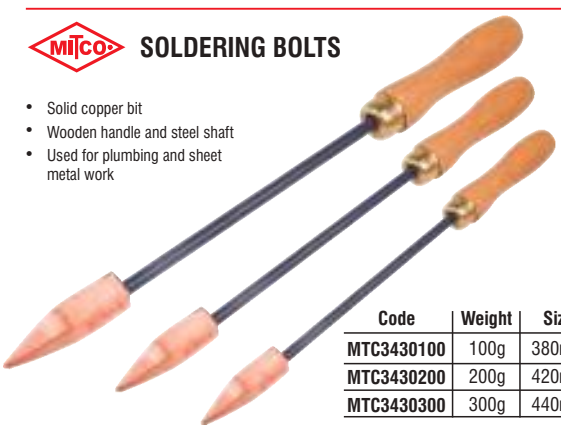


- Blue housing with copper soldering tip
- Universal soldering gun with instant heat fingertip trigger, ready to solder in 7 seconds
- Ideal for hobbies, model making and home repairs

Code	Size
WEL0175	100W

MITCO SOLDERING BOLTS

- Solid copper bit
- Wooden handle and steel shaft
- Used for plumbing and sheet metal work



Code	Weight	Size
MTC3430100	100g	380mm
MTC3430200	200g	420mm
MTC3430300	300g	440mm

RACO SOLDERING IRON - STAND - RT21/610

- A quality stand with heavy gauge metal base
- Features a reinforced spring safety holder to prevent flex tangling
- Supplied complete with cleaning sponge



Code
RIC3520

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SOLDER SUCKER - RT21/651B

- Aluminium body, vacuum de-soldering pump
- Compressed spring system makes de-soldering quick and easy
- Designed for one-hand operation
- Tool is lightweight and easy to use



Code
RIC3555

Spare tip is available, quote code RIC3557

SOLDERING TIPS

- Spare tip for RIC3545



Code
RIC3550

Weller® SOLDERING TIPS FOR 8100 STANDARD GUN - 7315

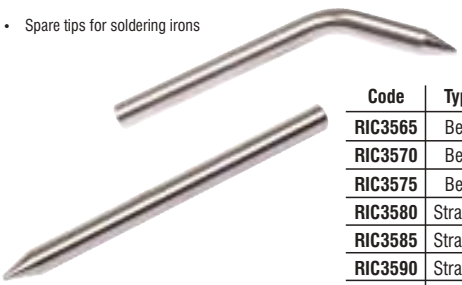
- Copper soldering tip



Code
WEL5005

SOLDERING TIPS

- Spare tips for soldering irons



Code	Type	Watt
RIC3565	Bent	40
RIC3570	Bent	60
RIC3575	Bent	80
RIC3580	Straight	30
RIC3585	Straight	40
RIC3590	Straight	60
RIC3595	Straight	80

NASCO RESINCORE - 40T2

- Manufactured from the purest virgin base metals, highest quality natural resins and a small quantity of highly effective activators
- Excellent "wetting" properties
- Triple core to ensure even distribution on work surfaces
- Flux within triple core is non-corrosive and non-conductive
- Used for copper bit soldering of electrical, electronic and general work that is not particularly susceptible to heat damage and does not require optimum penetration
- Ideally suited for all electronic and electrical work
- On card



Code	Size
NSO0020	1.6mm/15g

NASCO RESINCORE - 40T2

- Manufactured from the purest virgin base metals, highest quality natural resins and a small quantity of highly effective activators
- Excellent "wetting" properties
- Triple core to ensure even distribution on work surfaces
- Flux within triple core is non-corrosive and non-conductive
- Used for copper bit soldering of electrical, electronic and general work that is not particularly susceptible to heat damage and does not require optimum penetration
- Ideally suited for all electronic and electrical work
- On reels



Code	Size	Ref
NSO0025	2.0mm/250g	40T
NSO0030	2.0mm/500g	40T
NSO0033	0.71mm/500g	60T
NSO0034	0.9mm/500g	60T
NSO0035	1.25mm/500g	60T
NSO0037	1.6mm/500g	60T

NASCO SOLDER ACID CORE - 30S

- Has excellent "wetting" properties with extremely fast cleaning action
- Uses: plumbing, electrical lamp manufacture, car body filing and general metal work
- On card



Code	Size
NSO0005	2.5mm/15g

NASCO SOLDER ACID CORE - 30S

- Has excellent "wetting" properties with extremely fast cleaning action
- Uses: plumbing, electrical lamp manufacture, car body filing and general metal work
- On reels



Code	Size
NSO0010	2.5mm/250g
NSO0015	2.5mm/500g

NASCO SOLID WIRE SOLDER - 97/3

- Lead-free, no toxic, soft solder alloy which is primarily used for soldering copper piping, sheet metal work, plumbing and metal ware
- To be used with flux
- On reel



Code	Size
NSO0080	2.0mm/250g
NSO0085	2.0mm/500g

NASCO SOLDERING STICKS - 40T

- Non-antimonial solder which may be used for soldering of electrical joints
- Suitable for soldering zinc, zinc plated, galvanized and cadmium plated metals
- Can be applied by machine soldering
- S4 sticks are 40% lead and 60% tin



Code	Size
NSO0040	S4

SOLDERING PASTE

- Enables easy soldering of most metals
- Not suitable for Aluminiun



Code	Size
ELC0655	25g

NASCO SOLDERING PASTE

- Non-corrosive flux for general purpose soldering of most materials (except aluminium and stainless steel)
- This flux gives excellent "wetting" properties and enables the solder to penetrate the metals to be soldered



Code	Size
NSO0055	200g

NASCO SOLDERING CLEANER FLUX

- Self cleaning flux with capillary action suitable for most applications
- Slightly corrosive flux and must be wiped clean with damp cloth after soldering



Code	Size
NSO0019	200g

NASCO ALUMINIUM FLUX

- Self cleaning flux with capillary action suitable for most applications
- Slightly corrosive flux and must be wiped clean with damp cloth after soldering



Code	Size
NSO0018	50g

BRAZING FLUX

- For most soldering and brazing
- Cannot be used for aluminium



Code	Size
ELC0500	500g

NASCO SALAMONIAC BLOCK

- Compressed white block used mainly for cleaning irons
- Composition: Ammonium chloride base with binding elements
- Application: Apply hot soldering iron to block until tip is cleaned
- Add small amount of solder to tin tip of iron



Code	Size
NSO0002	250g

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

GROZ tools to trust — ENGINEER'S VICES - HEAVY DUTY

- All steel body with integrated anvil
- Front jaw beam with machined construction fully encloses the vice spindle protecting the threads from contaminants and damage
- The long unbreakable malleable iron nut securely locked in the body ensures maximum thread surface contact and constant alignment between body and sliding jaw
- Perfect alignment of main screw and nut reduces wear and gives long trouble free service
- Vices have attractive blue finish with main screw and handle chrome plated
- Forged tommy bar for added strength
- Safety stopper provided at the end of slide to prevent slide from fall
- Built to withstand the toughest use
- Spare jaws are available
- Spare handle and nut are available



Code	Size	Jaw Opening
GRO6716	100mm	125mm
GRO6717	150mm	175mm
GRO6723	200mm	200mm

IRWIN Record — ENGINEER'S BENCH VICES - HEAVY DUTY

- Heavy duty steel vice with plain screw action
- Steel anvil provides support for heavy hammering
- Hardened steel jaws
- Unbreakable nut
- Guaranteed against breakage



Code	Ref	Jaw Width	Jaw Opening
REC5930	EV100	100mm	130mm
REC5935	EV125	125mm	165mm
REC5940	EV150	150mm	205mm
REC5945	EV200	200mm	235mm

IRWIN Record — WORKSHOP VICE, SWIVEL BASE HEAVY DUTY

- Cast from close grained grey iron
- For use in workshops and garages
- Precision machined has anvil
- The swivel base allows the vice to be rotated through 360° and locked in any position



Code	Ref	Capacity	Jaw Width	Jaw Opening	Jaw Depth
REC6052	3VS	3 Ton	100mm	120mm	70mm
REC6053	6VS	6 Ton	150mm	205mm	90mm

IRWIN Record — ENGINEER'S VICE - STANDARD DUTY

- All Steel
- Hardened steel jaws
- Light duty use



Code	Ref.	Jaw Width	Jaw Opening
REC5950	LV150	150mm	185mm

IRWIN Record — HOME WORKSHOP VICE

- Cast from close grained grey iron
- Precision CNC machined
- Ideal for the hobbyist



Code	Ref	Jaw Width	Jaw Opening
REC6008	1 TON-E	100mm	100mm

GROZ tools to trust JAWS FOR ENGINEER'S VICE

- Suits Engineers Vices GRO6716, 6717 and 6723
- Supplied with fixing screws



Code	Size
GRO6736	100mm
GRO6737	150mm
GRO6738	200mm

IRWIN Record VICE JAWS

- All steel
- Hardened
- Supplied with fixing screws



Code	Ref	Size
REC6010	EV100D	100mm
REC6015	EV125D	125mm
REC6020	EV150D	150mm
REC6025	EV200D	200mm

IRWIN Record FIBRE GRIP JAWS

- Clip onto vice
- For holding & protecting delicate work pieces
- Fits EV150, and LV150



Code	Size
REC5965	150mm

GROZ tools to trust HANDLE & NUT FOR ENGINEER'S VICES

- Suits Engineers Vices GRO6716, 6717 and 6723



Code	Size
GRO6744	100mm
GRO6746	150mm
GRO6748	200mm

IRWIN Record SCREW HANDLE - ENGINEER'S VICES

- All steel
- Hardened
- Fits record engineer's vices



Code	Ref.	Size
REC6035	EV100A	100mm
REC6040	EV125A	125mm
REC6045	EV150A	150mm
REC6050	EV200A	200mm

IRWIN Record NUT FOR ENGINEER'S VICES

- All steel
- Hardened
- Fit record engineer's vices



Code	Ref.	Size
REC6055	EV100B	100mm
REC6060	EV125B	125mm
REC6065	EV150B	150mm
REC6070	EV200B	200mm

IRWIN Record SPRING/PIN/WASHER KIT FOR ENGINEER'S VICES

- All steel
- Hardened
- Fit all record engineer's vices



Code	Ref.	Size
REC6028	EV/RV100	100mm
REC6029	EV/RV125	125mm
REC6030	EV/RV150	150mm
REC6031	EV/RV200	200mm

RACO TABLE VICE

- This lightweight hobby bench vice is made from high quality aluminium alloy for strength but is light enough to carry anywhere
- Ideal for use with portable benches
- 60mm wide jaws have a maximum opening capacity of 50mm
- The vice is finished in blue enamel with polished jaw faces
- The vice is secured with a turning knob which also allows for speedy removal

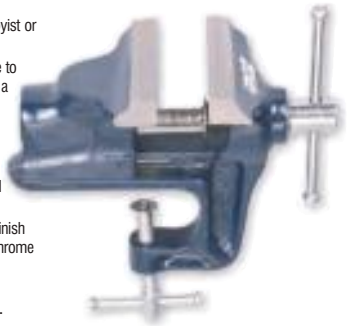


Code	Size
RIC5445	64mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

GROZ TABLE VICE

- A portable vice ideal for the hobbyist or model maker
- The built-in clamp allows the vice to be easily and quickly attached to a table or bench
- Manufactured from high quality grey iron casting, these are machined to close tolerances resulting in smooth operation and reliability
- Vices have an attractive enamel finish with main screw and handle in chrome plated finish



Code	Size
GRO6750	50mm

GROZ HAND VICE - SPRING TYPE

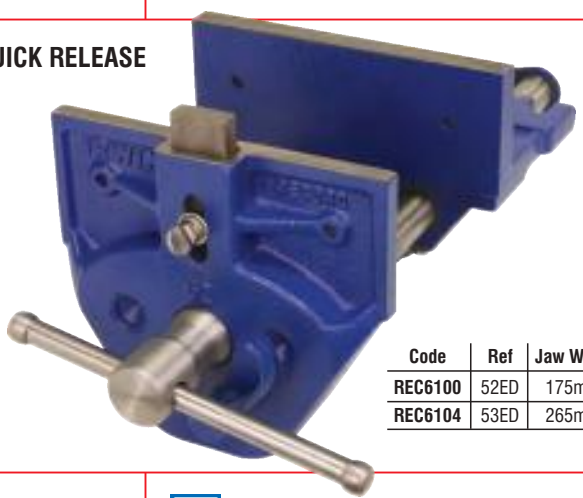
- Manufactured from drop forged steel, the hardened jaws have a chequer finish for a sure grip
- Ideal for firm gripping of small items
- Spring loaded for effortless opening



Code	Size
GRO6730	100mm

IRWIN Record WOODWORKING VICE - QUICK RELEASE

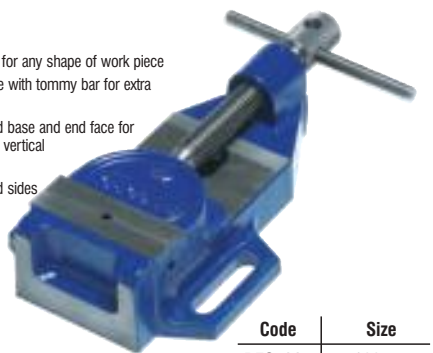
- Manufactured in three capacities
- Full size workshop vice is designed for bench mounting
- Cast grey iron body and front plate are precision machined to house two solid steel guide rods giving vice a smooth, true parallel action free of side or cross movement
- Steel main screw has a two start acme thread for fast accurate adjustment
- Squeeze trigger and a quick release vice can be opened and closed without using the main screw
- THE ADJUSTABLE FRONT DOG allows oversize work (in conjunction with bench stop) to be held securely on the bench top



Code	Ref	Jaw Width	Jaw Opening
REC6100	52ED	175mm	330mm
REC6104	53ED	265mm	380mm

IRWIN Record DRILL PRESS VICE - 414

- Light duty
- Unique swivel Jaw for any shape of work piece
- Cross drilled handle with tommy bar for extra leverage
- Precision machined base and end face for stable horizontal or vertical mounting
- Precision machined sides
- Horizontal and vertical "V" grooved jaws for round selection work
- High quality cast body and sliding jaw for guaranteed strength



Code	Size
REC5925	100mm

RACO DRILL PRESS VICE

- Manufactured from graded cast iron
- Precision ground base and vice bed for smooth lateral movement of the jaw



Code	Size
RIC5430	100mm
RIC5440	150mm

RACO MITRE CORNER CLAMP

- Die-cast aluminium frame with baked enamel finish
- Two cramps set at 90 with recessed, plated screws and large non-rotating cramp plates
- 75mm capacity clamps corners for flueing, nailing, dowelling



Code	Size
RIC0920	75mm

IRWIN Record MITRE CUTTING CORNER CLAMP LIGHT DUTY

- Accurate mitre clamping is provided with light duty clamp
- Solid grey iron body and precision machined clamping give a positive location and easy access for gluing and nailing
- Can be secured to work surface



Code	Ref.	Size
REC5200	M140	50mm
REC5205	M141	108mm

IRWIN Record CHAIN PIPE VICE - 181C

- Generates a powerful grip due to its sturdy construction
- Drop forged, heat treated steel jaws and high tensile steel chain
- Body cast from ductile iron that is guaranteed unbreakable
- Flexible chain means vice is compact and easy to store when not in use



Code	Pipe O/D Capacity
REC5900	3-50mm

IRWIN Record CHAIN PIPE VICE - 182C

- Generates a powerful grip due to its sturdy construction
- Drop forged, heat treated steel jaws and high tensile steel chain
- Body cast from ductile iron that is guaranteed unbreakable
- Flexible chain means vice is compact and easy to store when not in use



Code	Pipe O/D Capacity
REC5905	6-100mm
REC5910	12-200mm

IRWIN Record HINGED PIPE VICE

- Frame and base are strong S.G. ductile iron castings
- Replaceable steel jaws - hardened and tempered
- Ideal for fast repetitive work



Code	Ref	Size
REC5980	92½	3-60mm
REC5985	92	3-50mm
REC5990	93½	3-90mm
REC6000	96	3-150mm

IRWIN Record TRIPOD STAND - 500

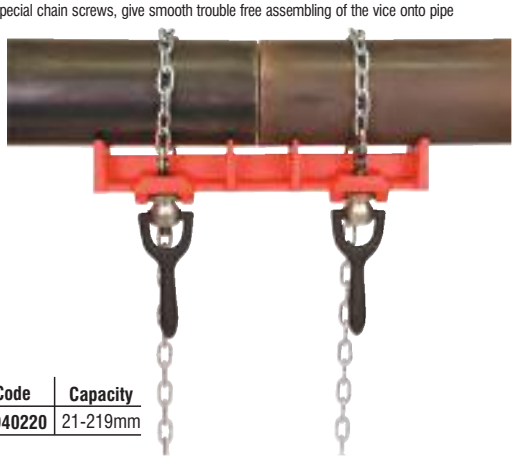
- For use with 181C, 182C, 92 and 921/2 Pipe Vices
- Hinged tool tray
- Fold down platform
- Complete unit folds flat for ease of transport



Code
REC6075

RIDGID STRAIGHT WELDING PIPE VICE - 461

- Made of durable performance-proven material
- Designed to resist strain, heat and warp age during tacking
- Machined swivel nuts and pins
- Special chain screws, give smooth trouble free assembling of the vice onto pipe



Code	Capacity
RID40220	21-219mm

GROZ tools to trust RIBBED "G" CLAMPS

- Frames are manufactured from high grade ductile iron castings making them suitable for a wide variety of metalworking and woodworking applications
- The spindle has Acme threads for smooth operation and maximum clamping pressure
- The swivelling pad adopts the correct angle and applies pressure evenly
- Frames have an attractive textured powder coated finish with spindle in black oxide finish for increased resistance to corrosion



Code	Size	Code	Size
GRO1390	75mm	GRO1405	200mm
GRO1395	100mm	GRO1410	250mm
GRO1400	150mm	GRO1415	300mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

IRWIN Record G CLAMPS - HEAVY DUTY

- Strongest G-Clamps you can buy with the drop forged steel frames
- The steel main screw has a large swivel shoe to cater for uneven surfaces and a fast acting thread that is rolled into the steel for strength and resilience
- Recommended particularly for metalworking and fabrication work where very high clamping pressures are demanded



Code	Size	Ref	Frame Proof Load
REC5225	75mm	121-3	2720kg
REC5230	100mm	121-4	3170kg
REC5235	150mm	121-6	4080kg
REC5240	200mm	121-8	5670kg
REC5245	250mm	121-10	6240kg
REC5250	300mm	121-12	6800kg

IRWIN Record G-CRAMPS - GENERAL PURPOSE - CAST

- For both metal and woodworking applications
- Guaranteed unbreakable frame is cast from S.G. Ductile iron
- "Fused" handle is designed to bend before the frame can be overstressed
- Main screw is fitted with a steel swivel shoe to apply even pressure on angled surfaces



Code	Size	Ref	Frame Proof Load
REC5255	75mm	120-3	455kg
REC5260	100mm	120-4	545kg
REC5265	150mm	120-6	635kg
REC5270	200mm	120-8	775kg
REC5275	250mm	120-10	1000kg
REC5280	300mm	120-12	1135kg

MTS "C" CLAMP SET - 3 PIECE

- Steel Screw, Handle & Swivel Shoe
- Drop Forged Construction
- 25, 50, 75mm



Code
HON0828

IRWIN Record "G" CLAMP - MED DUTY - 119-2

- Thin Frame for getting into tight corners and confined spaces
- Very strong and rigid



Code	Size
REC5220	50mm

IRWIN Record CLAMP SPEED - PRO M

- Ergonomically designed three-component handle allows the end-user a higher torque transfer to the work piece
- A patented floating lock minimises the risk of the lower jaw sliding down the bar
- Zinc plated I-beam/ribbed design provides higher mechanical strength and less torsion
- Soft hexed handle
- TPE pads provide excellent friction to the work surface, reduces marking of workpiece



Code	Size	Throat Depth	Ref.
REC5325	300mm	120mm	10503569
REC5330	400mm	120mm	10503570
REC5335	600mm	120mm	10503571
REC5336	800mm	120mm	10503572
REC5337	1000mm	120mm	10503573

IRWIN Record CLAMP - QUICK GRIP XP

- Maximum gripping strength with one hand
- Designed for gluing applications
- Full face pads and a supporting foot
- Lockable swivel jaws to ensure both jaws are always parallel and pressure is evenly distributed when gluing
- Quick change screw no tools required
- Low explosive release mechanism
- Free sliding I-beam bar



Code	Size	Spread	Ref
PET1450	150mm	216-420mm	10505942
PET1455	300mm	216-570mm	10505943
PET1460	450mm	216-720mm	10505944
PET1465	600mm	216-870mm	10505945
PET1470	900mm	216-1170mm	10505946
PET1475	1250mm	216-1520mm	10505947

IRWIN Record QUICK GRIP CLAMP

- 135kg of clamping pressure
- Lockable swivel jaw allows the even distribution of clamping pressure and
- also the capabilities to clamp uneven surfaces
- Heat treated steel I-beam bar gives resistance to bending and wear
- Screw quick change mechanism holds the jaw firmer on the bar



Code	Size	Ref
PET1500	150mm	T506QCEL7
PET1512	300mm	T512QCEL7
PET1520	455mm	T518QCEL7
PET1530	610mm	T524QCEL7
PET1540	900mm	T536QCEL7

IRWIN Record SASH CLAMPS

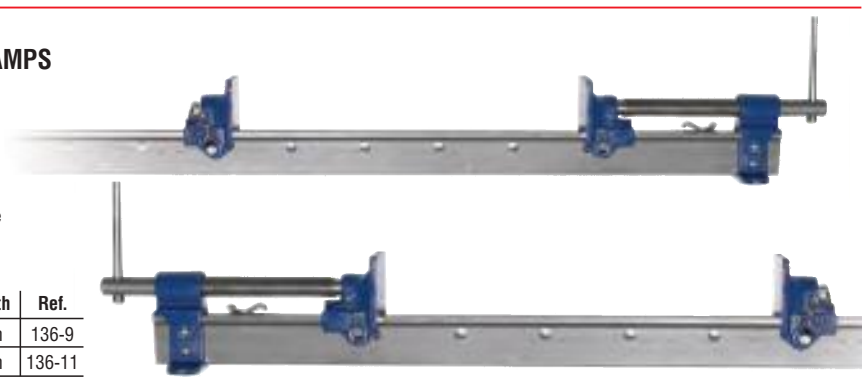
- Heavy duty clamps have a bar section of 32mm x 6mm
- Slide and head are guaranteed unbreakable
- Slide is secured by a solid steel pin passing through one of the locating holes spaced along the steel bar
- Slide and heads are flat bottomed so that the clamp will stand without support



Code	Clamp Capacity	Bar Length	Ref.
REC5300	610mm	760mm	135-2
REC5305	760mm	915mm	135-3
REC5310	1070mm	1220mm	135-5
REC5313	1220mm	1370mm	135-6
REC5315	1370mm	1525mm	135-7
REC5320	1680mm	1830mm	135-9

IRWIN Record T-BAR SASH CLAMPS

- Heavy Duty "T" Section Bar
- Resists Twisting and distortion under clamping pressure as high as 1.9 tons
- Both the head and slide are guaranteed unbreakable



Code	Clamp Capacity	Bar Length	Ref.
REC5350	1680mm	1830mm	136-9
REC5355	1980mm	2135mm	136-11

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

IRWIN Record SPEED CLAMP - PRO S

- Ergonomically designed three-component handle allows the end-user a higher torque transfer to the work piece
- A patented floating lock minimises the risk of the lower jaw sliding down the bar
- Zinc plated I-beam/ribbed design provides higher mechanical strength and less torsion
- Soft hexed handle
- TPE pads provide excellent friction to the work surface, reduces marking of workpiece



Code	Size	Throat Depth	Ref.
REC5323	200mm	80mm	10503564
REC5324	300mm	80mm	10503565

MTS GLUEING CLAMP

- Use with a 3/4" pipe to make a gluing clamp of any length required
- Crank handle provides an excellent grip for quick tightening
- Spring lever locks jaw at any position on the pipe and allows for quick release
- Pipe not included



Code	Size
HON0826	3/4"

MTS SPRING CLAMP SET 5 PIECE

- Swivel jaws are "V" grooved allowing round and flat objects to be held securely
- Rigid plastic construction with powerful springs
- Sizes: 2 x 25mm, 2 x 40mm, 1 x 75mm



Code
HON0827



WERNER MOUNTED WIRE WHEELS

- Wire wheel composed of crimped carbon steel wire 0.3mm
- Designed for application on a drill or pneumatic apparatus
- This mounted crimped brush is used to remove less resilient surface contaminants from steel or for more of a polishing application
- In a DIY setting or small difficult to reach areas



Code	Ref. No.	Diameter	Width	Shank Ø	Max Safe Speed (RPM)
WRN0170	MW902	40mm	12mm	6mm	15000
WRN0175	MW912	50mm	25mm	6mm	10000
WRN0180	MW914	50mm	12mm	6mm	15000
WRN0185	MW922	76mm	12mm	6mm	15000
WRN0190	MW932	100mm	12mm	6mm	12000

WERNER CRIMPED WIRE WHEELS UNMOUNTED (NO BUSHES)

- Wire wheel composed of crimped carbon steel wire 0.3mm
- Designed for application on a bench grinder
- Crimped brush is by its very nature is more flexible than its crimped counterpart
- Is used to remove less resilient surface contaminants from steel or for more of a polishing application
- The brush is also used for preparing surfaces for adhesives by roughening softer exteriors or for removing burrs from steel



Code	Ref. No.	Diameter	Width	Bore	Max. Safe Speed (RPM)
WRN0035	W509	100mm	12mm	12.7mm	6000
WRN0050	W510	100mm	25mm	12.7mm	6000
WRN0045	W580	100mm	20mm	12.7mm	6000
WRN0055	W512	127mm	12mm	16mm	6000
WRN0060	W513	127mm	19mm	16mm	6000

WERNER CRIMPED WIRE WHEELS UNMOUNTED (BUSHED)

- Wire wheel composed of crimped carbon steel wire 0.3mm
- Designed for application on a bench grinder
- Crimped brush is by its very nature is more flexible than its crimped counterpart
- Is used to remove less resilient surface contaminants from steel or for more of a polishing application
- The brush is also used for preparing surfaces for adhesives by roughening softer exteriors or for removing burrs from steel
- 5 Reducing bushes are supplied to adjust bore size to 12.7mm, 18.88mm, 19.05mm, 22.23mm and 25.4mm



Code	Ref. No.	Diameter	Width	Bore	Max Safe Speed (RPM)
WRN0080	W518	150mm	19mm	-	6000
WRN0085	W519	150mm	25mm	-	6000
WRN0087	W557	200mm	20mm	-	4500
WRN0095	W526	200mm	25mm	-	4500
WRN0110	W529	200mm	40mm	-	3500
WRN0115	W531	250mm	25mm	-	3500
WRN0117	W550	305mm	50mm	-	3500

WERNER MOUNTED CUP BRUSH

- Cup brush composed of crimped carbon steel wire 0.3mm
- Designed for application on a drill or pneumatic apparatus
- This mounted crimped brush is used to remove less resilient surface contaminants from steel or for more of a polishing application
- In a DIY setting or small difficult to reach areas



Code	Ref. No.	Diameter	Width	Shank	Max Safe Speed (RPM)
WRN0165	MC1001	50mm	30mm	6mm	6500

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

WERNER KNOTTED CUP BRUSH CARBON STEEL

- Cup brush composed of knotted carbon steel wire 0.8mm
- Designed for application on a 230mm angle grinder
- Knotted brush is by its very nature is more abrasive than its crimped counterpart
- Due to its rigidity and is used to remove more resilient surface contaminants such as powder coating
- Brush is also used for cleaning surfaces like concrete, preparing surfaces for adhesives by roughening softer exteriors
- For removing burrs from steel



Code	Ref. No.	Diameter	Width	Bore	Max Safe Speed (RPM)
WRN0004	KC681142	140mm	2 Row	14x2mm	6500

WERNER CRIMPED CUP BRUSH CARBON STEEL

- Cup brush composed of crimped carbon steel wire 0.4mm
- Designed for application on a 230mm angle grinder
- Crimped brush is by its very nature is more flexible than its knotted counterpart
- Used to remove less resilient surface contaminants from steel or for more of a polishing application
- Brush is also used for cleaning surfaces like concrete, preparing surfaces for adhesives by roughening softer exteriors
- For removing burrs from steel



Code	Ref. No.	Diameter	Bore	Thread Pitch	Max. Safe Speed (RPM)
WRN0005	C663142	76mm	14x2mm	2mm	9000
WRN0010	C657142	100mm	14x2mm	2mm	8500
WRN0015	C652058	140mm	5/8"	BSW	8500
WRN0018	C662142	60mm	14x2mm	2mm	9000
WRN0020	C652142	140mm	14x2mm	2mm	8500
WRN0023	CH650142	150mm	14x2mm	2mm	6500
WRN0024	Z250	76mm	3/8"	UNF	9000

WERNER PORT CLEANING BRUSH

- Port cleaning brush composed of crimped carbon steel wire
- Designed for application on a drill or pneumatic apparatus
- This brush is designed for the cleaning of cylindrical shapes such as valve ports



Code	Ref. No.	Cup Size	Shank Ø	Shape
WRN0120	PC850	6mm	6mm	Flat Trim
WRN0125	PC851	15mm	6mm	Flat Trim
WRN0130	PC852	20mm	6mm	Flat Trim
WRN0135	PC853	25mm	6mm	Flat Trim
WRN0140	PC855	20mm 38mm Head	6mm	Bushby
WRN0143	PC867	20mm	6mm	Pointed Trim



WERNER DE-CARBONISING SET - 7 BRUSHES

- Set containing a variety of port cleaning brushware
- Designed for use on a drill or pneumatic apparatus



Code	Ref. No.	Size
WRN0025	DC1165	7 Piece

WERNER HANDYMAN SET - 4 BRUSHES

- Set containing a variety of mounted brushware
- Designed for use on a drill and perfect for DIY applications



Code	Ref. No.	Size
WRN0030	HM1150	4 Piece

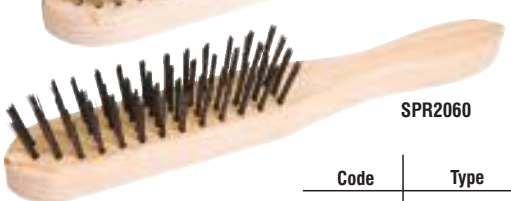
MAT-WELD Quality Welding Products WELDER'S WIRE BRUSH

- Heavy duty steel/stainless steel bristles
- Wooden handle
- For cleaning mild steel, stainless steel & aluminium before and after welding or brazing

SPR2070



SPR2060



Code	Type
SPR2070	5 Row S/Steel
SPR2060	4 Row Steel

MAT-WELD Quality Welding Products WELDER'S WIRE BRUSH - 6 ROW

- A strong and durable wire brush with comfortable wooden handle



Code
HON0700

Transvaal Brush Co. (Pty) Ltd. WIRE BRUSH BLOCK - COARSE

- Composed of a wooden back
- With 6 rows of coarse carbon steel bristles



Code
SPR2020

Transvaal Brush Co. (Pty) Ltd. WIRE BRUSH BLOCK - FINE

- Composed of a wooden back
- With 6 rows of fine carbon steel bristles



Code
SPR2040

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

WIRE STRETCHER - AUTOCHAIN

- Semi-automatic operation
- Spring controlled claws
- Effectively strains all types of wire
- Use at post or any point along fence



Code	Chain Length
DON0005	0.67m

WIRE STRETCHER - BOBBEJAAN

- The big chain / "Bobbejaan" a heavy duty unit
- Semi-automatic operation
- Spring controlled claws
- Secure grips of hardened steel
- Swivels on each grip
- Particularly suitable for plastic coated wire



Code	Chain Length
DON0010	1.3m

WIRE STRETCHER - HOLDFAST

- Lion/Hold-Fast
- Uses knotted chain
- Fitted with pressed steel grips
- Very popular, low cost model



Code
DON0013

WIRE STRETCHER - MULTIGRIP

- Ideal for the professional fence erector
- Takes up unlimited length of wire
- Strains all types of wire
- Can be used as a lever puller for tree stumps, bogged cars etc



Code
DON0015



Fence stretchers are used to provide the proper amount of tension on wire fences.

A tight fence protects livestock and wildlife from getting tangled in the fence which could cause injury or even death.

There are several different styles of wire fence stretchers on the market. They all work the same with some type of clamp to attach to the wire and a ratcheting system to tighten it.

Donald's Wire Stretchers are proudly manufactured in South Africa and are built to withstand years of hard work and abuse.

Instructions for use:

1. Tie one end of the wire to a braced post. Corner posts, H-braces or gate posts have extra reinforcement. Ideally, your wire should extend from one braced-post to the next set of braces. **The first wire you should stretch is the top wire.**

2. Unroll wire to the next braced post. Attach the fence stretcher's clamp to the loose end of the wire approximately 900mm from the actual end of the wire. Attach the clamp to the ratchet system, if needed. Some manufacturers have the clamps permanently attached to the ratchet system while others use separate clamps and come-alongs.

3. Attach the other end of the ratchet system to your second brace post. You will want to wrap the chain of the come-along around the brace post 250mm below the final location of the wire to give yourself plenty of room to wrap the stretched wire around the brace post before stapling.

4. Ratchet the wire to remove any slack or sagging of the wire. If necessary, temporarily tie the wire to the brace post and re-clamp to the partially stretched wire if your ratchet system is fully compressed and you need further tension on the wire.

Tips & Warnings

To check the tension of your wire, go to the middle of the section you are stretching and test the tension from that point.

Check the entire run of the wire to be sure it is not wrapped around anything before stapling the wire to the brace post.

Wear gloves and goggles when stretching wire.



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

Hardware



Hardware

We offer a massive selection of Hardware and related sundries from brooms to batteries, twine to torches and everything else in between.

All products are quality brands that carry our full "Quality Guaranteed or Your Money Back" guarantee.

75 pages packed full of the most popular Hardware solutions to help you find just what you need - Hardware, Storage Solutions, Lamps & Lighting, Electrical, Torches and Batteries, it's all here.



Cleaning



Tool Handles



Twine, Rope, Wire & Accessories



Springs



Chain



Shackles, Hooks & Bolts



Rawlbolts, Plugs & Anchors



Hose Clamps



Nails



Hooks & Hangers



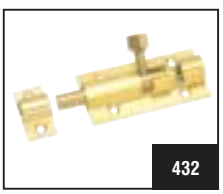
Hinges



Hasp & Staple



Pad & Barrel Bolts



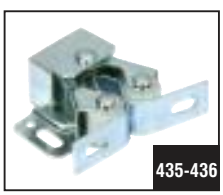
Bolts & Gate Latches



Catches, Handles & Brackets



Brackets, Braces & Wall Bars



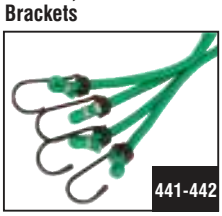
Brackets, Supports & Catches



Door Hardware



Miscellaneous Hardware



Bungee Cords & Tie-Downs



Perma Products



Storage Solutions



Lamps & Accessories



Switches, Sockets & Wall Boxes



Plugs, Adaptors, Multi-plugs & Extensions



Circuit Breakers



Lighting & Ventilation



Accessories & Cable



Torches



Batteries

HOUSEHOLD BROOM

- Composed of an unvarnished oval wooden back
- Soft flagged PVC bristle
- Connected to a wooden handle via a metal "L grip fitting"



Code
SPR1000

HOUSEHOLD BROOM

- Composed of a plastic back
- Soft flagged PVC bristle
- Connected to a wooden handle via a plastic thread



Code
SPR1010

HOUSEHOLD BROOM

- Composed of a wooden back
- Soft flagged coloured PVC bristle
- Connected to a wooden handle via a brite steel fitting with 2 wing nuts
- Enables one to store, sell or transport the broom unassembled



Code
SPR1015

PLATFORM BROOM HARD BRITE

- Composed of a wooden back
- Hard maroon PVC bristle less flex than its black counterpart
- More suited to abrasive surfaces
- Connected to a wooden handle via a brite steel fitting with 2 wing nuts
- Enables one to store, sell or transport the broom unassembled



Code	Colour/Size
SPR1020	Maroon / 300mm
SPR1037	Maroon / 380mm
SPR1050	Maroon / 450mm
SPR1060	Maroon / 600mm

PLATFORM BROOM SOFT BRITE

- Composed of a wooden back
- Soft black PVC bristle connected to a wooden handle via a brite steel fitting with 2 wing nuts
- Enables one to store, sell or transport the broom unassembled
- Thinner PVC bristle has more flex than its maroon counterpart
- More suited to large smooth indoor surfaces where fine materials are specifically a challenge to cleaning



Code	Colour/Size
SPR1023	Black / 300mm
SPR1025	Black / 380mm
SPR1030	Black / 450mm
SPR1035	Black / 600mm

POLY BASS BROOM

- Broom back wooden
- Handle connected with metal stay
- Composed of a longer polypropylene bristle
- Somewhat thicker than the normal platform brooms PVC bristle
- This unique bristle is more resilient to sunlight and chemicals making it more robust outdoors
- The bristles longer length makes it perfectly suited to cleaning garden beds and abrasive, uneven terrain



Code	Size
SPR0990	380mm

WHITEWASH BRUSH

- Composed of a short plastic handle connected to a wooden back
- Soft flagged white PVC bristles via a plastic thread
- It is often used to distribute water onto cement among a plethora of other applications



Code
SPR2000

DUSTPAN & BRUSH SET

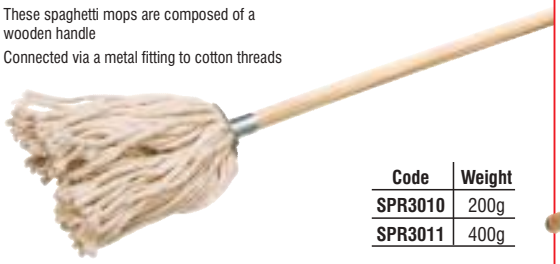
- This plastic set is used for sweeping small amounts of particulate matter in a domestic environment



Code
SPR2150

WET MOP

- These spaghetti mops are composed of a wooden handle
- Connected via a metal fitting to cotton threads



Code	Weight
SPR3010	200g
SPR3011	400g

BROOM HANDLE - WOODEN

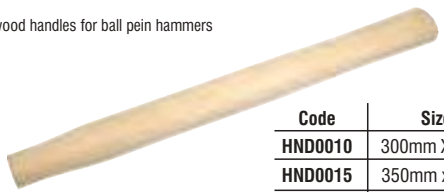
- Hardwood handles
- Standard grade



Code	Length	Diameter
HND0030	1.2m	25mm

BALL PEIN HAMMER HANDLES - WOODEN

- Hardwood handles for ball pein hammers



Code	Size
HND0010	300mm X 200g
HND0015	350mm x 500g
HND0020	375mm x 700g
HND0025	400mm x 900g

CLAW HAMMER HANDLE - WOODEN

- Hardwood handles for claw hammers 500-800gr



Code	Length
HND0035	350mm

CLUB HAMMER HANDLE - WOODEN

- Hardwood handles for club hammers 1.1& 1.8kg



Code	Length
HND0040	280mm

SLEDGE HAMMER HANDLES - WOODEN

- Hardwood handles for sledge hammers



Code	Size
HND0090	600mm 3.6/5.4kg
HND0095	900mm 6.3/7.2kg

HAMMER DRILL HANDLE - WOODEN

- Hardwood handles for drill hammers 1.8kg



Code	Length
HND0075	350mm

FILE HANDLE - WOODEN

- Hardwood handle with steel ferrule
- For safety, every file should have a file handle



Code	Size
HND0045	75mm
HND0050	100mm
HND0055	130mm

WOODEN DOWELS

- Salina dowels made from a locally grown hardwood timber Eucalyptus Grandis
- Sourced from managed and sustainable plantations and bears the FCS certificate for the raw material used
- The products have been kiln dried to a moisture content of 10%
- Ensures that the highest quality of machining is achieved
- Centre less sanding provides the smoother finish resulting in the closest tolerances in the industry



Code	Size	Code	Size	Code	Size
PDC0002	900x 4mm	PDC0050	1200x 4mm	PDC0100	1800x 4mm
PDC0003	900x 5mm	PDC0052	1200x 5mm	PDC0102	1800x 5mm
PDC0005	900x 6mm	PDC0054	1200x 6mm	PDC0106	1800x 6mm
PDC0010	900x 8mm	PDC0056	1200x 8mm	PDC0108	1800x 8mm
PDC0015	900x10mm	PDC0058	1200x10mm	PDC0110	1800x10mm
PDC0020	900x13mm	PDC0060	1200x13mm	PDC0113	1800x13mm
PDC0025	900x16mm	PDC0062	1200x16mm	PDC0116	1800x16mm
PDC0030	900x19mm	PDC0064	1200x19mm	PDC0119	1800x19mm
PDC0035	900x22mm	PDC0066	1200x22mm	PDC0125	1800x22mm
PDC0040	900x25mm	PDC0068	1200x25mm	PDC0130	1800x25mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

COTTON TWINE

- The Cotton Twine is a 100% cotton product
- Used in and around the house
- Can be used for crochet

Code	Size	Ref.
TIG0490	1mm x 50g	104
TIG0500	1mm x 100g	104
TIG0550	2mm x 100g	304
TIG0570	2mm x 500g	304



DRY SISAL TWINE - 1 PLY

- Dry Sisal Twine is a natural fibre
- Used in all forms of fastening

Code	Size
RBT0500	500g
RBT0520	1kg
RBT0540	2kg



BRAIDED SASH CORD

- This is a 100% Cotton product

Code	Size
TIG0600	5mm x 10m
TIG0610	5mm x 30m
TIG0650	7mm x 10m
TIG0660	7mm x 30m



GREEN LACING CORD

- This a polyethylene product is 2mm thick
- Used to make sports nets
- Also used to stitch shade netting to keep it together

Code	Size
TIG0585	20m



NATURAL DRY TARRED TWINE - 1 PLY

- Tarred sisal twine is a natural fibre that has been treated with tar
- To withstand harsh weather
- Smell of the tar keeps away the insects

Code	Size
RBT0560	500g
RBT0580	1kg



THATCHING TWINE

- Use for tying down thatch.
- 100 % polypropylene..
- Black colour.
- On handy reel

Code	Size
RBT0700	1kg / 600m



SKI ROPE

- This is a 100% Polyethylene product and comes in various colours
- Used to strap down goods on a bakkie and In kiddies jungle gyms

Code	Size
TIG0800	5mm x 5m
TIG0820	5mm x 10m
TIG0840	5mm x 30m
TIG0880	7mm x 5m
TIG0900	7mm x 10m
TIG0910	7mm x 20m
TIG0920	7mm x 30m
TIG0950	10mm x 10m
TIG0970	10mm x 30m
TIG0980	5mm x 10kg Roll ± 1100m
TIG1000	7mm x 10kg Roll ± 630m
TIG1050	10mm x 10kg ± 330m



BAILING TWINE

- Bailing Twine is manufactured from polypropylene and a virgin material product
- Blue used mainly by farmers, when they do harvesting for their round bailers
- Brick / Terracotta used mainly by farmers when they do harvesting for their square bailers
- Yellow used mainly by farmers when they do harvesting for their round bailers

Code	Colour	Length
TIG0350	Blue	4550m
TIG0355	Brick	4550m
TIG0360	Yellow	4550m



BRAIDED OUTDOOR ROPE

- A braided type rope
- Suitable for outdoor use
- 100 % Polypropylene
- Red, yellow and white

Code	Size
RBT0400	8mm x 10m
RBT0410	8mm x 30m



WASHLINE

- Polyethylene product and comes in white only
- It is mainly used on wash lines



Code	Size
TIG1200	4mm x 15m
TIG1220	4mm x 30m

WASHLINE - PLASTIC

- High quality plastic coated steel wire
- Weather proof
- Smooth surface
- Rust proof
- Easily installed



Code	Size
UNS1550	15m
UNS1560	30m

ROTARY WASHLINE

- All steel rotary / revolving
- 4 Arms
- Arms are clamped in an all steel head
- Bearing in head to allow for easy revolving
- Includes 30m wash line cord and fastenings
- Can be fixed by concreting into the ground, or in a pipe in the ground
- Supplied disassembled



Code
DYN2000

EASI COIL GALV WIRE - PLASTIC COATED

- Galvanised steel binding wire
- Packed in small handy coils
- Wire is easily drawn out without tangling
- Extremely useful around the house, garden & workshop
- Dispenser available for hardware stores sales



Code	Size
MAC1400	1.1mm/16gge x 60m 250g
MAC1410	1.3mm/17gge x 40m 250g
MAC1420	1.6mm/18gge x 25m 250g

GALVANISED WIRE ROLLS

- Galvanised wire for many uses in binding



Code	Size	Ref.	Code	Size	Ref.
MAC2000	0.71mm 250g	36	MAC2100	0.71mm 500g	31
MAC2010	0.90mm 250g	37	MAC2110	0.90mm 500g	32
MAC2020	1.25mm 250g	38	MAC2120	1.25mm 500g	33
MAC2030	1.60mm 250g	39	MAC2130	1.60mm 500g	34
MAC2040	2.00mm 300g	40	MAC2140	2.00mm 500g	35

WIRE COIL

- Galvanised steel binding wire
- Packed in small handy coils
- Wire is easily drawn out with out tangling
- Extremely useful around the house, garden & workshop



Code	Size	No.
MAC1000	0.71mm x 160m 500g	01
MAC1010	0.90mm x 100m 500g	02
MAC1020	1.25mm x 51m 500g	03
MAC1030	1.6mm x 31m 500g	04
MAC1040	2.0mm x 20m 500g	05
MAC1045	0.5mm x 160m 250g	25
MAC1050	0.71mm x 80m 250g	06
MAC1060	0.90mm x 50m 250g	07
MAC1070	1.25mm x 26m 250g	08
MAC1080	1.6mm x 15m 250g	09
MAC1090	2.0mm x 12m 300g	10

LEAD SEALING WIRE

- For use with lead sealing pliers



Code	Size
CST0008	1kg roll

ROUND LEAD SEALS

- For use with lead sealing pliers



Code	Size
CST0006	10mm
CST0011	12.7mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

WEBLOR WIRE SPRING - COMPRESSION

- Most common type of spring and are designed to create a resistance to a compressive force
- Have a constant or progressive spacing between the coils
- Spring ends are often ground to increase operational life and to allow the spring to sit squarely on the load bearing surface

Code	Wire Ø mm	Outside Ø mm	Total coils	Length of coil mm	Force N/mm
AJX0013	1.4	12.5	12	40	0.7
AJX0014	2	15	7.5	33.5	13
AJX0016	1.8	15.5	8	49	6.25
AJX0017	1	7.7	8.5	35	3
AJX0018	0.5	7.8	13	35	0.14
AJX0019	0.8	4.9	37	57.5	1.6
AJX0020	0.5	5.6	23	40.5	0.2
AJX0021	0.6	4.4	18	35	1.3
AJX0022	0.8	5.5	15	32	3
AJX0023	0.7	7.7	18.5	44.5	0.4
AJX0024	1	7.9	17	58	2
AJX0025	0.6	6.4	19.54	51	0.38
AJX0026	1.2	11.1	16	76	1.5
AJX0032	1.5	10.7	20	81	3.5
AJX0033	1.2	8.1	26	83	2.5
AJX0035	2	12.2	15	56	11.5
AJX0037	1.2	12.2	8	27	2.6
AJX0039	2	17.9	7	37	5.6
AJX0041	1.6	12.7	20	71	2.6
AJX0045	1.2	18	15.5	86	0.35
AJX0047	1.8	21.8	12	86	1.3
AJX0048	2	11.3	36	121	5.75
AJX0049	3	24.7	11.5	91	8.2
AJX0054	1	11.5	24.5	132	0.38
AJX0055	1.6	20.6	16.5	84.5	0.5
AJX0056	3	28	15	130	4
AJX0057	3	19	13	85	18
AJX0058	3	31.2	12	109	3.6
AJX0059	3.2	24.5	13.5	91	9.25
AJX0060	2.3	18.7	40	225	1.6
AJX0061	3	22.5	32.5	257	3.5
AJX0067	0.7	9	8.5	28	0.63
AJX0069	0.5	6.3	25	48	0.14
AJX0071	0.5	4.7	24	39.5	0.38

Code	Wire Ø mm	Outside Ø mm	Total coils	Length of coil mm	Force N/mm
AJX0072	0.6	6.3	21	49	0.4
AJX0074	0.6	7.7	16	36	0.25
AJX0076	1.2	8.3	15	51	4.4
AJX0077	0.9	9.3	15	37	0.83
AJX0079	1.2	9.4	13.5	47.5	3.2
AJX0080	1.6	12.3	8	38	6.6
AJX0082	1.2	13	9.5	44	2.2
AJX0084	1.2	11	14	37.5	2.1
AJX0085	1.4	15.8	12	38	1.3
AJX0087	0.8	5.8	17	47	1.9
AJX0089	1.6	15.5	10	48	2.9
AJX0090	0.9	7.8	16	38	1.41
AJX0092	0.8	7.7	14	42	0.9
AJX0094	0.6	6.3	19	50	0.36
AJX0095	1.2	7.9	16	37	5.2
AJX0096	1.2	9.5	15	38	2.7
AJX0098	0.8	6.3	12	35	2.4
AJX0099	0.6	9.7	16.5	44	0.12



WEBLOR WIRE SPRING - COMPRESSION - CONICAL

- Same specifications as above



Code	Wire Ø mm	Outside Ø mm	Total coils	Length of coil mm	Force N/mm
AJX0007	1.00	12.2/10.0	8	24.0	1.65

WEBLOR WIRE SPRING - COMPRESSION - BARREL



Code	Wire Ø mm	Outside Ø mm	Total coils	Length of coil mm	Force N/mm
AJX0012	1.20	10.0/16.0	13	48.0	1.00

WEBLOR WIRE SPRING - TORSION

- Torsion springs are often suited to situations where torque is applied from two directions, as they are designed to offer resistance to externally applied pressures
- Torsion refers to the twisting action of the coils
- These springs perform at a maximum when supported over a tube or rod
- As the torsion spring winds up, the coil diameter will decrease and the body length will increase

Code	Wire Ø mm	Outside Ø mm	Total coils
AJX0015	1.80	12.9	1.5



WEBLOR WIRE SPRING - TENSION

- Extension springs also known as tension springs are designed to absorb and store energy by creating a resistance to a pulling force
- All coils are active in these springs and it is the initial tension that holds the coil together tightly

Code	Wire Ø mm	Outside Ø mm	Total coils	Length of coil mm	Length (mm) between hooks	Force N/mm
AJX0001	0.5	3.5	82	41	-	0.28
AJX0002	0.9	6.5	55	49	61.6	0.67
AJX0003	0.8	6.2	67	54	64.6	0.39
AJX0004	1.0	8.2	56	57	67.5	0.47
AJX0005	1.6	12.8	21	34	55.4	2.2
AJX0006	1.0	9.6	33	33	50.5	0.48
AJX0008	1.4	11.5	25	35	55.5	1.6
AJX0009	1.6	11.6	32	51	69.1	2
AJX0010	1.2	10.3	47	52	67.1	0.6
AJX0011	1.2	9.7	40	48	66.0	0.83
AJX0027	1.6	12.7	41	65.6	88.5	1.2
AJX0028	2.5	19.0	12	30	51.5	7.1
AJX0029	1.2	11.1	64	78	88.5	0.32
AJX0030	1.2	12.2	62	75.5	98.0	0.25
AJX0031	2.8	17.9	8	21.6	45.0	22
AJX0034	2.7	18.6	6	16.2	39.2	22
AJX0036	1.0	8.0	74	75.5	85.0	0.38
AJX0038	1.2	7.1	137.5	151.5	160.0	0.45
AJX0040	1.8	17.0	60	108	126.0	0.5
AJX0042	2.5	13.3	50	125	143.0	6
AJX0044	2.0	17.5	63	126	-	0.65
AJX0046	1.2	16.0	96	105.6	123.0	0.06
AJX0050	1.2	12.0	75	82.5	167.0	0.22
AJX0051	0.9	8.7	65	58.5	100.0	0.22
AJX0052	1.2	11.4	50	60	134.0	0.39
AJX0053	1.8	13.9	45	81	100.0	1.3
AJX0062	1.6	12.9	134	214.5	242.0	0.34

Code	Wire Ø mm	Outside Ø mm	Total coils	Length of coil mm	Length (mm) between hooks	Force N/mm
AJX0063	2.3	18.0	39.5	93	250.0	1.7
AJX0064	3.0	19.7	54.5	166.5	193.9	3
AJX0066	1.6	9.5	25	40	51.0	0.17
AJX0068	1.2	7.6	33.5	37	50.0	2.3
AJX0070	0.8	7.8	46	37	53.2	0.25
AJX0073	1.4	10.0	20	28	45.0	3
AJX0075	0.7	6.0	35	25	36.0	0.46
AJX0078	1.2	8.0	28	31	46.0	2.3
AJX0081	0.7	4.5	47	33	41.0	0.9
AJX0083	0.8	5.6	50	40	50.0	0.75
AJX0086	0.9	5.0	44	39.5	48.0	2.1
AJX0088	1.0	9.7	28	28	46.0	0.53
AJX0091	0.9	7.2	53	48	-	0.48
AJX0093	0.5	6.3	93	47	57.0	0.04
AJX0097	1.2	9.5	29	35	52.0	1.5
AJX0100	1.0	12.0	37	39	50.0	0.2





WEBLOR WIRE SPRING - KIT - ASSORTED 150 PIECES

- Engineers service kit mixed springs





Code
AJX0200

BALL CHAIN

- Available in chrome and bras plated



Code	Size	Finish
KEL1200	3.2mm x 25m	Brass
KEL1210	3.2mm x 25m	Chrome

CHAIN JOINER

- Available in chrome and bras plated



Code	Size	Finish
KEL1500	3.2mm	Brass
KEL1510	3.2mm	Chrome

CHAIN CONNECTOR

- Available in chrome and bras plated



Code	Size	Finish
KEL1278	3.2mm	Brass

TWIST LINK CHAIN

- Galvanised finish



Code	Size
KEL1670	2mm x 30m
KEL1680	3mm x 30m
KEL1690	4mm x 30m

GENERAL PURPOSE CHAIN



- Electro plated short link chain
- Ideal for most DIY uses
- Do not use for lifting
- Following measurements are nominal

Code	Size	Inside Link Length	Outside Link Width	Inside Link Width	Length Per Bag
MCK0050	3mm	20mm	12mm	7mm	30m
MCK0065	4mm	20mm	15mm	7mm	30m
MCK0070	5mm	22mm	17mm	7mm	30m
MCK0075	6mm	25mm	20mm	8mm	30m
MCK0080	7mm	28mm	23mm	9mm	30m
MCK0085	8mm	32mm	26mm	10mm	30m
MCK0090	10mm	40mm	33mm	13mm	30m

WIRE ROPE CLAMP (CROSBY)

- Galvanised iron
- Cast Iron body - serrated to grip wire
- Used for securing end of wire cable
- Two nuts & bolts & casting secure cable



Code	Size
KEL1715	3mm
KEL1720	5mm
KEL1730	6.5mm
KEL1740	8mm
KEL1750	10mm
KEL1760	13mm
KEL1770	16mm
KEL1780	19mm

WIRE ROPE CLAMP

- Galvanised iron
- Cast Iron body - serrated to grip wire
- Used for securing end of wire cable
- Two nuts & bolts & casting secure cable



Code	Size
MAK79237	5.0mm 2 pc
MAK79244	6.5mm 2 pc
MAK79251	8.0mm 2 pc
MAK79268	10.0mm 2 pc
MAK79275	13.0mm 2 pc
MAK79282	16.0mm 2 pc

SNAP HOOK - ZINC PLATED

- Zinc plated iron rod material
- Spring closes the hook, keeps it closed
- Useful for quick connection of rope, chain, wire cables
- Use with shackles, eye bolts, turnbuckles



Code	Size
KEL2200	5x50mm
KEL2210	6x60mm
KEL2220	7x70mm
KEL2230	8x80mm
KEL2240	10x100mm
KEL2250	12x140mm

SNAP HOOK - ZINC PLATED

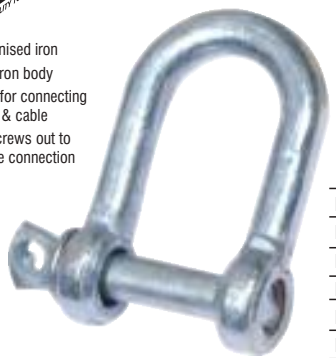
- Zinc plated iron rod material
- Spring closes the hook, keeps it closed
- Useful for quick connection of rope, chain, wire cables
- Use with shackles, eye bolts, turnbuckles



Code	Size
MAK79367	50mm 1 pc
MAK79374	60mm 1 pc
MAK79381	70mm 1 pc
MAK79398	80mm 1 pc
MAK79404	100mm 1 pc
MAK79411	140mm 1 pc

D-SHACKLE

- Galvanised iron
- Cast iron body
- Used for connecting chain & cable
- Pin screws out to enable connection



Code	Size
KEL1990	6.5mm
KEL2000	8mm
KEL2010	10mm
KEL2015	13mm
KEL2020	16mm
KEL2030	19mm

D-SHACKLE - GALVANISED

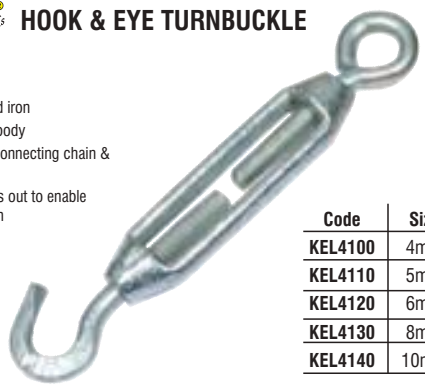
- Galvanised iron
- Cast iron body
- Used for connecting chain & cable
- Pin screws out to enable connection



Code	Size
MAK79305	6.5mm 1 pc
MAK79312	8.0mm 1 pc
MAK79329	10.0mm 1 pc
MAK79336	13.0mm 1 pc
MAK79343	16.0mm 1 pc
MAK79340	19.0mm 1 pc

HOOK & EYE TURNBUCKLE

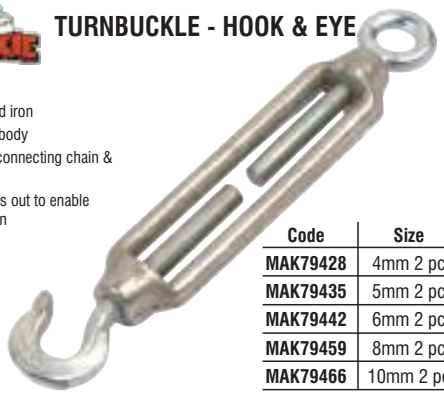
- Galvanised iron
- Cast iron body
- Used for connecting chain & cable
- Pin screws out to enable connection



Code	Size
KEL4100	4mm
KEL4110	5mm
KEL4120	6mm
KEL4130	8mm
KEL4140	10mm

TURNBUCKLE - HOOK & EYE

- Galvanised iron
- Cast iron body
- Used for connecting chain & cable
- Pin screws out to enable connection



Code	Size
MAK79428	4mm 2 pc
MAK79435	5mm 2 pc
MAK79442	6mm 2 pc
MAK79459	8mm 2 pc
MAK79466	10mm 2 pc

EYEBOLT

- Eye on one side with threads and a nut on the other side
- Used for tightening up rope, wire and cable



Code	Size
KEL0500	5x50mm
KEL0520	5x75mm
KEL0524	6x64mm
KEL0527	6x75mm
KEL0530	6x100mm
KEL0540	6x150mm
KEL0565	8x75mm
KEL0570	8x100mm
KEL0580	8x125mm
KEL0590	8x150mm

Code	Size
KEL0610	10x100mm
KEL0620	10x125mm
KEL0630	10x150mm
KEL0640	10x200mm
KEL0650	12x150mm
KEL0655	12x200mm
KEL0660	12x250mm
KEL0665	12x300mm

EYE BOLTS - GALVANISED

- Eye on one side with threads and a nut on the other side
- Used for tightening up rope, wire and cable



Code	Size
MAK79008	5 x 50mm 2pc
MAK79015	5 x 60mm 2pc
MAK79022	5 x 75mm 2pc
MAK79039	6 x 64mm 2pc
MAK79046	6 x 75mm 2pc
MAK79053	6 x 100mm 2pc
MAK79060	6 x 150mm 2pc
MAK79077	8 x 75mm 2pc
MAK79084	8 x 100mm 2pc
MAK79091	8 x 150mm 2pc

Code	Size
MAK79107	10 x 100mm 2pc
MAK79114	10 x 125mm 2pc
MAK79121	10 x 150mm 2pc
MAK79138	10 x 200mm 2pc
MAK79145	12 x 150mm 2pc
MAK79152	12 x 200mm 2pc
MAK79169	12 x 250mm 2pc

U-BOLT

- Curved steel rod with threaded ends on both sides
- Fitted with nuts to tighten up
- Used on curved objects which have to be held firm



Code	Size
KEL1100	5x30mm
KEL1110	6x30mm
KEL1115	8x40mm
KEL1120	8x45mm
KEL1125	8x50mm
KEL1130	8x65mm

U-BOLTS - GALVANISED

- Curved steel rod with threaded ends on both sides
- Fitted with nuts to tighten up
- Used on curved objects which have to be held firm



Code	Size
MAK79176	5 x 30mm 2pc
MAK79183	6 x 30mm 2pc
MAK79190	8 x 40mm 2pc
MAK79206	8 x 45mm 2pc
MAK79213	8 x 50mm 2pc
MAK79220	8 x 65mm 2pc

EYE RAWLBOLT

- Eye rawlbolt uses the shield from the World's most popular all purpose expanding shield anchor
- For use in all solid materials for secure, hole tolerant, fixing
- Zinc plated and passivated for corrosion resistance
- For use in Concrete, Brick and Stone



Code	Size	Bolt Size	Drill Size	Pack
RAW0215	M6E	6 x 82	12mm	Box 25
RAW0220	M8E	8 x 95	14mm	Box 25
RAW0225	M10E	10 x 125	16mm	Box 25
RAW0300	M5E	5 x 74	9mm	2/Card
RAW0310	M8E	8 x 95	14mm	2/Card

HOOK RAWLBOLT

- Hook rawlbolt uses the shield from the World's most popular all purpose expanding shield anchor
- For use in all solid materials for secure, hole tolerant, fixing
- Zinc plated and passivated for corrosion resistance
- For use in Concrete, Brick and Stone



Code	Size	Bolt Size	Drill Size	Pack
RAW0325	M6H	6 x 82	12mm	Box 25
RAW0330	M8H	8 x 95	14mm	Box 25
RAW0335	M10H	10 x 125	16mm	Box 25
RAW0360	M5H	5 x 74	9mm	2/Card

ANCHOR BOLTS

- Used for anchoring items into brick or concrete walls



Code	Size	Drill
MTS1770	5x50mm	9mm
MTS1772	6x55mm	12mm
MTS1774	8x65mm	14mm
MTS1776	10x75mm	16mm
MTS1778	12x105mm	20mm
MTS1780	16x135mm	25mm

RAWLBOLTS



- World's most popular all purpose expanding shield anchor
- For use in all solid materials for secure, hole tolerant, fixing
- Zinc plated and passivated for corrosion resistance
- Neat hex head for clean external appearances
- For use in Concrete, Brick and Stone

Code	Size	Bolt Size	Drill Size
RAW0700	M5	5 x 50	9mm
RAW0705	M6	6 x 55	12mm
RAW0710	M8	8 x 65	14mm
RAW0715	M10	10 x 75	16mm
RAW0720	M12	12 x 105	20mm
RAW0725	M16	16 x 150	25mm
RAW0730	M20	20 x 195	32mm

PLASTIC WALL PLUGS

- Grey plastic wall plug
- Use wood screws or self-tapping screws



Code	Size	Ref.
TRU4000	5 x 35mm	P5
TRU4010	6 x 40mm	P6
TRU4020	7 x 40mm	P7
TRU4030	8 x 55mm	P8
TRU4040	10 x 70mm	P10
TRU4050	12 x 80mm	P10

SCREW PLUG

- Fixes screws in brick walls, plaster, cement, and enlarged holes in wood



Code	Size
ELC0800	25g
ELC0820	85g

NYLON NAIL-IN ANCHOR

- Nylon body wall anchor with steel nail
- For fixing light weight fastenings to wall

Part No.	Size	Hole	Min Depth	Fix Material
MTS1680	5x36mm	5mm	25mm	6mm
MTS1682	5x45mm	5mm	25mm	6mm
MTS1684	6x35mm	6mm	25mm	6mm
MTS1686	6x55mm	6mm	30mm	25mm
MTS1688	6x70mm	6mm	35mm	35mm
MTS1690	8x60mm	8mm	45mm	45mm
MTS1692	8x80mm	8mm	45mm	45mm
MTS1694	8x100mm	8mm	50mm	50mm
MTS1696	8x120mm	8mm	50mm	50mm



NYLON NAIL-IN ANCHOR

- Nylon body wall anchor with steel nail
- For fixing light weight fastenings to wall

Code	Size	Hole	Min Depth	Fix Material
TRU5000	5x36mm	5mm	25mm	6mm
TRU5005	5x45mm	5mm	25mm	6mm
TRU5010	6x35mm	6mm	25mm	6mm
TRU5020	6x55mm	6mm	30mm	25mm
TRU5030	6x70mm	6mm	35mm	35mm
TRU5040	8x60mm	8mm	45mm	45mm
TRU5050	8x80mm	8mm	45mm	45mm
TRU5060	8x100mm	8mm	50mm	50mm
TRU5070	8x120mm	8mm	50mm	50mm

HOSE CLAMPS

- "GM" Series econ clamp consists of a zinc electroplated steel housing and a case hardened 6 mm Hex Head screw with a 300 series stainless steel 8 mm band
- "GM" Series is ideally suited for automotive applications

- "GS" Series composite fixed bridge clamp consists of a zinc electroplated steel housing and a case hardened screw with a stainless steel 12mm band
- "GS" series is ideally suited for automotive applications



Code	Size/Ref
USC0004	4-12mm/GM4
USC0005	6-17mm/GM4
USC0010	10-22mm/GM6
USC0012	15-27mm/GM7
USC0015	14-27mm/GS8
USC0020	14-32mm/GS12
USC0025	17-38mm/GS16
USC0030	19-44mm/GS20
USC0035	25-51mm/GS24
USC0040	32-57mm/GS28
USC0045	38-63mm/GS32
USC0050	44-70mm/GS36
USC0055	51-76mm/GS40
USC0060	57-82mm/GS44
USC0065	70-95mm/GS52
USC0070	76-102mm/GS56
USC0075	82-108mm/GS60
USC0080	89-114mm/GS64
USC0085	102-127mm/GS72
USC0090	114-140mm/GS80
USC0095	121-146mm/GS84
USC0100	127-152mm/GS88

HOSE CLAMPS

- Universal hose clamps suitable for all hose diameters from 4-76 Ø
- Hardened hex screw head for additional tension by spanner
- Zinc electroplated steel finish to prevent corrosion



Code	Size
MAK79473	4-12mm 2 pc
MAK79480	6-17mm 2 pc
MAK79497	10-22mm 2 pc
MAK79510	14-27mm 2 pc
MAK79527	14-32mm 2 pc

Code	Size
MAK79534	17-38mm 2 pc
MAK79541	19-44mm 2 pc
MAK79558	25-51mm 2 pc
MAK79565	32-57mm 2 pc
MAK79589	44-70mm 2 pc
MAK79596	51-76mm 2 pc

CONCRETE NAILS - STEEL

- Superior European quality steel nails
- Fast penetrating and virtually shatterproof
- Head shape prevents hammer slide and gives a neat flush fixing
- Zinc plated and passivated for corrosion resistance
- For use in Concrete, Brick, Battening and boarding
- Finish bright zinc



Code	Size
RAW0125	M3 x 25
RAW0130	M3 x 30
RAW0140	M3 x 40
RAW0150	M3 x 50
RAW0160	M3 x 60
RAW0170	M3 x 70
RAW0180	M3 x 80

CUP HOOKS - SCREW IN - 067

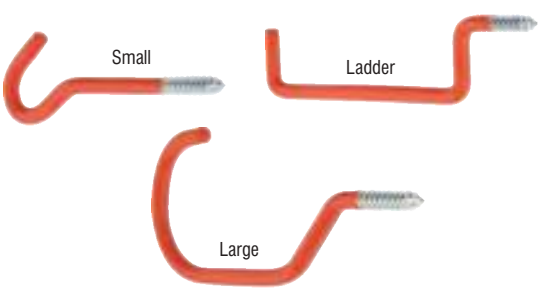
- Mild steel PVC coated
- Pack 5



Code	Pack
PER2067	5 pack

STORAGE HOOKS

- Galvanised 'U' shaped hooks with tough vinyl dip coating
- Strong and versatile with hundreds of uses
- Integral screw for easy installation



Code	Size	Finish
MAK11145	Small - 2pce	Plated
MAK11121	Ladder - 2pce	Plated
MAK11138	Large - 2pce	Plated

UTILITY HOOK

- Galvanised 'U' shaped hook with tough vinyl dip coating
- Strong and versatile with hundreds of uses
- Integral screw for easy installation



Code	Finish
MAK11152	Plated

SINGLE COAT HOOKS

- Manufactured from die cast zinc where corrosion is not a problem
- Brass or chrome plated
- Supplied with the requisite size and amount of fastenings



Code	Size	Size
MAK07681	40mm	Brass Plated
MAK06578	40mm	Chrome Plated

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

ROBE HOOK

- Precision cast from solid brass
- Pre-drilled & countersunk fixing holes
- Supplied with the requisite size and amount of fasteners

Code	Size	Finish
MAK11770	Double	Solid Brass
MAK11763	Single	Solid Brass



ROBE HOOK - DOUBLE

- Manufactured from Die cast Zinc where corrosion is not a problem or where price competitiveness is of concern
- Supplied with the requisite size and amount of fastenings

Code	Size	Finish
MAK50618	40mm	Brass Plated
MAK24473	40mm	Chrome Plated



HAT & COAT HOOK

- Precision cast from solid brass
- Pre-drilled & countersunk fixing holes

Code	Size	Finish
MAK11787	150mm	Solid Brass



HAT & COAT HOOKS

- Manufactured from Die cast Zinc where corrosion is not a problem or where price competitiveness is of concern
- Supplied with the requisite size and amount of fastenings

Code	Size	Finish
MAK50595	127mm	Brass Plated
MAK52544	127mm	Chrome Plated



HAT & COAT HOOKS

- Manufactured from Die cast Zinc where corrosion is not a problem or where price competitiveness is of concern
- Supplied with the requisite size and amount of fastenings

Code	Size	Finish
MAK07674	100mm	Brass Plated
MAK06561	100mm	Chrome Plated



HAT & COAT HOOKS

- Manufactured from Die cast Zinc where corrosion is not a problem or where price competitiveness is of concern
- Supplied with the requisite size and amount of fastenings

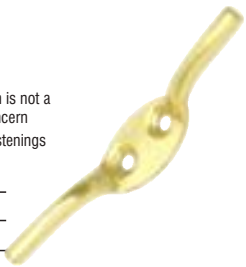
Code	Size	Finish
MAK51660	150mm	Brass Plated
MAK50601	150mm	Chrome Plated



CLEAT HOOKS

- Manufactured from Die cast Zinc where corrosion is not a problem or where price competitiveness is of concern
- Supplied with the requisite size and amount of fastenings

Code	Size	Finish
MAK24435	85mm	BMA
MAK51639	85mm	Brass Plated
MAK51646	85mm	Chrome Plated



CLEAT HOOK - SOLID BRASS

- Manufactured from solid brass for areas of high corrosion
- Supplied with the requisite size and amount of fastenings

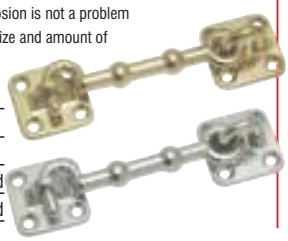
Code	Size	Finish
MAK13538	85mm	Polished Brass



CABIN HOOKS

- Manufactured from Die cast Zinc where corrosion is not a problem
- Cabin Hooks are supplied with the requisite size and amount of fastenings

Code	Size	Finish
MAK06523	100mm	Brass Plated
MAK06530	150mm	Brass Plated
MAK06547	100mm	Chrome Plated
MAK06554	150mm	Chrome Plated



CABIN HOOKS - SOLID BRASS

- Manufactured from Solid Brass for areas of high corrosion
- Cabin Hooks are supplied with the requisite size and amount of fastenings

Code	Size
MAK50571	76mm
MAK53527	100mm
MAK53541	150mm



CABIN HOOKS - SOLID BRASS - CHROME PLATED

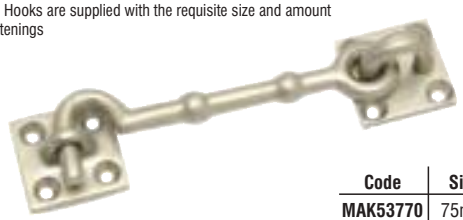
- Manufactured from Solid Brass for areas of high corrosion
- Cabin Hooks are supplied with the requisite size and amount of fastenings



Code	Size
MAK53534	100mm
MAK53558	150mm

CABIN HOOKS - SOLID BRASS SATIN CHROME PLATED

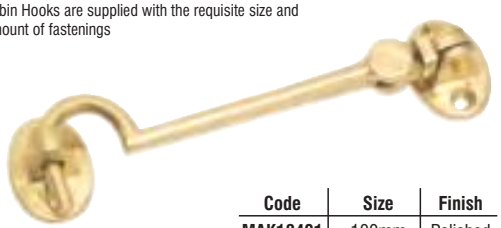
- Manufactured from Solid Brass for areas of high corrosion
- Cabin Hooks are supplied with the requisite size and amount of fastenings



Code	Size
MAK53770	75mm
MAK53787	100mm
MAK53794	150mm

CABIN HOOK - DOUBLE SWIVEL

- Manufactured from Solid Brass for areas of high corrosion
- Cabin Hooks are supplied with the requisite size and amount of fastenings



Code	Size	Finish
MAK13491	100mm	Polished
MAK13507	150mm	Polished

BUTT HINGE - B/S

- A hinge suited for internal doors and cupboard doors
- Ideal for security gates which are painted after construction



Code	Size
HWI2000	25mm
HWI2010	50mm
HWI2015	65mm
HWI2020	75mm
HWI2025	100mm

BUTT HINGES - STEEL

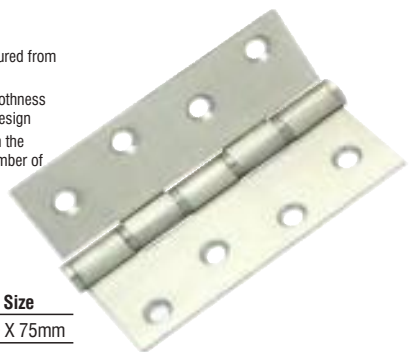
- Manufactured from steel
- Supplied in pairs with the requisite size and number of fastenings
- Finish – self colour



Code	Size
MAK53480	25 x 19mm
MAK06035	38 x 22mm
MAK04956	50 x 29mm
MAK04963	64 x 35mm
MAK04970	75 x 41mm
MAK04987	100 x 75mm

HINGE - BRUSHED STAINLESS STEEL

- Hinges are manufactured from 304 Stainless Steel
- Offer unequaled smoothness unique Ball bearing design
- Supplied in pairs with the requisite size and number of fastenings



Code	Size
MAK28495	100 X 75mm

BUTT HINGE - B/P

- A hinge suited to indoor applications
- Suitable for hanging interior doors, cupboard and wardrobe doors



Code	Size
HWI2050	25mm
HWI2060	50mm
HWI2075	100mm

BUTT HINGES - BRASS PLATED

- Manufactured from steel and brass plated for superior corrosion resistance and aesthetic appeal
- Supplied in pairs with the required fastenings



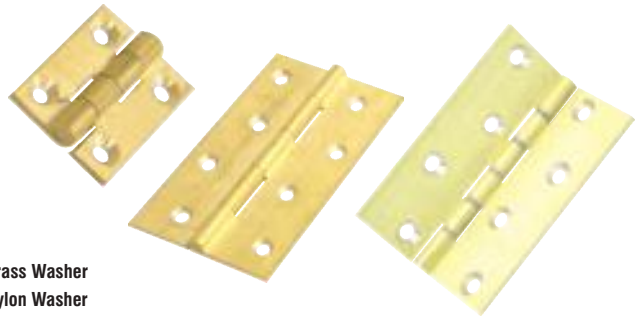
Code	Size
MAK53503	25 x 19mm
MAK06011	38 x 22mm
MAK03713	50 x 29mm
MAK03720	64 x 29mm
MAK06028	75 x 41mm
MAK03737	100 x 75mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

BUTT HINGES - SOLID BRASS

- Extruded from high quality brass
- Can also be supplied with double nylon washers or double brass washers
- Supplied in pairs with the requisite size and amount of solid brass screws
- Finish - unpolished

Code	Size	
MAK52483	25 x 19mm	
MAK53725	38 x 22mm	
MAK50854	63 x 35mm	
MAK51929	50 x 29mm	
MAK04369	75 x 41mm	
MAK04376	100 x 60mm	
MAK09326	100 x 75mm	Brass Washer
MAK09333	100 x 75mm	Nylon Washer



LOOSE PIN BUTT HINGE

- Manufactured from Mild Steel



Code	Size	Finish
HWI2027	100mm	Bright Steel

PARLIAMENT HINGE - SMALL

- Manufactured from mild steel
- Used for manufacture of steel security gates
- Must be welded to gate



Code	Size	Finish
HWI1270	70mm	Bright Steel

HEAVY DUTY DOOR HINGE

- Manufactured from mild steel



Code	Size	Finish
HWI1240	64mm	Bright Steel

BULLET HINGE - MILD STEEL

- Manufactured from mild steel
- Used for manufacture of steel security gates
- Must be welded to gate



Code	Size
HWI2100	50x10mm
HWI2105	70x12mm
HWI2110	70x16mm
HWI2115	70x20mm
HWI2120	100x20mm
HWI2125	100x25mm
HWI2130	120x30mm

BACK FLAP HINGE

- Manufactured from Mild Steel
- Electro Galvanised to prevent Rust
- Also called Square Hinges



Code	Size
HWI1900	38mm
HWI1910	50mm

BACK FLAP HINGE

- Manufactured from mild
- Corners are rounded
- Fixing holes countersunk for flush finish



Code	Size	Finish
MAK03171	32mm	Antique Copper

SINKLESS HINGE

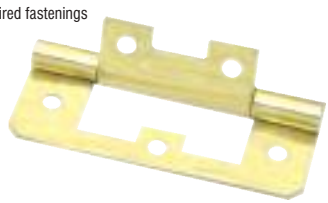
- Manufactured from Mild Steel
- Also called Flush Hinges



Code	Size	Finish
HWI2205	65mm	B/S
HWI2210	75mm	B/S
HWI2230	50mm	B/P
HWI2235	65mm	B/P
HWI2245	100mm	B/P

FLUSH HINGES

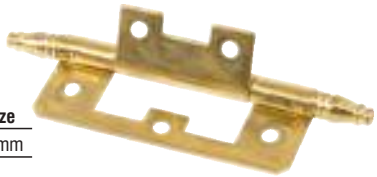
- Flush hinges are manufactured from mild steel and are brass plated for superior corrosion resistance and aesthetic appeal
- Supplied in pairs with the required fastenings



Code	Size
MAK03133	50mm
MAK03140	64mm
MAK06004	100mm

FLUSH HINGE WITH FINIAL

- Flush hinges are manufactured from mild steel and are brass plated for superior corrosion resistance and aesthetic appeal
- Supplied in pairs with the required fastenings



Code	Size
MAK03805	64mm

EASY FIT HINGES

- Designed to take the guesswork out of cabinetry, even if you're not a carpenter
- Manufactured from mild steel and brass plated for superior corrosion resistance and aesthetic appeal
- Supplied in pairs with the required fastenings



Code	Size
MAK03157	55mm
MAK03164	64mm

SELF CLOSE HINGES

- Manufactured from mild steel
- Five Knuckled which affords them greater strength
- Supplied in pairs with the required fastenings
- Powder coated



Code	Description
MAK04284	White/Gold
MAK04291	Brass Plated
MAK06042	Antique Copper
MAK10063	Antique Brass

SCREEN DOOR HINGE

- Manufactured from steel
- Powder Coated for superior rust resistance
- Supplied in pairs with the requisite size and number of fastenings



Code	Size
MAK06141	76mm

PIANO HINGE

- Brass plated
- Sold in coils or single lengths



Code	Size
HWI2150	30m Coil
HWI2155	3.5m Length

CONCEALED HINGE - STRAIGHT

- Concealed hinges are supplied in the industry
- Hole centres are the same as the industry standard for ease of retro-fitting
- Supplied with the required fastenings
- Material steel
- Chrome plated



Code	Size	Description
MAK02679	110mm x 0°	Straight

CONCEALED HINGES - OFFSET

- Concealed hinges are supplied in the industry
- Hole centres are the same as the industry standard for ease of retro-fitting
- Supplied with the required fastenings
- Material steel
- Chrome plated



Code	Size	Description
MAK02686	110mm x 10°	Offset 110°

TEE HINGE

- Manufactured from Mild Steel
- Finish: black



Code	Size
HWI2400	100mm
HWI2405	150mm
HWI2410	200mm
HWI2415	250mm
HWI2420	300mm
HWI2423	350mm

TEE HINGE - BLACK JAPAN

- Manufactured from steel
- Powder Coated Black for superior rust resistance
- Supplied in pairs with the requisite size and number of fastenings



Code	Size
MAK06103	102mm
MAK04994	200mm
MAK05007	250mm
MAK21601	150mm
MAK06110	300mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

TEE HINGE - GALVANISED



- Manufactured from steel
- Galvanised for superior rust resistance
- Supplied in pairs with the requisite size and number of fastenings

Code	Size
MAK06066	102mm
MAK53244	150mm
MAK06073	200mm
MAK06080	250mm
MAK06097	300mm

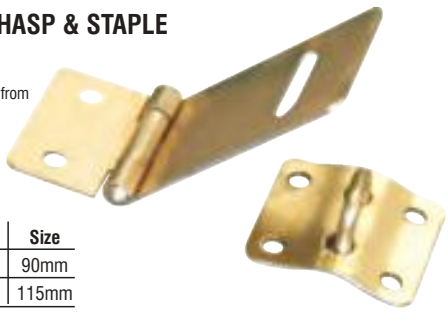
HOOK & BAND HINGE GALVANISED



- Manufactured from Steel
- Galvanised for superior rust resistance
- Supplied individually with the strap and Hook
- Do not come with fastenings as there are many different methods of installing them

Code	Size
MAK13781	300mm
MAK13798	350mm

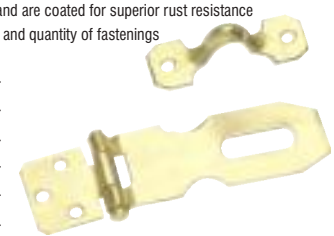
HASP & STAPLE



- Manufactured from mild steel
- Brass plated

Code	Size
HWI1720	90mm
HWI1722	115mm

HASP & STAPLES - BRASS PLATED



- Manufactured from Mild Steel and are coated for superior rust resistance
- Supplied with the requisite size and quantity of fastenings

Code	Size
MAK23124	55mm
MAK23131	75mm
MAK23148	90mm
MAK23155	115mm
MAK23162	152mm

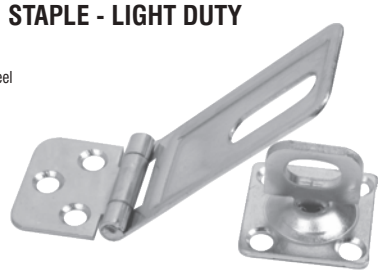
HASP & STAPLE - LIGHT DUTY



- Manufactured from mild steel
- Brass Plated

Code	Size
HWI1780	55mm
HWI1785	75mm

HASP & STAPLE - LIGHT DUTY



- Manufactured from mild steel
- Galvanised

Code	Size
HWI1800	55mm
HWI1805	75mm
HWI1810	90mm
HWI1815	115mm

HASK & STAPLE - WIRE



- Manufactured from mild steel
- Black Japan finish

Code	Size
HWI1830	65mm
HWI1835	100mm

HASP & STAPLE - LIGHT DUTY



- Manufactured from mild steel
- Black Japan finish

Code	Size
HWI1750	55mm
HWI1755	75mm

HASP & STAPLE



- Manufactured from mild steel
- Black Japan finish

Code	Size
HWI1700	90mm
HWI1705	115mm
HWI1710	152mm

HASP & STAPLE - GALVANISED



- Manufactured from Mild Steel and are coated for superior rust resistance
- Supplied with the requisite size and quantity of fastenings

Code	Size
MAK50267	55mm
MAK50304	75mm
MAK50311	90mm
MAK06158	114mm
MAK06165	152mm

SWIVEL LOCKING BAR

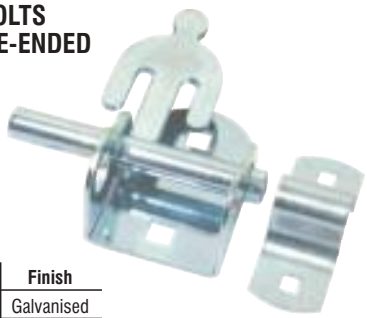
- Manufactured from Mild Steel and are coated
- for superior rust resistance
- Supplied with the requisite size and quantity of fastenings



Code	Size	Finish
MAK53602	200mm	Galvanised

PAD BOLTS DOUBIE-ENDED

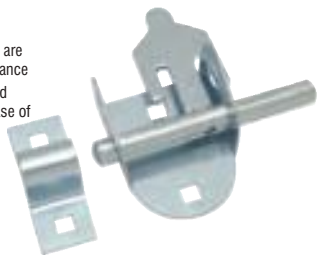
- Manufactured from Mild Steel
- Sliding Shoot has a diameter of 12mm
  Can be locked in the Left or Right position
  Can be locked with a Pad Lock



Code	Size	Finish
HWI1035	100mm	Galvanised

OVAL PAD BOLTS

- Manufactured from Mild Steel and are Galvanised for superior rust resistance
- Supplied with the requisite size and amount of fastenings to ensure ease of purchase and installation

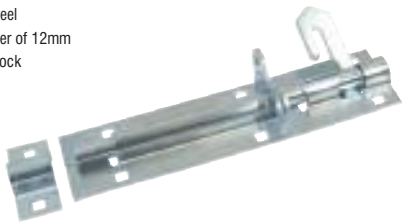


Code	Size
MAK05434	102mm

PAD BOLT - GALVANISED

- Manufactured from mild steel
- Sliding shoot has a diameter of 12mm
- Can be locked with a pad lock

Code	Size
HWI1070	100mm
HWI1075	150mm
HWI1080	200mm
HWI1085	250mm



BARREL BOLT - GALVANISED

- Manufactured from Mild Steel
- Sliding Shoot has a diameter of 12mm
- Galvanised to prevent rust
- Unable to lock with a Pad Lock

Code	Size
HWI1025	75mm
HWI1027	100mm
HWI1028	113mm
HWI1029	150mm



BARREL BOLT

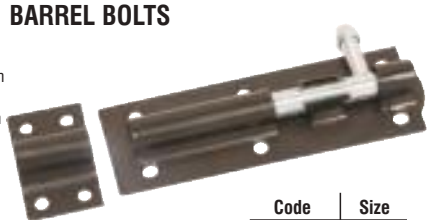
- Manufactured from mild steel with Black Japan finish
- Sliding shoot has a diameter of 12mm
- Galvanised to prevent rust
- Unable to lock with a pad lock

Code	Size
HWI1005	75mm
HWI1010	100mm
HWI1015	150mm
HWI1020	200mm



BARREL BOLTS

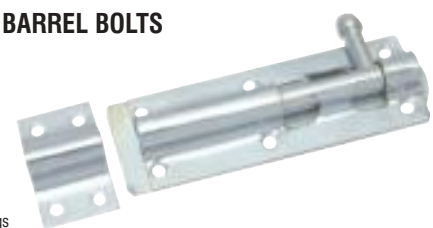
- Manufactured from Mild Steel
- Black Japan Finish
- Supplied with the requisite size and amount of fastenings to ensure ease of purchase and installation



Code	Size
MAK05427	100mm
MAK06127	152mm

BARREL BOLTS

- Manufactured from Mild Steel and are galvanised for superior rust resistance
- Supplied with the requisite size and amount of fastenings to ensure ease of purchase and installation

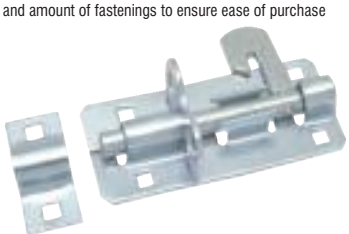


Code	Size
MAK06172	102mm

PAD BOLTS - GALVANISED

- Manufactured from Mild Steel and are Galvanised for superior rust resistance
- Supplied with the requisite size and amount of fastenings to ensure ease of purchase and installation

Code	Size
MAK21960	100mm
MAK19226	150mm
MAK21977	200mm
MAK21984	250mm



BARREL BOLTS - STRAIGHT - SOLID BRASS - CHROME PLATED

- Manufactured from Solid Brass
- Supplied with the correct quantity and size fastenings

Code	Size
MAK06455	50mm
MAK05571	64mm
MAK06479	75mm
MAK05595	100mm
MAK06493	150mm

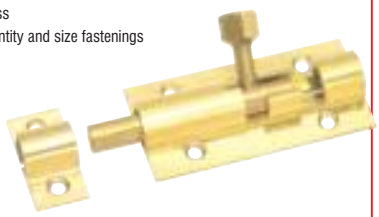


AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

BARREL BOLTS - STRAIGHT - SOLID BRASS

- Manufactured from Solid Brass
- Supplied with the correct quantity and size fastenings

Code	Size
MAK06394	50mm
MAK03751	64mm
MAK06417	75mm
MAK03775	100mm
MAK06431	150mm



BARREL BOLTS - NECKED - SOLID BRASS - CHROME PLATED

- Manufactured from Solid Brass
- Supplied with the correct quantity and size fastenings

Code	Size
MAK06462	50mm
MAK05588	64mm
MAK06486	75mm
MAK05601	100mm



BARREL BOLT NECKED - SOLID BRASS

- Manufactured from Solid Brass
- Supplied with the correct quantity and size fastenings

Code	Size
MAK06400	50mm
MAK03768	64mm
MAK06424	75mm
MAK04420	100mm



BOLT & STOP - CHROME PLATED

- Manufactured from steel

Code
MAK02952



OPEN SLIDE BOLTS - SOLID BRASS

- Slide bolts are manufactured from Solid Brass
- Supplied with the correct quantity and size fastenings

Code	Size
MAK19714	150mm
MAK18908	200mm





OPEN SLIDE BOLTS - SATIN CHROME PLATED

- Slide bolts are manufactured from Solid Brass
- Supplied with the correct quantity and size fastenings

Code	Size
MAK30672	150mm
MAK23100	200mm



LEVER FLUSH BOLTS

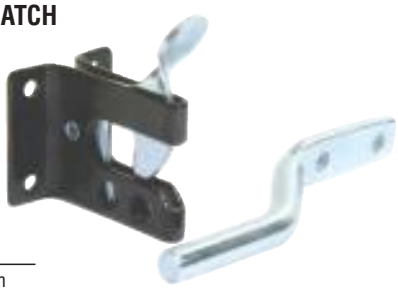
- Manufactured from stainless steel to the highest standards to withstand the rigors of the South African environment

Code	Size	Finish
MAK27030	150 x 20mm	Brass Plate
MAK28501	150 x 20mm	Brushed Stainless Steel

GATE LATCH

- Manufactured from mild steel
- Black finish with galvanised striker catch and bar

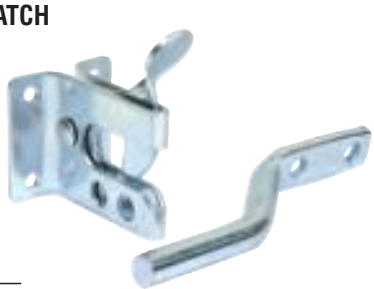
Code	Size
HWI1650	75mm



GATE LATCH

- Manufactured from mild steel
- Galvanised finish for superior rust resistance

Code	Size
HWI1655	75mm



AUTO GATE LATCH

- Manufactured from Mild Steel and are Galvanised for superior rust resistance
- Supplied with the requisite size and amount of fastenings to ensure ease of purchase and installation

Code	Size
MAK06196	127mm



TOGGLE CATCH

- Manufactured from steel
- Galvanised



Code	Size
MAK03782	Small
MAK06233	Large

CHEST HANDLE

- Manufactured from mild steel
- Black Japan finish



Code	Size
HWI1505	100mm

BOXED HANDLE

- Manufactured from mild steel
- Black Japan finish



Code	Size
HWI1150	100mm

GARAGE HANDLE - GALVANISED

- Manufactured from mild steel
- Galvanised finish for superior rust resistance



Code	Size
HWI1645	185mm

CORNER BRACKET

- Manufactured from mild steel
- Galvanised finish for superior rust resistance



Code	Size
HWI1220	25x25mm
HWI1225	50x50mm
HWI1226	63x63mm
HWI1230	75x75mm
HWI1235	100x100mm

CORNER BRACKETS

- Manufactured from mild steel
- Bright steel finish



Code	Size
HWI1200	25x25mm
HWI1205	50x50mm
HWI1210	75x75mm
HWI1212	63x63mm
HWI1215	100x100mm

CORNER BRACKETS

- Manufactured from steel
- Galvanised



Code	Size
MAK03799	50 x 50mm
MAK05311	75 x 75mm
MAK06202	100 x 100mm

CORNER BRACKETS - PLASTIC

- Rigid PVC construction
- Locating holes and slots
- Braced corners for strength



Code	Size
MAK53756	ADJ Extra Large
MAK53619	Large

CORNER BLOCKS & CAPS - PLASTIC

- Rigid PVC construction
- Fixing holes are countersunk
- Snap-in lids for a clean aesthetic finish



Code	Descr
MAK06264	White
MAK06271	Brown

CORNER IRON

- Manufactured from Mild Steel Also called Flat Corner Braces
- Electro galvanized to prevent rust



Code	Size
HWI1600	50x50mm
HWI1610	75x75mm
HWI1615	100x100mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

CORNER BRACKET - FLAT

- Manufactured from steel
- Galvanised
- 4 hole plate



Code	Size
MAK19219	75 x 75mm
MAK19776	100 x 100mm

T-BRACE - GALVANISED

- Manufactured from steel



Code	Size
HWI2570	75x75mm
HWI2575	100x100mm

TEE BRACE - GALVANISED

- Manufactured from steel



Code	Size
MAK06219	76x76mm
MAK19783	100x100mm

MENDING BRACE

- Manufactured from steel



Code	Size
HWI2520	100x19mm
HWI2525	150x19mm
HWI2530	200x22mm

HANGING PLATE - GALVANISED

- Manufactured from steel



Code	Size
MAK13439	38mm

SHELF BRACKETS

- Manufactured from mild steel
- Black finish



Code	Size
HWI1300	100x125mm
HWI1305	125x150mm
HWI1310	150x200mm
HWI1315	200x250mm
HWI1320	250x300mm
HWI1325	300x350mm

SHELF BRACKETS

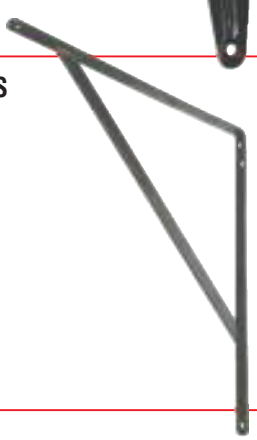
- Manufactured from mild steel
- White finish



Code	Size
HWI1390	100x125mm
HWI1400	150x200mm
HWI1405	200x250mm
HWI1410	250x300mm
HWI1415	300x350mm

SHELF BRACKETS - WITH STAY

- Manufactured from mild steel
- Braced for extra strength
- Black finish



Code	Size
HWI1460	300x350mm
HWI1465	350x400mm
HWI1470	400x450mm

WALL BAND - DOUBLE SLOT



Code	Size
HWI2700	588mm
HWI2705	905mm
HWI2710	1223mm
HWI2715	1508mm
HWI2720	1825mm
HWI2725	2111mm
HWI2730	2427mm

- Pressed and pre-punched from mild steel
- Powder coated cream
- Suits wall brackets

WALL BRACKET - LEFT HAND

- Heavy duty bracket
- 3 hooks for extra strength
- Powder coated

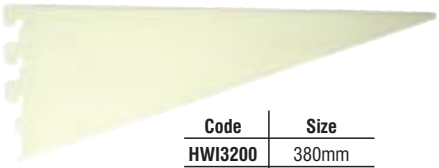


Code	Size
HWI3100	230mm
HWI3110	305mm

Code	Size
HWI3120	380mm
HWI3130	450mm
HWI3140	533mm
HWI3150	610mm

WALL BRACKET - RIGHT HAND

- Heavy duty bracket
- 3 hooks for extra strength
- Powder coated



Code	Size
HWI3180	230mm
HWI3190	305mm

Code	Size
HWI3200	380mm
HWI3210	450mm
HWI3220	533mm
HWI3230	610mm

UNIVERSAL SHELF SUPPORT - WHITE

- Insert shelf support
- Rigid PVC stud with hardened steel pin



Code
MAK02914

UNIVERSAL SHELF SUPPORT - CLEAR

- Insert shelf support
- Rigid PVC stud with hardened steel pin



Code
MAK02853

SHELF NAILS - STEEL/PLASTIC

- Rigid PVC shelf supports with hardened steel nail
- Available in brown or white



Code	Finish
MAK02884	Brown
MAK02891	White

STUDS & SOCKETS - BOOKCASE

- Traditional shelf supports
- Easily movable
- Manufactured from steel



Code	Size	Finish
MAK02723	Studs only	Brass Plated
MAK02730	Sockets only	Brass Plated
MAK09524	Studs & Sockets	Brass Plated

BOOKCASE CLIPS - GALVANISED

- Traditional shelf supports
- Easily movable
- Manufactured from steel



Code	Pack
HWI1120	100/pack

RAISED BOOKCASE STRIP - GALVANISED

- Pre-formed and punched shelf strips to suit HWI1120 Clips
- Shelf heights are fully adjustable
- Clean, aesthetic finish



Code	Size
HWI1125	2100mm

DOUBLE ROLLER CATCH - CHROME PLATED

- Manufactured from steel
- Supplied with all the requisite fixtures



Code	Pack
MAK03744	2 Pack
MAK04307	6 Pack

MAGNETIC CATCH - PLASTIC

- Strong magnets
- Supplied with all the requisite fixtures



Code	Finish
MAK02983	Brown
MAK02990	White

ELBOW CATCH - BRASS PLATED

- Manufactured from steel
- Supplied with all the requisite fixtures



Code
MAK02969

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

GRIPPER CATCH - PLASTIC WHITE

- 2 part PVC catch for lightweight applications
- Supplied with all the requisite fixtures



Code
MAK02976

GLASS PLATE - SLOTTED

- Manufacture from steel
- Supplied with all the requisite fixtures



Code	Size	Finish
MAK02860	32mm	Brass Plated
MAK06226	38mm	Brass Plated

MIRROR CORNERS

- Manufacture from steel
- Supplied with all the requisite fixtures



Code	Size	Finish
MAK02877	6mm	Nickel Plated
MAK09975	5mm	Brass Plated

OVAL ROD SOCKET

- Manufactured from rigid PVC
- Designed to suit oval formed extruded aluminium clothes rails
- Fastening holes are countersunk
- Supplied with the requisite size and amount of fittings
- Supplied in singles



Code
MAK03126

TOWEL RAIL - FLANGE BRACKET

- Fittings are supplied to fit 19mm tube
- Fittings are supplied with the requisite size and amount of fittings



Code	Size
MAK06790	19mm / Pair

TOWEL RAIL BRACKET

- Fittings are supplied to fit 19mm tube
- Closed end
- Fittings are supplied with the requisite size and amount of fittings



Code	Size
MAK05410	19mm

TOWEL RAIL - THRU BRACKET

- Fittings are supplied to fit 19mm tube
- Bracket is open to allow rod to pass through
- Fittings are supplied with the requisite size and amount of fittings



Code	Size
MAK06806	19mm / Pair

CUPBOARD VENT - WHITE

- Rigid PVC construction
- Fittings are supplied with the requisite size and amount of fittings
- Supplied in a pack of 4



Code	Size
MAK06295	68mmØ

DRAWER RUNNERS

- Manufactured from steel
- Durable nylon wheels
- Supplied as a complete set to suit one drawer (left & right runners)
- Finish: powder coated white
- Fittings are supplied with the requisite size and amount of fittings



Code	Size
MAK20260	300mm
MAK21007	600mm

DOOR CLOSERS

- Fully adjustable door closers
- Satin finish
- Supplied with all fittings and fastenings



Code	Size
MTS2300	No 61
MTS2305	No 62

STANLEY SCREEN DOOR CLOSER - HEAVY DUTY 74-5750

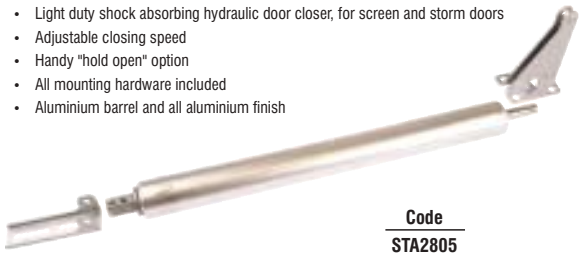
- Heavy duty shock absorbing door closer is designed for use on doors opening out
- Wooden or metal doors up to 35mm thick
- Permanently lubricated to extend operating life
- Includes convenient “hold open” washer
- Weather resistant finish
- Fully adjustable



Code
STA2800

STANLEY HYDRAULIC DOOR CLOSER

- Light duty shock absorbing hydraulic door closer, for screen and storm doors
- Adjustable closing speed
- Handy "hold open" option
- All mounting hardware included
- Aluminium barrel and all aluminium finish



Code
STA2805

MACKIE ARCHITECTURAL DOOR STOPS

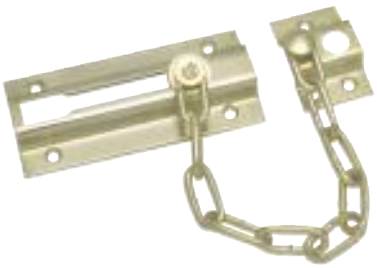
- Manufactured from Die cast zinc
- Offer a locating pin for ease of installation
- Supplied with fixing screw and plug



Code	Size	Finish
MAK03072	40x50mm	Brass Plated
MAK03089	40x50mm	Nickel Plated

MACKIE DOOR CHAIN - BRASS PLATED

- Manufactured from steel to the highest standards to withstand the rigors of the South African environment



Code
MAK05649

MACKIE DOOR VIEWER - SOLID BRASS

- Manufactured to the highest standards to withstand rigors of the South African environment
- 180º view
- Finish – polished brass



Code	Size
MAK05625	13mm

MACKIE LETTER PLATE

- Manufactured from solid brass to the highest standards to withstand the rigors of the South African environment
- Finish polished brass



Code	Size	Style
MAK11671	280x90mm	Georgian

MACKIE LETTER PLATE

- Manufactured from solid brass to the highest standards to withstand the rigors of the South African environment
- Finish polished brass



Code	Size	Style
MAK11572	255x75mm	Victorian

MACKIE BRASS NUMBERS 76mm

- Manufactured from Solid Brass



Code	Number
MAK11831	0
MAK11848	1
MAK11855	2
MAK11862	3
MAK11879	4
MAK11886	5
MAK11893	6
MAK11909	7
MAK11916	8
MAK11923	9

MACKIE BRASS NUMBERS 152mm

- Manufactured from Solid Brass



Code	Number
MAK11930	0
MAK11947	1
MAK11954	2
MAK11961	3
MAK11978	4
MAK11985	5
MAK11992	6
MAK12005	7
MAK12012	8
MAK12029	9

MACKIE BRASS NUMBERS 200mm

- Manufactured from Solid Brass



Code	Number
MAK53305	0
MAK53312	1
MAK53329	2
MAK53336	3
MAK53343	4
MAK53350	5
MAK53367	6
MAK53374	7
MAK53381	8
MAK53398	9

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SATIN CHROME NUMBERS - 200mm

- Manufactured from solid brass with satin chrome finish



Code	Number
MAK30900	0
MAK30917	1
MAK30924	2
MAK30931	3
MAK30948	4
MAK30955	5
MAK30962	6
MAK30979	7
MAK30986	8
MAK30993	9

PLASTIC KEY TAGS

- Plastic key tags in assorted colours with paper and clear plastic inserts
- Chrome plated key rings



Code	Size
UNS0052	12 Pce
UNS0053	300 Pce

KEY TAGS - 6 PIECE - 064

- Plastic key tags in assorted colours with paper and clear plastic inserts
- Chrome plated key rings



Code	Size
PER2064	6 pack

KEY TAGS

- Plastic key tags in assorted colours with paper and clear plastic inserts
- Chrome plated key rings



Code	Size
MAK06059	6 Pce
MAK09517	20 Pce

WEATHER STRIP - BLACK

- A general purpose weather strip for sealing around doors and windows
- Ideal for home and automotive use
- Dense foam comes with a double-sided adhesive strip
- Supplied in a range of sizes and convenient lengths
- Can be cut and styled to suit the application



Code	Size
SGT2000	3x10mmx5m
SGT2005	3x12mmx5m
SGT2010	3x15mmx5m
SGT2015	3x20mmx5m
SGT2020	3x25mmx5m
SGT2030	5x15mmx5m
SGT2050	6x10mmx5m
SGT2055	6x12mmx5m
SGT2060	6x15mmx5m
SGT2065	6x20mmx5m

Code	Size
SGT2070	6x25mmx5m
SGT2100	8x10mmx5m
SGT2105	8x12mmx5m
SGT2110	8x15mmx5m
SGT2115	8x20mmx5m
SGT2120	8x25mmx5m
SGT2150	10x10mmx5m
SGT2155	10x12mmx5m
SGT2160	10x15mmx5m

Code	Size
SGT2165	10x20mmx5m
SGT2170	10x25mmx5m
SGT2200	12x12mmx3m
SGT2205	12x15mmx3m
SGT2210	12x20mmx3m
SGT2215	12x25mmx3m
SGT2300	15x15mmx3m
SGT2305	15x20mmx3m
SGT2310	15x25mmx3m

DRAUGHT DOOR SEALS

- Anodised aluminium draught seals are easily installed on most wooden doors



Code	Size	Colour
MAD0005	915mm	Aluminium
MAD0010	915mm	Bronze
MAD0020	915mm	Gold
MAD0050	1200mm	Aluminium
MAD0060	1200mm	Bronze

MUTTON CLOTH

- Clean, white, woven mutton cloth supplied in roll form
- A grade



Code	Size
UNS0380	400g

WASTE RAGS

- Clean, washed, recycled rags supplied in a sealed plastic bag
- Various sizes, colours and materials



Code	Size
UNS1521	500g
UNS1523	25kg

NUT & BOLT ASSORTMENT METRIC

- Convenient boxed set with clearly marked categories
- Contains 13 popular sizes

Sheet Metal Screw
6,0 x 13,0mm___32pc
6,0 x 19,0mm___26pc
10,0 x 25,0mm__13pc
Wood Screw
4,0 x 13,0mm___43pc
6,0 x 19,0mm___32pc
8,0 x 25,0mm___10pc
Machine Screw
5,0 x 25,0mm__ 9pc
6,0 x 19,0mm__10pc
5,0 x 19,0mm__24pc
Flat Washer
M5____59pc
M6____19pc
Hex Nut
M6____11pc
M5____49pc



Code	Size
HON0208	347 Pieces

FLAT STEEL WASHER ASSORTMENT

- Convenient boxed set with clearly marked categories
- Contains 12 popular sizes

M3 (#6) Lock Washer ___50pc
M3 (#6) Flat Washer ____50pc
M4 (#8) Lock Washer ___40pc
M4 (#8) Flat Washer ____40pc
M5 (#10) Lock Washer __30pc
M5 (#10) Flat Washer ___30pc
M6 Lock Washer _____25pc
M6 Flat Washer _____25pc
M8 Lock Washer _____15pc
M8 Flat Washer _____15pc
M10 Lock Washer _____ 5pc
M10 Flat Washer _____15pc



Code	Size
HON0220	350 Pieces

FLAT COPPER WASHER ASSORTMENT

- Convenient boxed set with clearly marked categories
- Contains 6 popular sizes

M6_____Washer____30pc
M8_____Washer____25pc
M10____Washer____20pc
M11____Washer____15pc
M13____Washer____10pc
M14____Washer____10pc



Code	Size
HON0216	110 Pieces

RUBBER/FIBRE WASHER ASSORTMENT

- Convenient boxed set with clearly marked categories
- Contains 18 popular sizes

GUMMI:
3,5 x 17,0 x 4,0mm ___10pc
9,5 x 17,5 x 4,0mm ___5pc
4,0 x 16,0 x 4,0mm ___10pc
8,0 x 14,0 x 4,0mm ___5pc
12,0 x 24,0 x 2,0mm __10pc
8,0 x 18,0 x 4,0mm ___5pc
15,0 x 24,0 x 3,0mm __10pc
10,5 x 14,0 x 4,0mm __5pc
FIBRE:
21,0 x 17,0 x 1,5mm __10pc
10,0 x 13,5 x 2,0mm __10pc
20,5 x 25,0 x 1,5mm __10pc
12,0 x17,5 x1,5mm ___10pc
17,0 x 24,0 x 1,5mm __10pc
27,0 x 33,0 x 1,5mm __5pc
KLINGERITH:
27,0 x 38,0 x 2,0mm __3pc
12,0 x 17,5 x 2,0mm __10pc
30,0 x 39,0 x 2,0mm __3pc
17,0 x 24,0 x 2,0mm __10pc



Code	Size
HON0222	141 Pieces

'0' RING ASSORTMENT

- Convenient boxed set with clearly marked categories
- Contains 8 popular sizes

10,0 x 13,0mm __10pc
14,0 x 19,0mm __10pc
13,0 x 16,0mm __10pc
16,0 x 21,0mm __10pc
11,0 x 16,0mm __10pc
16,5 x 21,0mm __10pc
13,0 x 18,0mm __10pc
14,0 x 21,0mm __10pc



Code	Size
HON0210	80 Pieces

SPLIT PIN ASSORTMENT

- Convenient boxed set with clearly marked categories
- Contains 8 popular sizes

5,0 x 60,0mm___20pc
3,0 x 30,0mm___30pc
2,5 x 25,0mm___50pc
3,0 x 50,0mm___20pc
2,5 x 38,0mm___50pc
2,5 x 40,0mm___50pc
2,0 x 25,0mm___20pc
1,5 x 40,0mm___20pc



Code	Size
HON0212	260 Pieces

SPRING ASSORTMENT

- Convenient boxed set with clearly marked categories
- Contains 20 popular sizes



Extended Springs

5,0 x 20,5mm ___10pc	7,0 x 51,0mm ____12pc	9,0 x 35,5mm _____10pc
5,5 x 25,5mm ___10pc	7,0 x 38,0mm ____10pc	8,0 x 44,5mm _____12pc
6,5 x 22,0mm ___10pc	8,5 x 36,5mm ____10pc	4,0 x 79,5mm _____12pc
8,5 x 47,0mm ___12pc	8,0 x 28,5mm ____8pc	4,5 x 44,5mm _____8pc

Compressed Springs

7,0 x 12,5mm ___10pc	5,5 x 38,0mm ____10pc	9,0 x 35,0mm _____8pc
6,5 x 10,0mm ___10pc	9,5 x 16,0mm ____6pc	5,5 x 17,0mm _____10pc
7,0 x 19,0mm ___10pc	9,5 x 19,0mm ____12pc	

Code	Size
HON0214	200 Pieces

CAR FUSE ASSORTMENT

- Convenient boxed set with clearly marked categories
- Contains 12 popular sizes



5 Amp	PINK	5pc	Large	5pc	Small
10 Amp	RED	10pc	Large	5pc	Small
15 Amp	BLUE	5pc	Large	5pc	Small
20 Amp	YELLOW	10pc	Large	10pc	Small
25 Amp	CLEAR	5pc	Large	5pc	Small
30 Amp	GREEN	10pc	Large	5pc	Small

Code	Size
HON0203	80 Pieces

WIRE LUG ASSORTMENT

- Convenient boxed set with clearly marked categories
- Contains 19 popular sizes



12-10 Gauge Ring55-5	4pc
12-10 Gauge Ring55-8	4pc
12-10 Gauge Ring55-10	4pc
12-10 Gauge Male Connect	5pc
12-10 Gauge Female Disconnect	5pc
12-10 Gauge Butt connect	12pc
22-18 Gauge Ring1.25-4	8pc
22-18 Gauge Quick splice	4pc
22-18 Gauge Butt connect	12pc
18-14 Gauge Butt connect	18pc
18-14 Gauge Quick splice	4pc
16-14 Gauge Ring2-6	10pc
16-14 Gauge Ring 2-5L	10pc
16-14 Gauge Ring 2-4L	10pc
16-14 Gauge Male Connect	10pc
16-14 Gauge Female Disconnect	10pc
16-14 Gauge Spade2-4M	10pc
16-14 Gauge Bullet Male	10pc
16-14 Gauge Bullet Female	10pc

Code	Size
HON0226	160 Pieces

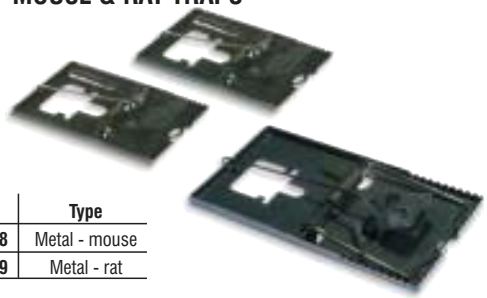
REFUSE BAGS

- Standard & Heavy duty
- Black



Code	Size
TRA1000	Standard Duty
TRA1050	Heavy Duty

MOUSE & RAT TRAPS



Code	Type
HON9038	Metal - mouse
HON9039	Metal - rat

BRASS SHIMSTOCK

- 4 assorted thicknesses of precision brass shim stock - 0,001", 0,002", 0,003" and 0,005"
- Presented in a convenient self-standing roll dispenser box



Code	Size
UNS0330	1m Rolls

HEAVY DUTY FLAT BUNGEE CORDS

- Super strong steel core hooks
- Rubberised grip
- Can hold 40kg
- 2 Pieces
- Do not stretch more than 50% of the standard length



Code	Size
MOQ7859	19x900mm
MOQ7860	19x1200mm

SNAP HOOK BUNGEE CORD

- Zinc plated steel hooks with safety latches
- Injection moulded hook base
- Weather and abrasion resistant
- 150% maximum stretch
- 19mm wide cord
- Can hold 40kg
- Do not stretch more than 50% of the standard length



Code	Size
MOQ7861	19x1000mm

HEAVY DUTY CARABINER BUNGEE CORD

- Carabiner ends with secure spring gate mechanism
- Carabiner moulded onto strap
- Stronger that conventional hooks
- 1 Piece
- Do not stretch more than 50% of the standard length
- NB! NOT FOR CLIMBING



Code	Size
MOQ7862	900mm

INDUSTRIAL BUNGEE CORD

- Zinc coated high tensile steel hooks
- 1 Piece
- Do not stretch more than 50% of the standard length



Code	Size
MOQ7863	10x1000mm

RATCHET ROPE TIE DOWN

- Maximum load 69kg
- Easy release thumb level
- Wont slip
- 1 Piece



Code	Size
MOQ7874	6x2400mm

X STRAP BUNGEE CORDS

- Coated steel hooks
- 2 Piece set
- Do not stretch more than 50% of the standard length



Code	Size	Colour
MOQ7851	8x600mm	Green
MOQ7852	8x900mm	Red
MOQ7853	8x1200mm	Blue
MOQ7854	3pce Combo	1 of Ea. Colour

BUNGEE CORDS

- Plastic moulded steel hook
- 2 Piece set
- Do not stretch more than 50% of the standard length

Code	Size	Colour
MOQ7855	600mm	Green
MOQ7856	900mm	Red
MOQ7857	1200mm	Blue
MOQ7858	3pce Combo	1 of Ea. Colour



RATCHET TIE DOWN

- Break strength 680kg - Use for load up to 222kg
- With rubber grip
- With S hooks
- Flexible edge construction
- Weather, UV and moisture resistant
- Precise tension adjustment to secure loads
- 2 Pieces

Code	Size
MOQ7866	25x4600mm
MOQ7867	25x4600mm



RATCHET TIE DOWN

- Break strength 1134kg - Use for load up to 378kg
- Cut and abrasion resistant
- High strength polyester webbing
- Weather, UV and moisture resistant
- Precise tension adjustment to secure loads
- No hooks
- 2 Pieces

Code	Size
MOQ7868	30x4600mm



RATCHET TIE DOWN

- Break strength 1134kg - Use for load up to 378kg
- Triple layer webbing
- Web guard coating
- Flexible edge construction
- Precise tension adjustment to secure loads
- Ends have sewn loops
- 2 Pieces

Code	Size
MOQ7869	30x4600mm



RATCHET TIE DOWN

- Break strength 2499kg - Use for load up to 833kg
- Cut and abrasion resistant
- High strength polyester webbing
- Weather, UV and moisture resistant
- Precise tension adjustment to secure loads
- With J hooks
- 1 Piece

Code	Size
MOQ7870	38x6000mm



CAMBUCKLE TIE DOWN

- Break strength 546kg - Use for load up to 182kg
- With rubber grip
- No hooks
- Flexible edge construction
- Weather, UV and moisture resistant
- Precise tension adjustment to secure loads
- 2 Pieces

Code	Size
MOQ7871	25x2400mm



RATCHET TIE DOWN

- Break strength 2280kg - Use for load up to 760kg
- With rubber grip
- Zinc plated J hooks
- Extended short end for in-bed anchor points
- Reflective webbing
- For motorcycles & ATV
- Flexible edge construction
- Precise tension adjustment to secure loads
- 1 Piece

Code	Size
MOQ7872	38x2400mm



CAMBUCKLE TIE DOWNS

- Polypropylene webbing
- Break strength 250kg
- Working load limit 125kg
- No hooks
- 1 Piece

Code	Size
MOQ7864	25x2000mm
MOQ7865	25x5000mm



TOWING STRAP

- Break strength 5000kg - Use for load up to 1666kg
- With steel hooks
- 1 Piece

Code	Size
MOQ7873	4000mm



HOOKS - NAIL-ON SMALL - 075



- High impact plastic
- Suitable on concrete and plaster
- Ideal for hanging pictures, plaques

Code	Pack
PER2075	6 pack

HOOKS - NAIL ON MEDIUM - 074



- High impact plastic
- Suitable on concrete and plaster
- Ideal for hanging pictures, plaques

Code	Pack
PER2074	4 pack

HOOKS - NAIL ON LARGE - 073



- High impact plastic
- Suitable on concrete and plaster
- Ideal for hanging pictures, plaques

Code	Pack
PER2073	3 pack

HOOKS - NAIL ON ASSORTMENT - 076



- High impact plastic
- Suitable on concrete and plaster
- Ideal for hanging pictures, plaques

Code	Pack
PER2076	9 pack

HOOK - METAL LARGE WITH NAILS- 480



- Suitable for wood, office partitioning or plastered walls
- Ideal for hanging pictures, paintings, plaques, diplomas
- Convenient pack of 6 hooks and 6 nails

Code	Pack
PER2480	6 pack

PICTURE WIRE KIT - 481



- Ideal for hanging pictures, paintings, plaques, diplomas
- 1.8m plated wire plus 6 screw-in eyelets

Code
PER2481

HANGER - HERCULES - 070



- Heavy duty
- Suitable for large pictures, wall hangings etc
- Maximum weight of 30kg
- High impact plastic

Code	Pack
PER2070	4 pack

HANGER - PICTURE CLIP & GLASS -071



- For diplomas, plaques, pictures, small paintings
- With a maximum weight of 2.5kg
- Suitable for use on concrete and plaster
- High impact plastic

Code	Pack
PER2071	12

HANGER - HANDY HOOKS - 046



- Self sticking
- Easy to apply to almost any surface
- Adhesive is not affected by humidity

Code	Pack
PER2046	6 pack

DAISY HOOKS - 048



- Self sticking
- Easy to apply to almost any surface
- Adhesive is not affected by humidity

Code	Pack
PER2048	3 pack

PICTURE HOOKS - 049



- Self sticking
- Easy to apply to almost any surface
- Adhesive is not affected by humidity

Code	Pack
PER2049	2 pack

MINI HOOKS - 050



- Self sticking
- Easy to apply to almost any surface
- Adhesive is not affected by humidity

Code	Pack
PER2050	4 pack

HOOK SUPER - 309



- Easy to apply to almost any surface
- Self Sticking
- High impact plastic

Code	Pack
PER2309	1 pack

CLASSIC HOOKS - 058



- Self sticking
- Adhesive is not affected by humidity
- Suitable for many applications
- Supplied in a convenient pack of 3

Code	Pack
PER2058	3 pack

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

CLUB HOOKS - 059



- Self sticking
- Adhesive is not affected by humidity
- Suitable for many applications
- Supplied in a convenient pack of 3

Code	Pack
PER2059	3 pack

CUP HOOKS - 066



- Self sticking
- Adhesive is not affected by humidity
- Suitable for many applications
- Supplied in a convenient pack of 4

Code	Pack
PER2066	3 pack

HOOKS - SUCTION - 325



- Easy to apply to almost any surface
- Use in the bathroom or kitchen to hang accessories
- Strong suction pads stick to almost any smooth surface

Code	Pack
PER2325	4 pack

CUP HOOKS - SCREW IN - 067



- Mild steel PVC coated
- Pack 5

Code	Pack
PER2067	5 pack

DOOR HOOK - OVER - 080



- Durable, rigid plastic
- Fits conveniently over a standard door to provide a neat hanging system

Code	Pack
PER2080	1 pack

MUG HOOK - 095



- Self sticking
- Easy to apply to almost any surface

Code	Pack
PER2095	4 pack

VOGUE HOOK - 097



- Self-sticking
- Adhesive is not affected by humidity
- Suitable for many applications
- Supplied in a convenient pack of 4

Code	Pack
PER2097	4 pack

HOOK REMOVABLE - MEDIUM - 472



- Self-sticking
- Easy to apply and remove
- Suitable for weights up to 1.5kg
- Re-use with Perma mounting tape

Code	Pack
PER2472	2 pack

HOOK - HEDGEHOG 483



- Self-sticking - easy to apply to almost anything
- Also includes 2 concrete hooks and holders
- Adhesive is not affected by humidity
- Fun themes for children's bathrooms and bedrooms

Code	Pack
PER2483	1 pack

HOOK - HUMMING BEE 484



- Self-sticking - easy to apply to almost anything
- Also includes 2 concrete hooks and holders
- Adhesive is not affected by humidity
- Fun themes for children's bathrooms and bedrooms

Code	Pack
PER2484	1 pack

HOOK - LADY BIRD 485



- Self-sticking - easy to apply to almost anything
- Also includes 2 concrete hooks and holders
- Adhesive is not affected by humidity
- Fun themes for children's bathrooms and bedrooms

Code	Pack
PER2485	1 pack

HOOK DOLPHIN ASSORTED - 316



- Self-sticking
- Adhesive is not affected by humidity
- Fun themes for children's bathrooms
- High impact plastic

Code	Pack
PER2316	2 pack

HOOK - DESIGNER LARGE 277



- Brushed stainless steel manufacture
- Self sticking
- Easy to apply to almost any surface
- Suitable for many hanging applications
- One hook per pack

Code	Pack
PER2277	1 pack

HOOK - DESIGNER SMALL - 278



- Brushed stainless steel manufacture
- Self sticking
- Easy to apply to almost any surface
- Suitable for many hanging applications
- 3 hooks per pack

Code	Pack
PER2278	3 pack

HOOK - DESIGNER LARGE - 279

- Chrome plated
- Self sticking
- Easy to apply to almost any surface
- Suitable for many hanging applications
- 1 hook per pack

Code	Pack
PER2279	1 pack



HOOK - DESIGNER SMALL - 280

- Chrome plated
- Self sticking
- Easy to apply to almost any surface
- Suitable for many hanging applications
- 3 hooks per pack

Code	Pack
PER2280	3 pack



CLIP MAGNETIC - 324

- Magnet attached
- Ideal for holding notes on the fridge
- Self sticking
- Easy to apply to almost any surface

Code	Pack
PER2324	2 pack



HOOK ROBE - 323

- High impact plastic
- Ideal for hanging bath robes, bath towels and coat hangers
- Self sticking
- Easy to apply to almost any surface

Code	Pack
PER2323	1 pack



HOOK VOGUE - WOOD GRAIN - 283

- High impact plastic with attractive woodgrain finish
- Ideal for hanging bath robes, bath towels and coat hangers
- Self sticking
- Easy to apply to almost any surface

Code	Pack
PER2283	2 pack



HOOK ROBE - WOOD GRAIN - 284

- High impact plastic with attractive woodgrain finish
- Ideal for hanging bath robes, bath towels and coat hangers
- Self sticking
- Easy to apply to almost any surface

Code	Pack
PER2284	1 pack



BATHROOM HOOKS - METALLIC

- Self sticking
- Easy to apply to almost any surface
- Adhesive is not affected by humidity
- Available in silver or gold

Code	Colour
PER2083S	Silver
PER2083G	Gold



BATHROOM HOOKS - VOGUE - CHROME - 531

- Polycarbonate

Code
PER2531



DOOR HOOK - SMALL - 098

- Suitable for hollow doors
- Durable, rigid plastic

Code	Pack	Pack
PER2098	35mm	2 pack



CABLE TIDY - 326

- Velcro strips
- Keeps cables and cords neat and tidy

Code	Pack
PER2326	4 pack



TOOL CLAMP – LARGE - 281

- Self sticking
- Adhesive is not affected by humidity
- Easy to apply to almost any surface
- Keep the home, office and workshop tidy

Code	Pack
PER2281	2 pack



TOOL CLAMP – SMALL - 282

- Self sticking
- Adhesive is not affected by humidity
- Easy to apply to almost any surface
- Keep the home, office and workshop tidy

Code	Pack
PER2282	4 pack



CABLE HOOKS TELEPHONE - 334

- Suitable for telephone cable
- Ideal for tucking cables away neatly in the home or office
- Self sticking
- Adhesive is not affected by humidity

Code	Pack
PER2334	6 pack



CABLE HOOKS SINGLE - 331

- Suitable for single 3 core cable
- Ideal for tucking cables away neatly in the home or office
- Self sticking
- Adhesive is not affected by humidity

Code	Pack
PER2331	9 pack



GLASS TOP SKID PROTECTOR - 329

- Prevents glass tops from sliding on table tops



Code	Pack
PER2329	14 pack

PROTECTOR PADS - 055

- Self-sticking
- Adhesive is not affected by humidity
- Use for doors, walls, furniture, sliding windows and shower screens



Code	Pack
PER2055	12 pack

HANGING KIT COMPLETE PICTURE & MIRROR - 368

- Everything the consumer needs for hanging pictures, certificates, paintings

Contents:

- PER2363 Power Punch
- PER2367 Assorted Power
- Punch Nails
- PER2071 Clip & Glass Frame Hangers
- PER2021 Mounting Tape Strips
- PER2070 Hercules Hangers
- PER2076 Assorted Nail-On Hooks
- PER2481 Picture Wire Kit
- All supplied in a convenient PVC case with hanger



Code
PER2368

POWER PUNCH - PICTURE NAIL APPLICATOR - 363

- New, improved design minimises the risk of damage to wall plaster
- Safe and easy for everyone to use
- Extended safety handle reduces the risk of injury to fingers or hand





Code
PER2363

POWER PUNCH NAILS & CAPS

- Nails & caps for use in nail applicator



Code	Size	Ref
PER2364	Large (35mm)	364
PER2365	Medium (30mm)	365
PER2366	Small (25mm)	366
PER2367	Assorted (LMS)	367
PER2369	Plastic Caps x 20	369

RUBBER SKID PROTECTOR - EVA - 336

- Rubber pads prevent slipping and scratching on computers, hi-fi and video, electrical equipment accessories, telephones, table tops and cabinets
- Self sticking



Code	Size
PER2336	16mm

RUBBER SKID PROTECTOR - EVA 337

- Rubber pads prevent slipping and scratching on computers, hi-fi and video, electrical equipment, accessories, telephones, tabletops and cabinets
- Self sticking



Code	Size
PER2337	22mm

RUBBER SKID PROTECTOR - EVA 338

- Rubber pads prevent slipping and scratching on computers, hi-fi and video, electrical equipment, accessories, telephones, tabletops and cabinets
- Self sticking



Code	Size
PER2338	32mm

ADHESIVE SCRATCH PROTECTOR - 339

- Prevents scratches, cuts and damage to floors, tabletops and walls
- Self sticking



Code	Size
PER2339	16mm

ADHESIVE SKID PROTECTOR - 340

- Prevents scratches, cuts and damage to floors, tabletops and walls
- Self sticking



Code	Size
PER2340	22mm

ADHESIVE SCRATCH PROTECTOR - 341

- Prevents scratches, cuts and damage to floors, tabletops and walls
- Self sticking



Code	Size
PER2341	32mm

FELT PACK ASSORTED - BLACK - 482

- Prevents scratches, cuts and damage to floors, tabletops and walls
- 3.5mm thick black felt



Code	Thickness
PER2482	3.5mm

SCRATCH PROTECTOR STRIP - 328

- Prevents scratches, cuts and damage to floors, tabletops and walls
- Strong adhesive backing



Code	Pack
PER2328	1 pack

FURNITURE RESTS

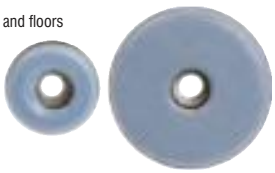
- For use on furniture with castors
- Prevents scratches on floor and damage to carpets



Code	Size	Ref
PER2274	58mm	274
PER2275	42mm	275

EASY SLIDE – TEFLON COATED SCREW-ON ROUND

- Fitted to allow items to slide easily over carpets and floors



Code	Size	Pack	Ref
PER2379	22mm	4 pce	379
PER2380	38mm	4 pce	380

EASY SLIDE - TEFLON COATED ROUND

- Fitted to allow items to slide easily over carpets and floors



Code	Size	Pack	Ref
PER2374	25mm	4 pce	374
PER2376	50mm	2 pce	376
PER2378	70mm	1 pce	378

EASY SLIDE - TEFLON COATED SQUARE

- Fitted to allow items to slide easily over carpets and floors



Code	Size	Pack	Ref
PER2375	25mm	2 pce	375
PER2377	50mm	2 pce	377

DOOR STOP RUBBER SINGLE - BLACK - 054

- Tough, resilient PVC will not damage the floor



Code	Pack
PER2054	1 pack

DOOR WEDGE RUBBER SINGLE - BLACK - 056

- Tough, resilient PVC will not damage the floor



Code	Pack
PER2056	1 pack

DOOR BUMPER - ADHESIVE - 470

- Adhesion not affected by humidity
- Soft PVC will not damage door
- Prevents damage to tiles and walls caused by slamming doors
- Clear



Code	Pack
PER2470	1 pack

DOOR BUMPER - ADHESIVE - 471

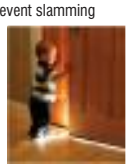
- Adhesion not affected by humidity
- Soft PVC will not damage door
- Prevents damage to tiles and walls caused by slamming doors
- White



Code	Pack
PER2471	1 pack

CHILD SAFETY - DOOR CUSHION - 706

- Fits on ends of doors to prevent slamming
- Protects little fingers





Code	Pack
PER2706	2 pack

CHILD SAFETY - DOOR CUSHION - 477

- Durable foam cushion will not damage door
- Prevents door from slamming and damaging little fingers



Code	Pack
PER2477	1 pack

CHILD SAFETY - CORNER PROTECTORS LARGE - 717

- Protects children from sharp corners and table edges



Code	Pack
PER2717	4 Pack

CHILD SAFETY - CORNER PROTECTORS - 704

- Protects children from sharp corners and table edges



Code	Pack
PER2704	4 Pack

KIDS TREAD SAFELY PACK - ASSORTED ANIMALS - 970

- Make bath time safe and fun with these non slip colourful characters
- Suction cup holds treads in place
- Apply only to wet surfaces
- Assortment:
  2 x Octopus
  2 x Frogs
  2 x Ducks



Code
PER2970

KIDS TREAD SAFELY PACK - ASSORTED MARINE - 971

- Make bath time safe and fun with these non slip colourful characters
- Suction cup holds treads in place
- Apply only to wet surfaces
- Assortment:
  2 x Star Fish
  2 x Shells
  2 x Fish



Code
PER2971

CHILD SAFETY - DOOR LOCK - ADJUSTABLE

- Press down on button to release latch
- Slide lock over door knob or handles
- Slide latch towards door knob to lock
- Can be released by pressing release button on side and pulling arms out



Code	Pack	Ref
PER2702	4 pce	702
PER2703	1 pce	703

SAFETY CUPBOARD LOCK - 342

- Prevents children from opening cabinets
- For use on cupboards and cabinets, handles and doorknobs



Code	Pack
PER2342	1 pack

CHILD SAFETY - CUPBOARD LOCK

- Align catch ± 2-3cm from edge of cabinet for easy installation first make pilot holes, then tighten with screws
- Position latch so it will engage when door is closed
- Mount to inside of drawer or cabinet door
- To open push latch down



Code	Pack	Ref
PER2720	2 pce	720
PER2724	4 pce	724

CHILD SAFETY - FLEXI CABINET LOCK

- Push middle square and side buttons at same time to release lock
- Pull strap till free
- Insert free end of strap through cabinet handle. Repeat opposite side
- Insert strap into lock and feed through
- Pull up on ratchet to tighten



Code	Pack	Ref
PER2725	1 pce	725
PER2726	3 pce	726

CHILD SAFETY - CABINET LATCH - 715

- Effective easy method to prevent children from opening cabinets
- Simple catch which clips together by using a little pressure
- To release simply press lever
- Can be removed cleanly with no marks or surface damage



Code	Pack
PER2715	1 pack

CHILD SAFETY - REFRIGERATOR LOCK - 710

- 2 piece catch
- One side fitted to fridge body other fitted to fridge door
- Flexible arm pushed into catch locks the door
- Arm pulled away will release lock
- Fix high enough, out of reach of children



Code	Pack
PER2710	1 pack

CHILD SAFETY – SLIDING LATCH OVEN DOOR LOCK - 722

- Clean surface peel off release paper
- Fit to top stove and oven door align prong and latch close
- To release simply squeeze prongs



Code	Pack
PER2722	1 pack

CHILD SAFETY - OUTLET COVERS

- Fitted into electrical outlets to prevent child from putting things into plugs sockets
- Pulled out when plug needs to be used
- SA CONFIG

Code	Pack	Ref
PER2708S	4 PCE	708S
PER2709S	8 PCE	709S

CHILD SAFETY - TOILET LATCH - 728

- Fix to toilet lid and bowl
- To Release - apply pressure to base and peel away strap
- To close – press strap into base firmly locking strap in position



Code	Pack
PER2728	1 pack

CHILD SAFETY - UNIVERSAL FLEXI-LOCK - 712

- 2 Part lock to be fitted on flat surface
- This can be fitted on a straight flat surface or around a corner
- To release - simply apply pressure to base and peel away strap
- To close - press strap into base firmly locking strap in position
- To remove - lift up release tab and hold firmly with fingers hold hook in one hand and pull release tab away straight
- Used for many different applications in child safety

Code	Size	Pack	Ref
PER2712	12cm	4pce	712
PER2713	18cm	4pce	713
PER2714	18cm	2pce	714
PER2716	12cm	2pce	716



CHILD SAFETY - CATCHES - 701

- Align latch ± 2-3cm from edge of cabinet
- For ease of installation, first make pilot holes. tighten with screws
- Position latch so it will engage when drawer is closed
- Mount to inside of drawer or cabinet door
- To open drawer reach in and push latch down
- Drawer will lock when closed



Code	Pack
PER2701	3 pack

CHILD SAFETY - CORNER LATCH - 736

- Effective and easy to use method of preventing children opening cabinets or drawers
- Self adhesive tape allows lock to be secured to side and the front
- To release simply push release clip
- Latch will automatically lock when drawer is closed



Code	Pack
PER2736	2 pack

CHILD SAFETY SET 32 PIECES - 730

- Assortment of safety features for child security
- Contents: 4 x universal flex locks PER2714
  12 x outlet covers PER2708
  2 x door cushions PER2706
  2 x adjustable door locks PER2703
  8 x edge & corner protectors PER2704
  4 x edge & corner protectors PER2717



Code
PER2730

CHILD SAFETY GATE - 740

- Suitable for hallways, stairs and doorways
- Fits 73 -82cm opening
- Extends up to 142cm using optional extensions
- Rotary tension bolts easily adjust to fit
- Dual locking system
- Automatic self closing
- One handed operation simply push release button, lift and open in either direction
- Excellent for children and pets



Code
PER2740

CHILD SAFETY GATE EXTENSION

- Safety gate extension



Code	Size	Ref
PER2741	10cm	741
PER2742	20cm	742

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

S/STEEL UNIVERSAL PLUG - 029

- Chrome plated cover
- Soft PVC plug fits all plug holes
- Chain hook



Code	Pack
PER2029	1 pack

S/STEEL UNIVERSAL PLUG WITH CHAIN - 029BC

- Chrome plated cover
- Soft PVC plug fits all plug holes



Code	Pack
PER2029BC	1 pack

BASIN PLUGS - BLACK RUBBER - 030

- Soft PVC fitting
- Chain hook



Code	Pack
PER2030	2 pack

BASIN PLUG - WITH CHAIN - 030BC

- Soft PVC fitting
- Chain hook and chain



Code	Pack
PER2030BC	1 pack

BATH PLUGS - BLACK RUBBER - 031

- Soft PVC fitting
- Chain hook



Code	Pack
PER2031	2 pack

BATH PLUG - WITH CHAIN - 031BC

- Soft PVC fitting
- Chain hook and chain



Code	Pack
PER2031BC	1 pack

SINK STRAINER - 063

- Helps prevent blocked drains
- Soft PVC fits most sinks



Code	Pack
PER2063	1 pack

PLUG HOLDER - 032

- High impact plastic
- Holds any size plug
- Self sticking
- Adhesive is not affected by humidity



Code	Pack
PER2032	1 pack

SOAP HOLDER - 040

- Self sticking
- Adhesive is not affected by humidity
- High impact plastic



Code	Pack
PER2040	1 pack

SOAP HOLDER - NAIL-ON - 078

- High impact plastic
- Suitable on concrete or plaster
- Easy to install



Code	Pack
PER2078	1 pack

SOAP HOLDER - 101

- Stick or screw on
- Screws, wall plugs and double sided tape included



Code	Pack
PER2101	1 pack

SOAP HOLDER - 461

- Durable, high impact plastic
- Suction cup included
- Clean area, wet suction cup rotate body up
- Press stem of suction cup firmly into wall
- Rotate body down to lock suction cups in place creating strong seal
- Removable
- Colour natural
- Holds up to 2kg



Code	Pack
PER2461	1 pack

SOAP HOLDER - VOGUE - 500

- Polycarbonate



Code	Colour
PER2500	White

SOAP HOLDER - VOGUE - 501

- Polycarbonate



Code	Colour
PER2501	Chrome

SOAP SAVER - 039

- High impact plastic
- Keeps soap dry



Code	Pack
PER2039	2 pack

TOOTHBRUSH HOLDER - 111

- Stick or screw on
- Screws, wall plugs and double sided tape included
- Supplied with hygienic cover cup



Code	Pack
PER2111	1 pack

TOOTHBRUSH HOLDER & CUP - 043

- Self sticking
- Adhesive is not affected by humidity
- High impact plastic
- Hygienic cover cup



Code	Pack
PER2043	1 pack

HYGIENIC TOOTHBRUSH HOLDER - 476

- Self Sticking
- Adhesive is not affected by humidity
- High impact plastic



Code	Pack
PER2476	1 pack

TOOTHBRUSH & PASTE HOLDER - 041

- Self Sticking
- Adhesive is not affected by humidity
- High impact plastic



Code	Pack
PER2041	1 pack

TOOTHBRUSH HOLDER - 466

- Durable, high impact plastic
- Suction cup included
- Clean area, wet suction cup rotate body up, press stem of suction cup firmly into wall
- Rotate body down to lock suction cups in place creating strong seal
- Removable
- Colour natural
- Holds up to 2kg



Code	Pack
PER2466	1 pack

TOOTHBRUSH HOLDER - VOGUE - 505

- Polycarbonate



Code	Colour
PER2505	White

TOOTHBRUSH HOLDER - VOGUE - 506

- Polycarbonate



Code	Colour
PER2506	Chrome

RAZOR & TOOTHBRUSH HOLDER - 047

- Self sticking
- High impact plastic
- Adhesive is not affected by humidity



Code	Pack
PER2047	1 pack

RAZOR HOLDER - 456

- Durable, high impact plastic
- Suction cup included
- Clean area, wet suction cup rotate body up
- Press stem of suction cup firmly into wall
- Rotate body down to lock suction cups in place creating strong seal
- Removable
- Colour natural
- Holds up to 6kg



Code	Pack
PER2456	1 pack

STAINLESS STEEL TOWEL RACK - 490

- Rust Proof Stainless Steel Tubing
- Durable High Impact Plastic Brackets
- Easily Assembled in minutes
- Installation instructions and drilling jig included inside box
- Wall plugs and mounting screws included



Code	Pack
PER2490	1 pack

TOWEL RAIL - 131

- Stick or screw on
- Screws, wall plugs and double sided tape included



Code	Pack
PER2131	1 pack

TOWEL RAIL - 035

- Self Sticking
- Adhesive is not affected by humidity
- Easy to apply to almost any surface
- High impact plastic



Code	Size
PER2035	450mm

TOWEL RAIL

- Self Sticking
- Adhesive is not affected by humidity
- Easy to apply to almost any surface
- High impact plastic



Code	Size	Ref
PER2034	600mm	034
PER2036	400mm	036

PAPER TOWEL HOLDER - 006

- Self sticking
- Easy to apply to almost any surface
- High impact plastic



Code	Size
PER2006	1 pack

TOWEL RAIL - VOGUE

- Polycarbonate



Code	Colour	Size	Ref
PER2520A	White	500mm	520A
PER2521	Chrome	500mm	521

TOWEL RING - 121

- Stick or screw on
- Screws, wall plugs and double sided tape included



Code	Colour
PER2121	White

TOWEL RING - 037

- Self Sticking
- Adhesive is not affected by humidity
- Easy to apply to almost any surface
- High impact plastic



Code	Colour
PER2037	White

TOWEL RING - 038

- Self Sticking
- Adhesive is not affected by humidity
- Easy to apply to almost any surface
- High impact plastic



Code	Colour
PER2038	Clear

TOWEL RING - VOGUE - 515

- Polycarbonate



Code	Colour
PER2515	White

TOWEL RING - VOGUE - 516

- Polycarbonate



Code	Colour
PER2516	Chrome

CLOTH HOOK - 051

- Self sticking
- Easy to apply to almost any surface
- High impact plastic



Code	Pack
PER2051	2 pack

CLOTH HOLDER - 2 CAPS - 010

- Self sticking
- Easy to apply to almost any surface
- High impact plastic



Code
PER2010

CLOTH HOLDER - 4 CAPS - 012

- Self sticking
- Easy to apply to almost any surface
- High impact plastic



Code
PER2012

TOILET ROLL HOLDER - VOGUE - 510

- Polycarbonate



Code	Colour
PER2510	White

TOILET ROLL HOLDER - VOGUE - 511

- Polycarbonate



Code	Colour
PER2511	Chrome

TOILET ROLL HOLDER - 044

- Self Sticking
- Adhesive is not affected by humidity
- High impact plastic



Code	Pack
PER2044	1 pack

TOILET ROLL INSERT - 045

- Fits all makes
- Spring loaded
- Durable, high impact plastic



Code	Pack
PER2045	1 pack

TOILET ROLL HOLDER - 141

- Stick or screw on
- Screws, wall plugs and double sided tape included



Code	Pack
PER2141	1 pack

TOILET SEAT - 184

- Unique ratchet system
- Fits all toilets
- All fittings included



Code	Pack
PER2184	1 pack

BATH SHOWER - 060

- Fits onto hot and cold taps
- Flexible PVC hoses
- High impact plastic shower head
- Packed in a handy reusable container
- Fits 3/4" bath taps



Code	Pack
PER2060	1 pack

HAND SHOWER 061

- Fits onto hot and cold taps
- Flexible PVC hoses
- High impact plastic shower head
- Packed in a handy reusable container
- Fits 1/2" basin taps



Code	Pack
PER2061	1 pack

TAP SWIRL - 062

- Helps prevent breaking glasses
- Allows water to directed around the sink
- Soft PVC fitting fits most taps



Code	Pack
PER2062	1 pack

BATHROOM SHELF - 082

- Self sticking
- Easy to apply to almost any surface
- Adhesive is not affected by humidity



Code	Pack
PER2082	1 pack

CORNER SHELF – SUCTION CUP - 451

- Durable, high impact plastic
- Suction cup included
- Clean area, wet suction cup rotate body up
- Press stem of suction cup firmly into wall, rotate body down to lock suction cups in place creating strong seal
- Removable
- Colour natural
- Holds up to 6kg



Code	Pack
PER2451	1 pack

BATHROOM SHELF - 151

- Stick or screw on
- Screws, wall plugs and double sided tape included
- Spare glass shelf available



Code	Pack
PER2151	1 pack

BATHROOM CABINET - 186

- Durable, high impact plastic
- Screws, caps and wall plugs included
- Adjustable shelf
- 3 storage trays on back of door
- Can be installed side by side



Code	Pack
PER2186	1 pack

BATHROOM ORGANISER - 189

- Durable, high impact plastic
- Screws, caps and wall plugs included
- Notched slot to make hanging easy
- Compatible with Perma Bathroom Cabinet PER2186 as a corner filler





Code	Pack
PER2189	1 pack

SHOWER CADDY - 068

- High impact plastic
- Fits over existing shower head
- Holds all items used in shower





Code	Pack
PER2068	1 pack

SHOWER CURTAIN RAIL– TELESCOPIC

- Aluminium
- PVC coated



Code	Size	Ref
PER2572	70-120cm	572
PER2573	110-200cm	573

SHOWER CURTAINS

Code	Finish	Size	Ref
PER2555	Shell	180 x 200mm	555
PER2556	Stripe	180 x 200mm	556
PER2557	M/Colour	180 x 200mm	557
PER2566	Tulip	180 x 200mm	566
PER2567	Seashell	180 x 200mm	567
PER2568	Dolphin	180 x 200mm	568
PER2569	Flower	180 x 200mm	569



- Polyester
- Includes 12 hooks



SHOWER CURTAIN HOOKS - 069

- Easy to fit
- High impact plastic



Code	Pack
PER2069	6 pack

TABLE CLOTH HOLDER - 276

- Ideal for holding table cloths to table
- High impact plastic



Code	Pack
PER2276	4 pack

BATH MATS

- Manufactured from soft PVC and Polyurethane

Code	Size	Finish	Ref
PER2960	67x35cm	Ducky	960
PER2961	67x35cm	Clownfish	961
PER2963	65x38cm	Dolphin	963
PER2965	67x35cm	Pebbles	965
PER2968	65x38cm	Fuzzy	968





TOOTHBRUSH & RAZOR HOLDER VALUE SUCTION - 540

- Durable, high impact ploycarbonate
- Suction cup included
- Removable
- Colour natural
- Holds up to 2kg

Code
PER2540



SOAP HOLDER - VALUE SUCTION - 542

- Durable, high impact polycarbonate
- Suction cup included
- Removable
- Colour natural
- Holds up to 2kg

Code
PER2542



CADDY - VALUE SUCTION - 544

- Durable, high impact polycarbonate
- Suction cup included
- Removable
- Colour natural
- Holds up to 4kg

Code
PER2544



CORNER SHELF - VALUE SUCTION - 546

- Durable, high impact polycarbonate
- Suction cup included
- Removable
- Colour natural
- Holds up to 6kg

Code
PER2546



MIRROR VALUE SUCTION - 548

- Durable, high impact polycarbonate
- Suction cup included
- Removable
- Colour natural
- Holds up to 2kg

Code
PER2548



SHELF - VALUE SUCTION - 550

- Durable, high impact polycarbonate
- Suction cup included
- Removable
- Colour natural
- Holds up to 4kg

Code
PER2550



RAZOR HOLDER - VALUE SUCTION - 552

- Durable, high impact polycarbonate
- Suction cup included
- Removable
- Colour natural
- Holds up to 2kg

Code
PER2552



TOOTHBRUSH HOLDER - VALUE SUCTION - 556VS

- Durable, high impact polycarbonate
- Suction cup included
- Removable
- Colour natural
- Holds up to 2kg

Code
PER2556VS



SHOWER CADDY - VALUE SUCTION 558

- Durable, high impact ploycarbonate
- Suction cup included
- Removable
- Colour natural
- Holds up to 2kg



Code
PER2558

ROBE HOOK - VALUE SUCTION - 554

- Durable, high impact ploycarbonate
- Suction cup included
- Removable
- Colour natural
- Holds up to 2kg



Code
PER2554

BOARDED HOOK RAIL HAT & COAT 1251

- Position boarded rail hook in desired location
- Mark centre of screw holes
- Drill as follows into: Wood - use 3mm high speed drill
  Masonry - use 5mm masonry drill

(Use plugs and screws provided)
Plaster board - Locate and screw into stud as per wood above

- Screw boarded hook rail into position



Code	Finish	Ref.
PER1251	White	1251
PER1256	Dark Satin	1256

BOARDED HOOK RAIL HAT & COAT - 1255

- Position boarded rail hook in desired location
- Mark centre of screw holes
- Drill as follows into: Wood - use 3mm high speed drill
  Masonry - use 5mm masonry drill

(Use plugs and screws provided)
Plaster board - Locate and screw into stud as per wood above

- Screw boarded hook rail into position



Code	Finish
PER1255	Mahogany

UTILITY RACK - 053

- Self Sticking
- Adhesive is not affected by humidity
- High impact plastic
- Hang utensils in the kitchen or tools in the workshop



Code	Pack
PER2053	1 pack

BAGPAC DISPENSER - 065

- High impact plastic
- Wall plugs and screws included
- Holds over 100 plastic bags
- Pull bags out one-by-one as you need



Code	Pack
PER2065	1 pack

PLATE HANGERS

- Used to hang plates on the wall



Code	Size	Ref
PER2491	Large	491
PER2492	Medium	492

DOG BOWLS - 1016

- Tough impact resistant plastic
- Available in assorted colours



Code	Pack
PER21016	1 pack

STACK-A-TAINER - 233

- High impact plastic
- 4 individual containers in one
- Carry Handle



Code	Pack
PER2233	4 pce

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

COLLAPSIBLE BLACK CRATE - 213B

- Stackable space saver
- Many uses around the home
- Flat packed saves space
- Easy to assemble



Code	Pack
PER2213B	1 pack

TACKLE ORGANISER - 232

- 6 individual compartments
- Ideal for fishing equipment
- Clear for visibility



Code
PER2232

HANDY ORGANISER - SMALL

- 20 compartments
- Removable compartment dividers
- Hinged clear lid for visibility
- Snap catches
- Integral carry handle



Code	Size
MTS2900	26cm

HANDY ORGANISER - LARGE

- 23 compartments
- Removable compartment dividers
- Hinged clear lid for visibility
- Snap catches
- Integral carry handle



Code	Size
MTS2910	38cm

UTILITY BOXES

- Add-on storage system
- System fully expandable from all sides
- Unit is compatible with PER2001 and the Multi-Storage System PER2011



Code	Size	Ref
PER2001	16 Drawer	001
PER2001A	32 Drawer	001A

UTILITY BOX ADD ON - 212

- Add-on storage system
- Fully expandable from all sides
- Compatible with all other units in the system



Code	Size
PER2212	37 Drawer

MULTI-STORAGE SYSTEM - 011

- Add-on storage system
- 24 compartment multi-storage unit
- Fully expandable from all sides
- Compatible with all other units in the system



Code	Pack
PER2011	1 pack

TOOL CADDY

- A handy carry tray for tools and more
- Extra deep trays
- Tool holder slots
- Ergonomic handle



Code	Size
MTS2940	496 x 336 x 227mm

TOOLBOX WITH TRAY - 400mm

- Rigid PVC construction
- Store tools and more
- Additional storage in lid
- Lockable
- **TOOLS NOT SUPPLIED**



Code	Size
MTS2920	400 x 210 x 200mm

TOOLBOX + TRAY - 500mm

- Rigid PVC construction
- Store tools and more
- Additional storage in lid
- Lockable
- **TOOLS NOT SUPPLIED**



Code	Size
MTS2930	500 x 260 x 240mm

PERMA products — BLACK TOOLBOX - NO TRAY - 220B

- High impact plastic
- Lockable
- Strong and durable
- Rust free
- Lift out trays available



Code	Size
PER2220B	370mm

PERMA products — BLACK TOOLBOX - NO TRAY - 217B

- High impact plastic
- Lockable
- Strong and durable
- Rust free
- Lift out trays available



Code	Size
PER2217B	450mm

PERMA products — BLACK TOOLBOX TRAYS

- High impact plastic
- Strong and durable
- Rust free
- Designed to fit Black Toolboxes



Code	Size	Ref
PER2217T	450mm	217T
PER2220T	370mm	220T

PERMA products — FIRST AID BOX WITH TRAY - 499

- High impact plastic
- Lockable
- Strong & durable
- Rust free
- Carry tray included



Code	Size
PER2499	375mm

PERMA products — FIRST AID BOX WITH TRAY - 217W

- High impact plastic
- Lockable
- Strong & durable
- Rust free
- Carry tray included



Code	Size
PER2217W	450mm

IRWIN Record — TOOLBOX - STRUCTURAL FOAM - 10503817

- Toolbox is made out of a heavy duty structural foam
- Unlike most plastic or metal tool boxes, this box will stand years of use and abuse



Code	Size
IRW6410	660mm

MTS — TOOLBOX - CARPENTER'S

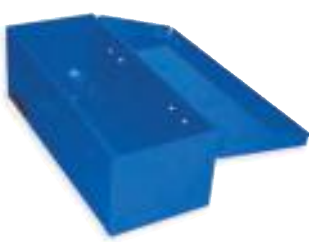
- Standard carpenter's toolbox
- Lift out tray
- Slot in lid for carpenter's square
- Long enough for normal 650mm handsaws



Code	Size
UNS1525	850x310x200mm

MTS — TOOLBOX - HANDY NO TRAY

- Small toolbox for hand tools
- Built-in hasp and staple for security
- Pressed steel construction
- Epoxy powder coated
- Hinged single lid



Code	Size
TRN2400	378mm

MTS — TOOLBOX - LIFT UP WITH TRAY

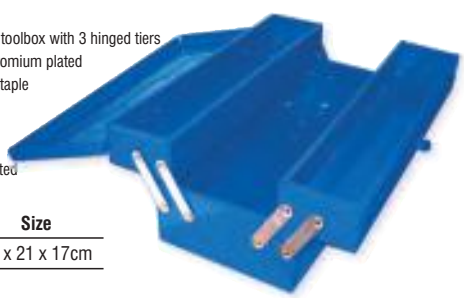
- A general purpose toolbox with 5 hinged tiers
- Tier hinges are chromium plated
- Built-in hasp and staple for security
- Pressed steel construction
- Epoxy powder coated
- Hinged double lid



Code	Size
TRN2500	460mm

MTS — TOOLBOX - CANTILEVER 3 TIER

- A general purpose toolbox with 3 hinged tiers
- Tier hinges are chromium plated
- Built-in hasp and staple for security
- Pressed steel construction
- Epoxy powder coated
- Hinged single lid

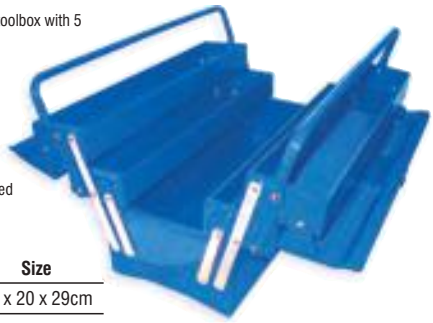


Code	Size
TRN2150	46 x 21 x 17cm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

TOOLBOX - CANTILEVER 5 TIER

- A general purpose toolbox with 5 hinged tiers
- Tier hinges are chromium plated
- Built-in hasp and staple for security
- Pressed steel construction
- Epoxy powder coated
- Hinged double lid



Code	Size
TRN2170	49 x 20 x 29cm

TOOLBOX - CHEST 6 DRAWER PROFESSIONAL

- A professional toolbox with 6 drawers and a top compartment
- Drawers run smoothly on bearing rails and are rubber lined
- Hinged lid (hinges are chromium plated)
- Built-in locking system with keys for security
- Pressed steel construction
- Epoxy powder coated
- Carry handles



Code	Size
TRN2350	66 x 37,5 x 30cm

PROFESSIONAL TOOL TRUNK - SMALL

- All Steel Construction (0,8mm mild steel)
- Lockable
- Carry Handles
- Reinforced Lid
- Powder Coated
- Strong Hinges



Code	Size
RIC7971	610 x 345 x 275mm

PROFESSIONAL TOOL TRUNK - MEDIUM

- All Steel Construction (0,8mm mild steel)
- Lockable
- Carry Handles
- Reinforced Lid
- Powder Coated
- Strong Hinges



Code	Size
RIC7972	690 x 410 x 360mm

PROFESSIONAL TOOL TRUNK - LARGE

- All Steel Construction (0,8mm mild steel)
- Lockable
- Carry Handles
- Reinforced Lid
- Powder Coated
- Strong Hinges



Code	Size
RIC7973	810 x 510 x 415mm

PROFESSIONAL TOOL TRUNKS - 3 PIECE SET

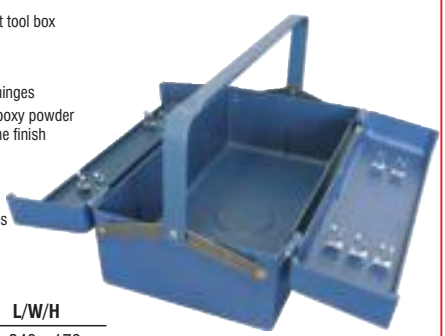
- All specifications as per RIC7971, RIC7972 and RIC7973
- Tool trunks stack inside each other for easy storage



Code	Size
RIC7974	3 Piece Set

TOOLBOX - ALUMINIUM - 3 TIER - 80

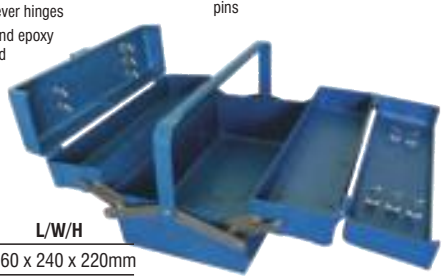
- Aluminium die cast tool box
- Rounded corners
- No spot welds
- Unique cantilever hinges
- Phosphated and epoxy powder coated hammertone finish
- Lockable
- Cast-in lid hinges with non-removable pins



Code	L/W/H
RIC7990	460 x 240 x 170mm

TOOLBOX - ALUMINIUM - 5 TIER - 81

- Aluminium die cast tool box
- Rounded corners
- No spot welds
- Unique cantilever hinges
- Phosphated and epoxy powder coated hammertone finish
- Lockable
- Cast-in lid hinges with non-removable pins



Code	L/W/H
RIC7991	460 x 240 x 220mm

TOOL TROLLEY (EMPTY) 7 DRAWER

- Durable ball bearing drawer slides
- Lockable
- Heavy duty castors with step brake
- Lifetime and quality guarantee
- Rubber top protector prevents tools damaging the trolley
- Powder coated for durability
- **TOOLS NOT SUPPLIED**



Code
RIC7993

TOOLBOX - DIE CAST ALUMINIUM - 3 COMPARTMENT - 1280

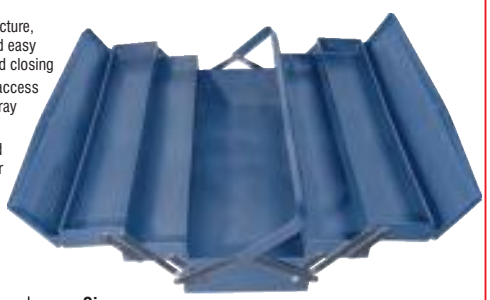
- Robust, rust free, rounded corners
- Cast-in lid hinges wit non-removable pins
- Lockable
- Phosphated and powder coated to prevent corrosion



Code	Size
GED660930	460x240x170mm

TOOLBOX - 5 COMPARTMENT - 1335

- Strong structure, smooth and easy opening and closing
- Maximum access to bottom tray
- Lockable, phosphated and powder coated to prevent corrosion



Code	Size
GED661058	550x248x220mm

TOOLBOX - DIE CAST ALUMINIUM 5 COMPARTMENT - 1281

- Robust, rust free, rounded corners
- Cast-in lid hinges wit non-removable pins
- Lockable
- Phosphated and powder coated to prevent corrosion



Code	Size
GED660949	460x240x220mm

TOOLBOX - PRESSED STEEL - 5 TIER 1282/5

- Strong structure, smooth and easy opening and closing
- Maximum access to bottom tray
- Lockable, phosphated and powder coated to prevent corrosion



Code	Size
GED660957	460x248x220mm

TOOLBOX - 3 COMPARTMENT - 1333

- Strong structure, smooth and easy opening and closing
- Maximum access to bottom tray
- Lockable, phosphated and powder coated to prevent corrosion



Code	Size
GED660892	530x248x173mm

TOOLBOX - 3 COMPARTMENT - 1260

- Strong structure, smooth and easy opening and closing
- Maximum access to bottom tray
- Lockable, phosphated and powder coated to prevent corrosion



Code	Size
GED660868	460x248x173mm

TOOLBOX - 5 COMPARTMENT - 1261

- Strong structure, smooth and easy opening and closing
- Maximum access to bottom tray
- Lockable, phosphated and powder coated to prevent corrosion

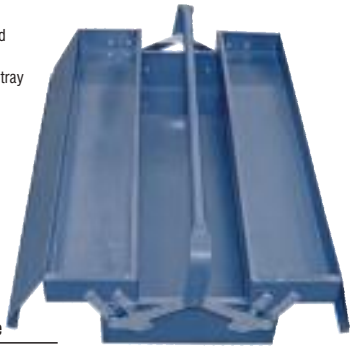


Code	Size
GED660876	460x248x220mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

TOOLBOX - 3 COMPARTMENT - 1270

- Strong structure, smooth and easy opening and closing
- Maximum access to bottom tray
- Lockable, phosphated and powder coated to prevent corrosion



Code	Size
GED660884	650x260x160mm

SHEET METAL TROLLEY - EMPTY - 1581

- Ideal for professional workshop
- Rigid sheetmetal cabinet structure with pegboard back
- 6 Standard and 1 deep easy slide drawers incorporating extra strong ball bearing slider mechanisms
- Working platform with 3 compartments for small parts, raised edges
- Central drawer locking mechanism
- Two swivel castors (one with safety brake) for maximum mobility & safety
- Handle for easy manoeuvrability
- Load capacity 300Kg
- Phosphated
- Blue and grey powder coated



Code
GED662801

TROLLEY ONLY - TOOLS EXCLUDED

SHEET METAL CABINET - EMPTY - 1401

- Ideal for professional workshop
- Rigid sheet metal structure with precision CNC punched pegboard
- 3 easy slide drawers incorporating extra strong ball bearing slider mechanism
- 1 moveable tray
- Spanner & screwdriver rack
- Assortment of moveable hanging hooks for maximum flexibility
- Lockable
- Phosphated to prevent corrosion
- Blue powder coated
- Cabinet accessories:
  30 x Plastic holders with pins; 1 x Tool Rack 17pin; 1 x Double Storage Tray; 1 x Screwdriver - 6 piece; 1 x Punch Holder



Code
GED661155

CABINET ONLY - TOOLS EXCLUDED

TOOL BAG

- Carpenter's - upholstery leather
- 2 pockets
- Leather strap



Code
GBL0005



OSRAM HOUSEHOLD LAMPS - CLEAR

- These standard lamps are universally applicable
- Emits a brilliant light







Code	Watt	Fitting
OSR2400	40W	BC
OSR2410	40W	ES
OSR2420	60W	BC
OSR2430	60W	ES
OSR2440	100W	BC
OSR2450	100W	ES


BC


ES

OSRAM GOLF BALL PEARL - 40W ONLY

- Standard lamps are universally applicable
- Zero % energy saving
- 1000 hour lamp life
- Pearl lamps reduce glare and softens shadows
- 29mm/T9 slim line circular tube
- Compact and offers a high level of efficiency
- Suitable for electronic control gear only (ECG)
- Packed 100/ case





Code	Watt	Fitting
OSR2210	40W	BC
OSR2240	40W	ES
OSR2280	40W	SES


BC


ES


SES

OSRAM CANDLE GLOBES - PEARL

- Zero percent energy saving
- 1000 hr lamp life
- Packing 100/case



Code	Watt	Fitting
OSR1260	40W	BC
OSR1280	40W	ES
OSR1320	40W	SES
OSR1330	60W	BC
OSR1340	60W	ES
OSR1350	60W	SES


BC


SBC


ES


SES

OSRAM PYGMY & GOLF BALL OVEN LAMPS

- Available in single blister
- Suitable for use in ovens
- Zero % energy saving
- Average lamp life of 1000 hrs



Special Lamp
T Oven - Clear
OSR3030



Special Lamp
Golfball Oven - Frosted
OSR2300

Code	Watt	Fitting
OSR2300	40W	SES
OSR3030	15W	SES


SES

OSRAM OSR ROUGH SURFACE LAMP

- Average lamp life of 1000 hours
- Suitable for use in workshops for lead lights
- Vibration proof
- Zero % energy saving



Lead light not included




BC

Code	Watt	Fitting
OSR3290	60W	BC

OSRAM LINESTRA GLOBES

- Provide clear light as normal GLS
- Zero % energy saving
- Average life of up to 1000 hrs
- Suitable for under counter lighting
- Suitable for creating mood lighting



Code	Watt	Fitting
OSR2500	35W	S14s
OSR2510	60W	S14s


S14s

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

OSRAM REFLECTOR LAMPS

- Provides focused beam for accent lighting in rooms and other areas
- Zero percent energy saving
- 1000hr lamp life

Reflector Lamps
OSR3450/70/60



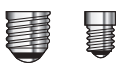
Reflector Lamps
OSR3516/3513



Reflector Lamps
OSR3500/3490



Code	Watt	Fitting	Pack
OSR3450	30W	SES	10
OSR3470	40W	SES	25
OSR3460	40W	SES	10
OSR3500	60W	ES	25
OSR3490	60W	ES	10
OSR3516	60W	ES	25
OSR3530	100W	ES	25



ES SES

OSRAM HALOPAR HALOGEN 220V

- Average lamp life of 2000 hrs
- With whole glass reflector for brilliant lighting effects
- Zero % energy saving
- No transformer required.
- UV filter
- Dimmable
- ***OSR2600: 28W = 40W up to 20% energy saving***

Halopar Halogen
OSR2640/2630



Halopar Halogen
OSR2600



Halopar Halogen
OSR2635



Code	Watt	Fitting
OSR2640	50W	GU10
OSR2630	50W	GU10
OSR2600	40W	GU10
OSR2635	40W	SES



GU10 SES

OSRAM REFLECTOR LAMPS PAR38 - FLOOD

- Zero percent energy saving
- 1000 hour lamp life
- Emits brilliant lighting
- Used for security or spot lighting purposes





ES

Code	Watt	Fitting
OSR3370	75W Flood	ES
OSR3372	75W Flood	ES
OSR3374	100W Flood	ES

OSRAM HALOGEN LAMPS HALOLINE/QI TUBES

- Average lamp life of 2000 hrs
- Brilliant halogen light
- Zero % energy saving
- No transformer required
- UV filter
- 100% dimmable for a variable atmosphere
- Up to 20% energy saving

Halogen Lamps Haloline/QI Tubes
OSR3205/3225



Halogen Lamps Haloline/QI Tubes
OSR3235/3240

Code	Watt	Length
OSR3205	150W	75mm
OSR3225	300W	114mm
OSR3235	500W	114mm
OSR3240	400W	114mm
OSR3242	120W	114mm
OSR3244	230W	114mm



G7s

OSRAM HALOGEN LOW VOLTAGE LAMPS 12V DOWN LIGHT (OPEN) DICHROIC

- Average lamp life of 2000 hrs
- Brilliant halogen light
- Zero % energy saving
- Requires transformer
- 100% dimmable for a variable atmosphere
- UV-filter
- Dichroic reflector reduces heat in light beam up to 66%



Code	Watt	Fitting
OSR1360	20w	GU5,3
OSR1365	50w	GU5,3



GU5,3

OSRAM HALOGEN LOW VOLTAGE LAMPS 12V DOWN LIGHT (CLOSED) DICHROIC

- Average lamp life of 2000 hrs
- Brilliant halogen light
- Zero % energy saving
- Requires transformer
- 100% dimmable for a variable atmosphere
- UV-filter
- Dichroic reflector reduces heat in light beam up to 66%



Code	Watt	Fitting
OSR1385	20W	GU5,3
OSR1375	20W	GU5,3
OSR1390	50W	GU5,3
OSR1370	50W	GU5,3



GU5,3

OSRAM HALOGEN LOW VOLTAGE LAMPS 12V DOWN LIGHT (CLOSED) DICHROIC

- Average lamp life of 5000 hrs
- Lower co^2 emission due to energy saver
- Constant luminous intensity and colour location throughout their life
- 30% energy saving
- Requires transformer
- 100% dimmable for a variable atmosphere
- UV-filter

ENERGY SAVER



Code	Watt	Fitting
OSR1380	35W	GU5,3



GU5,3

EXTRA LONG LIFE!

OSRAM HALOGEN LOW VOLTAGE LAMPS 12V CAPSULE/HALOSTAR BI-PIN

- Average lamp life of 2000 hrs
- Zero % energy saving.
- Requires transformer
- Dimmable



Code	Watt	Fitting
OSR1095	10W	GY6.35
OSR1100	20W	GY6.35
OSR1110	50W	GY6.35



GY6.35

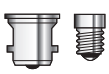
OSRAM HALOGEN HOUSEHOLD LAMPS 220V CANDLE

- Clear
- 20% energy savings
- Emits brilliant light throughout their life
- Average lamp life 2000 hrs
- Dimmable
- Direct replacement to existing GLS

ENERGY SAVER



Code	Watt	Fitting
OSR1200	28W	SES
OSR1202	28W	BC



BC SES

OSRAM HALOGEN LOW VOLTAGE LAMPS 12V DOWN LIGHT (TITAN & ALU)(CLOSED) DICHROIC

- TITAN average lamp life of 4000 hrs
- ALU average lamp life of 3000 hrs
- High luminous intensity
- Constant luminous intensity and colour location throughout the life
- Zero % energy saving
- Requires transformer
- 100% dimmable for a variable atmosphere
- UV-filter
- Diachronic reflector reduces heat in light beam up to 66%



Code	Watt	Fitting	
OSR4200	20W	GU5,3	Alu
OSR4220	50W	GU5,3	Alu
OSR1080	20W	GU5,3	Titan
OSR1085	50W	GU5,3	Titan



GU5,3

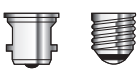
EXTRA LONG LIFE!

OSRAM HALOGEN HOUSEHOLD LAMPS 220V CLASS A

- 20 % energy savings
- Emits a brilliant light throughout their life
- Average lamp life 2000 hrs
- Direct replacements to the existing GLS
- Dimmable

ENERGY SAVER





BC ES

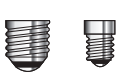
Code	Watt	Fitting
OSR2350	42W	BC
OSR2360	42W	ES

OSRAM HALOGEN HOUSEHOLD LAMPS 220V SPOT R63 & R50

- 20% energy saving
- Emits a brilliant light throughout their life
- Average lamp life of 2000 hrs
- Direct replacements to the existing reflectors
- Dimmable

ENERGY SAVER





ES SES

Code	Watt	Fitting
OSR3510	42W	ES
OSR3480	28W	SES

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

OSRAM COOL WHITE 220V

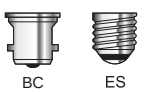
- Provide cool bright light
- 80% energy saving
- Last up to six times longer than normal incandescent lamps
- Lamp life 6000 hrs
- Cool burning

ENERGY SAVER

8W equivalent to 40W
11W equivalent to 60W
14W equivalent to 75W
20W equivalent to 100W
23W equivalent to 120W



Code	Watt	Fitting
OSR1610	8W	BC
OSR1620	8W	ES
OSR1400	11W	BC
OSR1410	11W	ES
OSR1420	14W	BC
OSR1430	14W	ES
OSR1440	20W	BC
OSR1450	20W	ES
OSR1460	23W	BC
OSR1470	23W	ES


BC ES

EXTRA LONG LIFE!

OSRAM WARM WHITE 220V

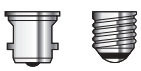
- Provide warm bright light
- 80% energy saving
- Last up to six times longer than normal incandescent lamps
- Lamp life 6000 hrs
- Cool burning

ENERGY SAVER

8W equivalent to 40W
11W equivalent to 60W
14W equivalent to 75W



Code	Watt	Fitting
OSR1700	8W	BC
OSR1705	8W	ES
OSR1710	11W	BC
OSR1715	11W	ES
OSR1720	14W	BC
OSR1725	14W	ES


BC ES

EXTRA LONG LIFE!

OSRAM HIGH OUTPUT 200V

- Large spiral globe
- Direct replacement for most of HID lamps like mercury vapours
- Provide cool bright light
- 80% energy saving
- Last up to six times longer than normal incandescent lamps
- Lamp life 6000 hrs
- Cool burning



ENERGY SAVER

45W equivalent to 200W
65W equivalent to 250W

Code	Watt	Fitting
OSR1500	45W	ES
OSR1510	65W	ES


ES

EXTRA LONG LIFE!

OSRAM MINI TWIST

- Spiral shape
- Very compact fits into most light fittings
- 80% energy saving
- Last up to six times longer than normal incandescent lamps
- Lamp life 6000 hrs
- Cool burnin



ENERGY SAVER

8W equivalent to 40W
13W equivalent to 75W
18W equivalent to 100W

Code	Watt	Fitting
OSR1800	8W	BC
OSR1810	8W	ES
OSR1820	8W	SES
OSR1850	13W	BC
OSR1860	13W	ES
OSR1870	18W	BC
OSR1880	18W	ES

EXTRA LONG LIFE!


BC ES SES

OSRAM MINI BALL 220V - WARM WHITE

- Direct replacement for incandescent lamps or house hold lamps
- Same shape as house hold lamps
- Available in warm white only
- Same operation as normal CFL
- Lasts up to six times longer than normal incandescent lamps/6000 hrs
- Cool burning



11W equivalent to 60W

Code	Watt	Fitting
OSR2320	11W	ES



EXTRA LONG LIFE!

OSRAM MINI GLOBE/OPALINA 220V

- Direct replacement for opalina globes
- Available in warm white only
- Same operation as normal CFL
- Lasts up to six times longer than normal incandescent lamps/6000 hrs
- Cool burning



15W equivalent to 75W

Code	Watt	Fitting
OSR1760	15W	ES



EXTRA LONG LIFE!

OSRAM MINI CANDLE 220V

- Direct replacement for GLS candles
- Same shape and size as GLS candles
- Available in warm white only
- Same operation as normal CFL
- Average life of up to 10 years/10 000 hrs (0-3 hrs per day)
- Cool burning



7W equivalent to 40W

Code	Watt	Fitting
OSR1190	7W	ES
OSR1195	7W	SES



EXTRA LONG LIFE!

OSRAM R50 SPOT 220V

- Direct replacement for normal R50 incandescent lamps
- Same shape and size as normal R50 incandescent lamps
- Available in warm white only
- Same operation as normal CFL
- Average life of up to 10 years/10 000 hrs (0-3 hrs per day)
- Cool burning



7W equivalent to 40W

Code	Watt	Fitting
OSR3455	15W	SES



EXTRA LONG LIFE!

OSRAM R63 SPOT 220V

- Direct replacement for normal R63 60W incandescent lamps
- Same shape and size as normal R63 60W incandescent lamps
- Available in warm white only
- Same operation as normal CFL.
- Average life of up to 10 years/10 000 hrs (0-3 hrs per day)
- Cool burning



7W equivalent to 40W

Code	Watt	Fitting
OSR3485	7W	ES



EXTRA LONG LIFE!

OSRAM DAY NIGHT SENSOR LAMPS (CFL) ENERGY SENSOR

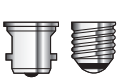
- 80% energy saving
- Provides warm comfort light
- Intelligent micro processor technology
- Not effected by interference light
- Switches on automatically at dusk and off again at dawn
- Average life up to 15000 hrs
- Cool burning

ENERGY SAVER

15W equivalent to 75W



Code	Watt	Fitting
OSR1900	15W	BC
OSR1910	15W	ES



EXTRA LONG LIFE!

OSRAM PAR38 REFLECTOR CFL

- Available in flood only
- 80 % percent energy saving
- Last up to six times longer than filamental PAR 38
- Available in warm white only
- Use for security or spot lighting purpose

ENERGY SAVER

20W equivalent to 100W

Code	Watt	Fitting
OSR3380	20W	ES





EXTRA LONG LIFE!

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

OSRAM 2 PIN COMPACTS - DULUX 220V

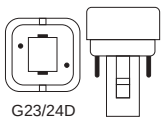
- CFL – compact fluorescent lamp
- 30% energy saving
- 23% running cost saving
- Cool burning
- Not affected by voltage fluctuations
- Safer than hot incandescent

ENERGY SAVER

7W equivalent to 40W
9W equivalent to 50W
11W equivalent to 60W
13W equivalent to 65W
18W equivalent to 90W
26W equivalent to 130W



Code	Watt	Fitting
OSR2800	7W	G23
OSR2820	9W	G23
OSR2830	11W	G23
OSR2840	13W	G24D-1
OSR2850	18W	G24D-2
OSR2860	26W	G24D-3


G23/24D

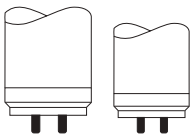
OSRAM BASIC TUBE - 26mm Ø

- Fluorescent lamps offer basic light colours
- Up to 10% energy saving
- Designed to operate with conventional control gear (CCG) and starters
- Also with Quicktronic electronic gear
- Available in variety of colours

ENERGY SAVER



Code	Watt	Length	Fitting
OSR2005	18W	2ft/600mm	G13
OSR2015	30W	3ft/900mm	G13
OSR2025	36W	4ft/1200mm	G13
OSR2035	58W	5ft/1500mm	G13


G13 T12 G13 T8

OSRAM BASIC TUBE - 16 & 38MMØ

- Fluorescent lamps offer basic light colours
- Up to 10% energy saving
- Designed to operate with conventional control gear (CCG) and starters
- Also with Quicktronic electronic gear
- Available in variety of colours

ENERGY SAVER



Code	Watt	Length	Fitting
OSR2028	40W	4ft/1200mm	G5
OSR2040	75W	8ft/2400mm	G5


G5 T5

OSRAM CIRCULAR TUBES

- 29mm/T9 slim line circular tube
- Compact and offers a high level of efficiency
- Suitable for electronic control gear only (ECG)

ENERGY SAVER



Code	Watt	Size	Fitting
OSR2100	22W	216 Ø	G10Q
OSR2110	32W	305 Ø	G10Q


G10Q

OSRAM LAMPS – 2D CFL SQUARE 220V

- CFL - Compact fluorescent lamp
- 30 % energy saving
- 23% running cost saving
- Cool burning
- Not affected by Voltage fluctuations
- Safer than hot incandescent

ENERGY SAVER

16W equivalent to 80W



Code	Watt	Fitting
OSR1000	16W	GR8

GR8

OSRAM STARTERS

- Starters ignite quickly and are reliable
- Starters are subject to strict manufacturing and quality tests
- 20% longer life with fluorescent tubes
- Starters should be replaced every time when changing lamps



Code	Watt
OSR3710	4-80W
OSR3700	4-22W

OSRAM DECO SPOT PAR16 SES LED

- LED lamp for line voltage
- Very low energy consumption
- Extremely long life
- Efficient production of coloured and non colour-changing light
- No UV radiation in the light beam
- Not suitable for use with dimmers

ENERGY SAVER



Code	Watt	Colour	Fitting
OSR2580	1W	White	SES
OSR2585	1W	Colour Change	SES

SES

OSRAM DECO SPOT PAR16 GU10 LED

- LED lamp for line voltage
- Very low energy consumption
- Extremely long life
- Efficient production of coloured and non colour-changing light
- No UV radiation in the light beam
- Not suitable for use with dimmers

ENERGY SAVER



Code	Watt	Colour	Fitting
OSR2590	1W	Colour Change	GU10
OSR2610	1W	White	GU10

GU10

LESCO RANGE SWITCHED SOCKET OUTLETS & 1 WAY SWITCHES

- Completely modular system for flexibility
- Modern attractive design
- Fits standard wall boxes
- SABS certified and guaranteed for complete confidence
- Screw-less clip-on cover plates
- Cover plates are manufactured from durable ABS
- Standard cover plates are white with high gloss finish
- Pre-packed

Code	Description	Size
ELE2600P	Single Switched Socket	100 x 100mm
ELE2610P	Double Switched Socket	100 x 100mm
ELE2630P	1 Lever, 1 Way Switch	100 X 50mm
ELE2640P	2 Lever, 1 Way Switch	100 X 50mm
ELE2650P	3 Lever, 1 Way Switch	100 X 50mm

Single Switched Socket - ELE2600P



Double Switched Socket - ELE2610P



1 Lever, 1 Way Switch - ELE2630P



2 Lever, 1 Way Switch - ELE2640P



3 Lever, 1 Way Switch - ELE2650P



DIAMOND RANGE SWITCHED SOCKET OUTLETS & 1 WAY SWITCHES

- Modern toggle design
- Modern attractive design
- Fits standard wall boxes
- Switches rated at 20 Ampere for durability
- Through wiring on live terminals - no bridging
- SABS certified and guaranteed for complete confidence
- Completely modular system for flexibility
- Screw-less clip-on cover plates
- Cover plates are manufactured from durable ABS
- Standard cover plates are white with high gloss finish
- Pre-packed

Code	Description	Size
ELE2400P	Single Switched Socket	100 x 100mm
ELE2410P	Double Switched Socket	100 x 100mm
ELE2450P	1 Lever, 1 Way Switch	100 X 50mm
ELE2460P	2 Lever, 1 Way Switch	100 X 50mm
ELE2470P	3 Lever, 1 Way Switch	100 X 50mm

Single Switched Socket - ELE2400P



Double Switched Socket - ELE2410P



1 Lever, 1 Way Switch - ELE2450P



2 Lever, 1 Way Switch - ELE2460P



3 Lever, 1 Way Switch - ELE2470P



CLASSIC RANGE SWITCHED SOCKET OUTLETS & 1 WAY SWITCHES

- Modular Toggle design
- Manufactured with Nickel Alloy contacts as a standard
- Through wiring on live terminals - no bridging
- SABS approved
- Pre-packed and loose

Code	Description	Size
ELE2500P	Single Switched Socket	100 x 100mm
ELE2510	Double Switched Socket	100 x 100mm **LOOSE**
ELE2510P	Double Switched Socket	100 x 100mm
ELE2550	1 Lever, 1 Way Switch	100 x 50mm **LOOSE**
ELE2550P	1 Lever, 1 Way Switch	100 x 50mm
ELE2560P	2 Lever, 1 Way Switch	100 x 50mm
ELE2570P	3 Lever, 1 Way Switch	100 x 50mm
ELE2480P	4 Lever, 1 Way Switch	100 x 50mm

Single Switched Socket - ELE2500P



Double Switched Socket - ELE2510P



1 Lever, 1 Way Switch - ELE2550P



2 Lever, 1 Way Switch - ELE2560P



3 Lever, 1 Way Switch - ELE2570P



4 Lever, 1 Way Switch - ELE2480P



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

CBI RANGE SWITCHED SOCKET OUTLETS & 1 WAY SWITCHES (WITH COVERS)

- Modern attractive design
- Fits standard wall boxes
- SABS certified and guaranteed for complete confidence
- Pre-packed

Single Switched Socket - ELE2705P



Single Switched Socket - ELE2700P



Double Switched Socket - ELE2710P



Combo Double Switched Socket - ELE2695P



1 Lever, 1 Way Switch - ELE2730P



2 Lever, 1 Way Switch - ELE2740P



3 Lever, 1 Way Switch - ELE2750P



4 Lever, 1 Way Switch - ELE2485P



Code	Description	Size
ELE2705P	Single Switched Socket	100 x 50mm
ELE2700P	Single Switched Socket	100 x 100mm
ELE2710P	Double Switched Socket	100 x 100mm
ELE2695P	Combo Double Switched Socket	100 x 50mm
ELE2730P	1 Lever, 1 Way Switch	100 x 100mm
ELE2740P	2 Lever, 1 Way Switch	100 x 50mm
ELE2750P	3 Lever, 1 Way Switch	100 x 50mm
ELE2485P	4 Lever, 1 Way Switch	100 x 50mm
ELE2506P	Single Switched Socket Ded.	50 x 100mm
ELE2508P	Single Switched Socket Ded.	100 x 100mm

Single Switched Socket - Dedicated ELE2506P



Single Switched Socket - Dedicated ELE2508P



CLASSIC RANGE 1 WAY SWITCHES AND COVER PLATES (SOLD SEPARATELY)

- Modular toggle design
- Manufactured with Nickel Alloy contacts as a standard
- Through wiring on live terminals - no bridging
- SABS approved

Code	Description	Size
ELE2552	1 Lever, 1 Way Switch	100 x 50mm
ELE2562	2 Lever, 1 Way Switch	100 x 50mm
ELE2572	3 Lever, 1 Way Switch	100 x 50mm
ELE2480	4 Lever, 1 Way Switch	100 x 50mm
ELE2554	1 Lever Cover Plate	100 x 50mm
ELE2564	2 Lever Cover Plate	100 x 50mm
ELE2574	3 Lever Cover Plate	100 x 50mm
ELE2482	4 Lever Cover Plate	100 x 50mm



1 Way Switch Only ELE2040

- Positive operation
- Positive on or off
- Can be used for light switch and general light duty use

- Classic range cover plates available in thermostatic material
- for use in coastal and corrosive environments

1 Lever ELE2552



2 Lever ELE2562



3 Lever ELE2472



4 Lever ELE2480



1 Lever Cover ELE2554



2 Lever Cover ELE2564



3 Lever Cover ELE2574



4 Lever Cover ELE2482



SINGLE SWITCHED SOCKET OUTLET

- Modular toggle design
- Manufactured with Nickel Alloy contacts as a standard
- Through wiring on live terminals - no bridging
- SABS approved



Code	Size
ELE2502	100 x 100mm

SINGLE SWITCHED SOCKET COVER PLATE

- Classic range
- Cover plates available in thermostatic material for use in
- coastal and corrosive environments



Code	Size
ELE2504	100 x 100mm

DOUBLE SWITCHED SOCKET OUTLET

- Modular toggle design
- Manufactured with Nickel Alloy contacts as a standard
- Through wiring on live terminals - no bridging
- SABS approved



Code	Size
ELE2512	100 x 100mm

DOUBLE SWITCHED SOCKET COVER PLATE

- Classic range
- Cover plates available in thermostatic material for use in
- coastal and corrosive environments



Code	Size
ELE2514	100 x 100mm

ISOLATOR 60A

- Double Pole
- Pressed steel body
- Powder coated white
- Flush mounted
- SABS Approved



Code	Size	Packaging
ELE0955	100 x 100mm	Loose
ELE0955P	100 x 100mm	Pre-Pack

ISOLATOR COVER PLATE

- Pressed steel
- Powder coated white
- Supplied with chrome screws



Code	Size
ELE0956	100 x 100mm

ISOLATOR 30A CBI

- Double Pole
- Flush mounted
- SABS approved



Code	Size
ELE0940P	100 x 50mm

INDUSTRIAL SWITCH

- Pressed steel body
- Powder coated white
- Surface mounted
- SABS approved



Code	Size	Type
ELE2715	75 x 75 x 50mm	1 Lever 1 Way

INDUSTRIAL SWITCH

- Pressed steel body
- Powder coated white
- Surface mounted
- SABS approved



Code	Size	Type
ELE2720	75 x 75 x 50mm	2 Lever 1 Way

INDUSTRIAL SWITCH

- Pressed steel body
- Powder coated white
- Surface mounted
- SABS approved



Code	Size	Type
ELE2725	75 x 75 x 50mm	3 Lever 1 Way

INDUSTRIAL SWITCHED SOCKET DOUBLE SSO

- Pressed steel body
- Powder coated white
- Surface mounted
- SABS approved



Code	Size
ELE2670	83 x 119 x 50mm

ISOLATOR - 30A

- Double Pole
- Pressed steel body
- Powder coated white
- Surface mounted
- SABS approved



Code	Size
ELE0950	119 x 83 x 50mm

INDUSTRIAL SWITCHED SOCKET SINGLE SSO

- Pressed steel body
- Powder coated white
- Surface mounted
- SABS approved



Code	Size
ELE2675	83 x 119 x 50mm

WALL BOXES - PAINTED

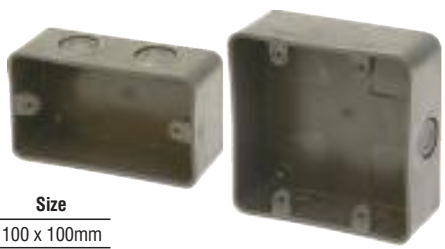
- Pressed steel body
- Flush mounted
- Painted



Code	Size
ELE2830	100 x 50mm
ELE2835	100 x 100mm

PVC WALL BOXES - GREY

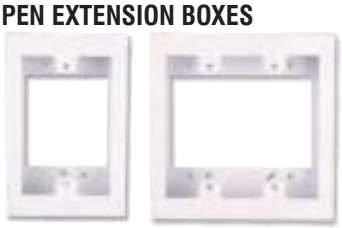
- ABS Plastic
- Flush mounted



Code	Size
ELE2882	100 x 100mm
ELE2884	50 x 50mm

OPEN EXTENSION BOXES

- Pressed steel body
- Surface mounted
- Powder coated white



Code	Size
ELE1150	100 x 50mm
ELE1155	100 x 100mm

PLUGTOP ASSORTED COLOURS 16A

- Solid brass pins
- Integral cable clamp
- SABS approved
- Green, yellow, orange, brown, blue



Code	Size
ELE1730	16A

PLUGTOP 16A

- Cost effective plastic plugtop
- Cover is attached by means of a screw
- Integral cable clamp
- SABS approved



Code	Size
ELE1770	16A

DEDICATED RED PLUGTOP 16A

- Solid brass pins
- Integral cable clamp
- Dedicated flat pin for dedicated computer sockets
- SABS approved



Code	Size
ELE1705	16A

RUBBER PLUGTOP 16A

- Tough rubber plugtop
- Solid brass pins
- Cover is attached by means of a screw
- Screwed cable clamp
- Integral cable clamp
- SABS approved



Code	Size
ELE1710	16A

ADAPTOR - 3 WAY

- 3 x 16A outlets
- SABS approved



Code	Size
ELE0420	3 Way

ADAPTOR - 2 WAY

- 2 x 16A outlets
- SABS approved



Code	Size
ELE0410	2 Way

EURO ADAPTOR - 4 WAY

- 2 x 16A outlets
- 2 x 5A outlets
- SABS approved



Code	Size	Packaging
ELE0450	4 Way	Loose
ELE0450P	4 Way	Pre-Pack

UNIVERSAL ADAPTOR -2 WAY

- 1 x 13A (flat pin) outlets
- 1 x 16A (3 pin) outlets
- SABS approved



Code	Size	Packaging
ELE0480	2 Way	Loose
ELE0480P	2 Way	Pre-Pack

ADAPTOR - DIN 232 - 4 WAY

- 1 x Shucko outlet
- 1 x 16A outlet
- 2 x 5A outlets
- SABS approved



Code	Size
ELE0810	4 Way

ADAPTOR - 3 WAY

- 1 x 16A outlet
- 2 x 5A outlets
- SABS approved



Code	Size
ELE0400	3 Way

ADAPTOR - 3 WAY

- 1 x 16A outlet
- 2 x 5A outlets
- SABS approved



Code	Size
ELE0820	3 Way

EURO ADAPTOR DIN - 2 WAY

- 1 x Shucko (Round) outlet
- 1 x 5A outlets
- SABS approved



Code	Size
ELE0850	2 Way

ADAPTOR - EURO - 1 WAY

- 1 x Shucko outlet (round)
- SABS Approved



Code	Size
ELE0800	1 Way

ADAPTOR - BOTTOM ENTRY - 1 WAY

- 1 x 5A Outlet
- SABS Approved



Code	Size
ELE0870	1 Way

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

ADAPTOR - TWIN ENTRY - 2 WAY

- 2 x 5A outlets
- SABS approved



Code	Size
ELE0920	2 Way

ADAPTOR - TOP ENTRY - 1 WAY

- 1 x 5A outlet
- SABS approved



Code	Size
ELE0910	1 Way

ADAPTOR - 6 WAY

- 2 x 16A outlets
- 2 x 5A outlets
- 2 x Shucko outlets
- SABS approved



Code	Size	Packaging
ELE0460	6 Way	Loose
ELE0460P	6 Way	Pre-Pack

24 HOUR MANUAL TIMER

- 1 x 16A outlets
- Manual override
- SABS approved
- Pre-packed



Code	Size
ELE2770	13A

MULTIPLUG - 3 WAY

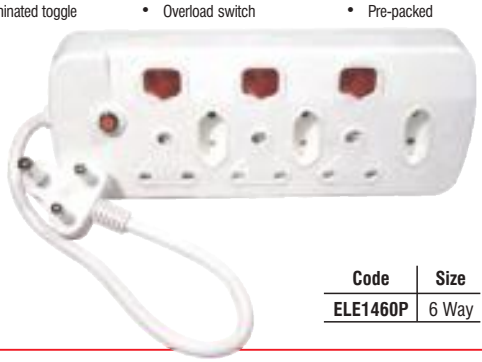
- 3 x 16A outlets
- Moulded plug top
- Overload switch
- 0,5m 10A cord attached
- SABS approved
- Pre-packed



Code	Size
ELE1450P	3 Way

MULTIPLUG - 6 WAY - ILLUMINATED

- 3 x 16A outlets
- 3 x 5A outlets
- Illuminated toggle switches
- Moulded plug top
- Overload switch
- 0,5m 10A cord attached
- SABS approved
- Pre-packed



Code	Size
ELE1460P	6 Way

MULTIPLUG - 6 WAY + 5M CORD

- 3 x 5A outlets
- 3 x 16A outlets
- 10A cord attached
- 5m cord
- Moulded plug top
- Overload switch
- SABS approved
- Pre-packed



Code	Size
ELE1480P	6 Way

MULTIPLUG - 5 WAY

- 5 x 16A outlets
- Moulded plug top
- Overload switch
- 0,5m 10A cord attached
- SABS approved
- Pre-packed



Code	Size
ELE1520P	5 Way

MULTIPLUG - 9 WAY - 5M CORD

- 4 x 5A outlets
- 5 x 16A outlets
- 5m cord
- Moulded plug top
- Overload switch
- Pre-packed



Code	Size
ELE1530P	9 Way

MULTIPLUG - 6 WAY +OVERLOAD

- 3 x 16A Outlet
- 3 x 5A outlets
- Moulded plug top
- Overload switch
- SABS Approved
- Pre-packed



Code	Size
ELE1535P	6 Way

MULTIPLUG - 7 WAY + 5M CORD

- 2 x 5A outlets
- 4 x 16A outlet
- 1 x Shucko outlet
- 5m Cord
- Moulded plug top
- Overload switch
- Pre-packed



Code	Size
ELE1537P	7 Way

MULTIPLUG - 10 WAY - ILLUMINATED

- 5 x 16A outlets
- 4 x 5A outlets
- 1 x shucko outlet
- Moulded plug top
- Overload switch
- 0,5m 10A cord attached
- Illuminated toggle switches
- SABS approved
- Pre-packed



Code	Size
ELE1500P	10 Way

MULTIPLUG - 10 WAY

- 6 x 16A outlets
- 4 x 5A outlets
- Moulded plug top
- Overload switch
- Facility for plug-in lightning protector (ELE1410) see below
- Can be wall mounted
- 0,5m 10A cord attached
- SABS approved
- Pre-packed



Code	Size
ELE1550P	10 Way

MULTIPLUG 10 WAY +LIGHTNING PROTECTION

- 6 x 16A outlets
- 4 x 5A outlets
- Supplied with plug-in lightning protector (ELE1410) see below left
- Moulded plug top
- Overload switch
- Can be wall mounted
- 0,5m 10A cord attached
- SABS approved
- Pre-packed



PLUG-IN LIGHTNING PROTECTOR

- Complies with SABS 60884-1, IEC61643:1998
- Surge protection - 'Operational Lamp'
- Response time less than 10 nano seconds
- Suitable for ELE1550 & ELE1560 (above)



Code	Size
ELE1410	-





Plug-in lightning protector is replaceable

Code	Size	Packaging
ELE1560	10 Way	Loose
ELE1560P	10 Way	Pre-Pack

EXTENSION REEL - PLASTIC

- Lightweight yet strong plastic reel
- Tubular steel frame
- Comfortable plastic winding knob
- Double insulated
- Quality Crabtree switched socket outlet
- SABS approved



Code	Size
ROT0600	15m x 1.0mm² SP
ROT0620	20m x 1.0mm² SP
ROT0640	30m x 1.5mm² DP
ROT0660	40m x 2.5mm² SP

EXTENSION REEL - SINGLE PLUG

- A sturdy cable reel generally favoured by tradesmen
- Open frame construction allows for longer cable lengths than closed reels
- 1.5mm² Cable
- SABS approved



Code	Size
PIL0060	25m x 1.5mm2 SP
PIL0015	30m x 1.5mm2 SP
PIL0020	30m x 1.5mm2 DP
PIL0210	30m - No Cable-1 x 15A
PIL0220	50m - No Cable-2 x 15A

EXTENSION LEADS - WHITE

- 3 pin plug
- Double adaptor
- 2 x 16A outlets
- SABS approved



Code	Size
ELE1030P	3m x 1.0mm
ELE1035P	5m x 1.0mm
ELE1040P	10m x 1.0mm

Code	Size
ELE1080P	3m x 1.5mm
ELE1085P	5m x 1.5mm
ELE1090P	10m x 1.5mm

EXTENSION - JANUS PLUG

- An extension cord with 3 pin plug and double 16A janus adaptor suitable for power tools and general DIY use
- SABS approved



Code	Size
PIL0050	10m

JANUS COUPLER - BLACK RUBBER

- Tough, all rubber housing
- Double 16A outlets
- SABS approved



Code	Size
ELE0620	2x16A

JANUS COUPLERS - PLASTIC

- Tough ABS moulding
- Double 16A outlet
- Available in black or white
- SABS approved



Code	Colour
ELE0600	Black
ELE0640	White

CIRCUIT BREAKERS

- 3KA, 6A - 63A



Code	Size
ELE0700P	6A
ELE0705P	10A
ELE0710P	16A
ELE0715P	20A
ELE0720P	25A
ELE0725P	32A
ELE0730P	40A
ELE0735P	50A
ELE0740P	63A

EARTH LEAKAGE

- 3KA 63A



Code	Size
ELE0780P	63A W/OL
ELE0785P	63A

DAYLIGHT SWITCH

- 16A rating
- 60 lux
- UV stabilised IP54
- SABS approved
- With mounting bracket
- Conduit entry 20mm

Code	Size
ELE2723	16A



PUSH THROUGH SWITCH

- Ideal for small appliances and lamps
- SABS approved

Code	Size
ELE2020	220V

BELL PRESS SWITCH

- Universal bell press switch
- Door frame mounted
- Suitable for 12 - 220V systems

Code	Size
ELE2000	12-220V



BRASS BATTON HOLDER

- Standard bayonet fitting
- Pre-drilled mounting shoe
- Knurled brass collars
- SABS approved

Code	Size
ELE1200	Bayonet



NYLON BATTON HOLDERS

- Standard bayonet fitting
- Knurled plastic collar
- Two mounting holes in base
- SABS approved

Code	Colour
ELE1215	Black
ELE1220	White



PORCELAIN LAMP HOLDER

- Standard ES fitting
- Knurled brass collar
- SABS approved

Code	Size
ELE1205	-



BRASS LAMP HOLDERS

- Standard bayonet fitting
- SABS approved

Code	Size
ELE1210	10mm



NYLON LAMP HOLDER

- Standard bayonet fitting
- Knurled plastic collar
- SABS approved

Code	Colour
ELE1225	Black
ELE1230	White



PVC GALLERIES

- Standard bayonet fitting
- SABS approved

Code	Size
ELE1170	150mm
ELE1180	200mm



PORCELAIN GALLERIES

- Standard bayonet fitting
- SABS approved

Code	Size
ELE1175	150mm
ELE1185	200mm



FLUORESCENT STARTER - FS-U

- Used to start fluorescent tubes



Code	Size
ELE2878	4-80W

ELECTRONIC TRANSFORMER

- SABS approved
- For use with halogen lamps
- Low voltage output
- Dimmable
- Rating: 20-50W
- Input voltage - 240V



Code	Size
ELE1310	20-50Va

READYLIGHT PVC 150MM

- SABS approved
- Standard bayonet fitting
- PVC diffuser
- PVC base
- Complete and ready to install
- Lamp included



Code	Size
ELE1300	150mm

WATERTIGHT FITTING - 100W

- SABS approved
- Standard bayonet fitting
- Glass diffuser
- PVC base
- Globes up to 100W
- Lamp not included



Code	Size
ELE1320	120mm

FLOODLIGHT WITH SENSOR

- SABS approved
- Glass cover - water resistant
- Suitable for outdoor installation
- Uses QI lamps (not included)
- Motion sensor
- Steel mounting bracket for easy installation



Code	Size
ELE2850	500W

FLOODLIGHT WITH SENSOR

- SABS approved
- Glass cover - water resistant
- Suitable for outdoor installation
- Uses QI lamps (not included)
- Motion sensor
- Steel mounting bracket for easy installation



Code	Size
ELE2855	150W

FLOODLIGHT NO SENSOR

- SABS approved
- Glass cover - water resistant
- Suitable for outdoor installation
- Uses QI lamps (not included)
- Steel mounting bracket for easy installation



Code	Size
ELE2865	500W

FLOODLIGHT NO SENSOR

- SABS approved
- Glass cover - water resistant
- Suitable for outdoor installation
- Uses QI lamps (not included)
- Steel mounting bracket for easy installation



Code	Size
ELE2860	150W

FLOODLIGHT - TWIN WITH SENSOR

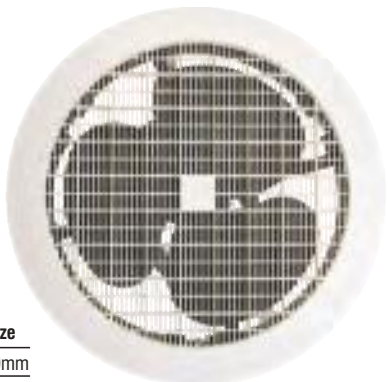
- SABS approved
- Water resistant
- Suitable for outdoor installation
- Uses 2 x PAR38 lamps (not included)
- Motion sensor



Code	Size
ELE2870	PAR38

CEILING EXHAUST FAN

- Whisper quiet
- No earthing required Double insulated
- Easy fit sliding clamps
- Fly proof grill



Code	Size
ELE2876	250mm

CONNECTOR STRIPS

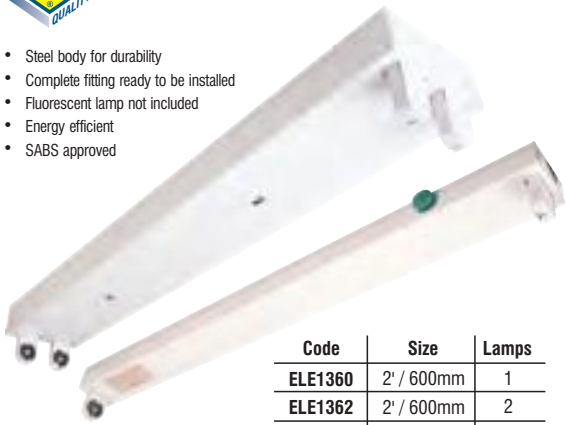
- Used to connect electric cable



Code	Amp
ELE0510	6A
ELE0515	16A
ELE0520	32A

FLUORESCENT FITTINGS

- Steel body for durability
- Complete fitting ready to be installed
- Fluorescent lamp not included
- Energy efficient
- SABS approved



Code	Size	Lamps
ELE1360	2' / 600mm	1
ELE1362	2' / 600mm	2
ELE1364	4' / 1200mm	1
ELE1366	4' / 1200mm	2
ELE1368	5' / 1500mm	1
ELE1370	5' / 1500mm	2

CABLE TIES

- Tough PVC cable ties for fastening cables and hundreds of other uses





Code	Size	Colour	Qty/ Pack
KSS1000	100 x 2.5mm	Black	100
KSS1020	150 x 3.5mm	Black	100
KSS1040	190 x 4.7mm	Black	100
KSS1060	310 x 4.8mm	Black	100
KSS1080	385 x 4.7mm	Black	100
KSS1100	380 x 7.9mm	Black	50
KSS2000	100 x 2.5mm	White	100
KSS2020	150 x 3.5mm	White	100
KSS2040	190 x 4.7mm	White	100
KSS2060	310 x 4.8mm	White	100
KSS2080	385 x 4.7mm	White	100
KSS2100	380 x 7.9mm	White	50

HOUSE WIRE 100M

House Wire - Black (Neutral)



Code	Size	Rating
ELE3300	1.5mm²	16A
ELE3330	2.5mm²	25A

HOUSE WIRE 100M

House Wire - Red (Live)



Code	Size	Rating
ELE3315	1.5mm²	16A
ELE3345	2.5mm²	25A

HOUSE WIRE 100M

House Wire - Blue (Live/Alternate)



Code	Size	Rating
ELE3305	1.5mm²	16A
ELE3335	2.5mm²	25A

HOUSE WIRE 100M

House Wire - Green/Yellow (Earth)



Code	Size	Rating
ELE3310	1.5mm²	16A
ELE3340	2.5mm²	25A

SURFACE WIRE - 100M

Surface Wire - White



Code	Size	Rating
ELE3500	1.5mm²	16A
ELE3510	2.5mm²	25A

SURFACE WIRE - 100M

Surface Wire - Black



Code	Size	Rating
ELE3410	1.5mm²	16A
ELE3420	2.5mm²	25A

SURFACE WIRE - 100M

Surface Wire - Flat



Code	Size	Rating
ELE3515	1.5mm²	16A
ELE3520	2.5mm²	25A

RIPCORD PREPACKS

- Convenient pre-cut lengths of the most popular cables
- Supplied with bar codes, product codes and ratings for easy identification
- Locally manufactured to meet South African standards and quality control







Code	Size	Length	Colour
ELE3100	0,5mm²	5m	Clear
ELE3110	0,5mm²	10m	Clear
ELE3130	0,5mm²	20m	Clear
ELE3140	0,5mm²	100m	Clear
ELE3200	0,5mm²	5m	White
ELE3210	0,5mm²	10m	White
ELE3220	0,5mm²	20m	White
ELE3230	0,5mm²	100m	White

UNIVERSAL KEY - ELECTRICAL - 4 WAY

- Multipurpose - electrical panels, gas, etc
- Made from die cast zinc
- Ideal for maintenance work
- Double Bit
- 8mm Triangle Female
- 6mm Square Female
- 8mm Square Female

Code
BTH0500



CABTYRE PREPACKS- 3 CORE

- Convenient pre-cut lengths of the most popular cables
- Supplied with bar codes, product codes and ratings for easy identification
- Locally manufactured to meet South African standards and quality control

Code	Size	Length	Colour
ELE2900	0,75mm²	100m	Black
ELE2910	1,0mm²	100m	Black
ELE2920	1,5mm²	100m	Black
ELE2930	2,5mm²	100m	Black
ELE2980	0,75mm²	100m	White
ELE2990	1,0mm²	100m	White
ELE3000	1,5mm²	100m	White
ELE3010	2,5mm²	100m	White
ELE4000	1,0mm²	10m	Black
ELE4040	1,0mm²	20m	Black
ELE4080	1,0mm²	30m	Black
ELE4130	1,5mm²	10m	Black
ELE4170	1,5mm²	20m	Black
ELE4020	1,0mm²	10m	White
ELE4060	1,0mm²	20m	White
ELE4100	1,0mm²	30m	White
ELE4150	1,5mm²	10m	White
ELE4190	1,5mm²	20m	White
ELE4210	1,5mm²	30m	Black
ELE4230	1,5mm²	30m	White
ELE4300	1,5mm²	10m	White Flat
ELE4310	1,5mm²	20m	White Flat
ELE4320	1,5mm²	30m	White Flat
ELE4330	2,5mm²	10m	White Flat
ELE4340	2,5mm²	20m	White Flat
ELE4350	2,5mm²	30m	White Flat
ELE4400	1,5mm²	10m	White Surface
ELE4420	1,5mm²	20m	White Surface
ELE4440	1,5mm²	30m	White Surface
ELE4460	2,5mm²	10m	White Surface
ELE4480	2,5mm²	20m	White Surface
ELE4500	2,5mm²	30m	White Surface









VARTA LED SILVER LIGHT TORCH 3AAA

- Flashlights with multi or high performance LED for more rugged use
- Compact and handy LED flat light
- Stylish design combined with up-to-date LED technology
- 3x 5mm LED's with 3 separate magnifying lenses provide an amazingly long light beam for more light output
- Robust silver ABS plastic housing with all-purpose black rubber
- Practical hanging clip
- DETAILS

Beam Range	56m (0.25lux)
Runtime	12h
Total light output	28 Lumens
Light source	3 x 5mm LED



Code	Output
VAR8005	28 Lumens

VARTA LED SOLAR TORCH

- Flashlights with multi or high performance LED for more rugged use
- Following in an designed solar light with two charging modes: Solar energy + pull mechanism
- Robust housing made from durable plastic
- 1 hour of charging in the sun provides 15-20 minutes light
- Pull string 60 x and the 3 LED's will light up 10 minutes (emergency charging)
- If battery is fully charged, flashlight has 2 hours runtime
- Long life due to high-performance lithium-ion rechargeable battery (replace only with LIR 2450, 3,6V, 110mAh)
- LEDs don't need replacement and guarantee long battery life
- Low voltage (2.4V) and overcharge protection (4.2V)
- DETAILS

Beam Range	24m (0.25lux)
Runtime	2h
Total light output	10 Lumens
Light source	3 x 5mm LED



Code	Output
VAR8007	10 Lumens

VARTA MINI DAY TORCH + 1AAA

- For everyday situations – whenever you need a bulb or 5mm LED flashlight
- White 5mm LED for better light output
- Shock-resistant ABS plastic housing
- Incl. key ring
- DETAILS

Beam Range	18m (0.25lux)
Runtime	3.5h
Total light output	9 Lumens
Light source	5mm LED



Code	Output
VAR8001	9 Lumens

VARTA MINI DAY TORCH + 2AA

- For everyday situations – whenever you need a bulb or 5mm LED flashlight
- 3 X 5mm LED for better light output
- Regard three-component, aluminium, ABS plastic and rubber
- Impact-resistant housing for increased outdoor reliability
- Practical lanyard
- DETAILS

Beam Range	42m (0.25lux)
Runtime	65h
Total light output	25 Lumens
Light source	3 x 5mm LED



Code	Output
VAR8002	2.5 Lumens

VARTA LED INDESTRUCTIBLE TORCH AA

- Flashlights with multi or high performance LED for more rugged use
- Extremely robust (9m drop test) and water resistant (IPX4), with a shock-absorbing rubberized head and end cap
- High performance LED with special lens optics and two modes: 100 lumens and 18 lumens (energy saver)
- Made of high quality, specially hardened aircraft aluminium for maximum durability
- DETAILS

Beam Range	150m (0.25lux)
Runtime	25h
Total light output	Up to 100 Lumens
Light source	1 Watt LED



Code	Output
VAR8012	Up to 100 Lumens

VARTA LED TORCH + 4AA

- Flashlights with multi or high performance LED for more rugged use
- White 0.5 Watt, high-performance LED with low energy consumption
- Water-repellent casing made of ABS plastic and rubber
- Practical snap link for fixation
- DETAILS

Beam Range	68m (0.25lux)
Runtime	52h
Total light output	20 Lumens
Light source	0.5 Watt LED



Code	Output
VAR8006	20 Lumens

VARTA LED DAYLIGHT TORCH 2D

- Flashlights with multi or high performance LED for more rugged use
- 7x 5mm LED's for a better light output
- Rugged three-component flashlight made of aluminium, ABS plastic and rubber
- Impact-resistant housing for increased outdoor reliability
- Practical lanyard
- DETAILS

Beam Range	63m (0.25lux)
Runtime	140h
Total light output	58 Lumens
Light source	7 x 5mm LED



Code	Output
VAR8003	58 Lumens

VARTA INDUSTRIAL LIGHT TORCH 2D

- Flashlights with multi or high performance LED for more rugged use
- Water-repellent high-performance flashlight
- Resistant to fluids such as oil, gasoline and diesel oil
- Adjustable beam of light (3 levels)
- Non-slip rubber grip and hanging ring
- DETAILS

Beam Range	68M (0.25lux)
Runtime	14h
Total light output	15 Lumens
Light source	Krypton



Code	Output
VAR8004	14 Lumens

LEISUREQUIP RECHARGEABLE LED SPOTLIGHT

- 16 LED work light
- Weatherproof construction
- 77m beam
- 90 lumens
- Burn time 5 hours +-



Code	Output
MOQ7914	90 Lumens

LEISUREQUIP RECHARGEABLE LANTERN

- Camping Lantern 7 watt
- Water resistant
- Rubberised housing
- Charge time 12 to 15 hours
- Continuous burn time 6 hours +-
- 220V AC or 12V DC adaptors included



Code	Size
MOQ7845	LED

VARTA LED INDESTRUCTIBLE LANTERN 4C

- Flashlights with multi or high performance LED for more rugged use
- Extremely robust (4m drop test) and water resistant (IPX4), with a shock-absorbing rubberized head
- High performance LED with special lens optics and two modes: 150 lumens and 50 lumens (energy saver)
- Electronic regulation for uniform light
- Designed for maximum durability
- DETAILS

Beam Range	350m (0.25lux)
Runtime	78h
Total light output	Up to 150 Lumens
Light source	3 Watt LED



Code	Output
VAR8014	Up to 150 Lumens

LEISUREQUIP LED RECHARGEABLE SPOTLIGHT

- 6 Hour burn time - Spotlight
- 70 hours burn time -
- Built in 4 LED area light
- Unique swivel stand
- 230 AC or 12V DC chargers included
- LED battery level indicator



Code	Size
MOQ7842	90 Lumens

LEISUREQUIP SOLAR RECHARGEABLE LED SPOTLIGHT

- 2 Brightness Modes
- Weatherproof construction
- 159m beam
- Standard burn time 10 hours +-
- Strong burn time 4 hours +-
- 230V AC and 12V adaptors included
- Solar charger included



Code	Output
MOQ7915	140 Lumens

LEISUREQUIP RECHARGEABLE SPOTLIGHT

- Cree XP-G LED
- 6 Hour burn time
- Laser type beam
- 2 Brightness modes
- SOS flashing distress signal mode
- Swivel stand
- 230 AC or 12V DC chargers included
- LED battery level indicator



Code	Output
MOQ7841	247 Lumens

LEISUREQUIP RECHARGEABLE LED SPOTLIGHT

- 2 Brightness Modes
- Rubberised body
- 159m beam
- Standard burn time 20 hours +-
- Strong burn time 10 hours +-
- 230V AC and 12V adaptors included



Code	Output
MOQ7916	140 Lumens

LEISUREQUIP RECHARGEABLE LANTERN

- Camping Lantern 7 watt
- Water resistant
- Rubberised housing
- Charge time 12 to 15 hours
- Continuous burn time 6 hours +-
- 220V AC or 12V DC adaptors included



Code	Size
MOQ7214	7W

LEISUREQUIP 28 LED CAMPING LANTERN

- 28 Super bright LED`s
- Rubberised body
- LED battery charging light
- 230 V AC or 12V DC adaptors included
- 8 Hours to charge
- Burn time 7 hours +-



Code	Size
MOQ7879	28W

VARTA LED SPORTS HEAD LIGHT 2AAA

- Flashlights with multi or high performance LED for more rugged use
- 1 Watt, high-performance LED produces 80 lumens
- Rotating diffuser lenses allow both - long beam range as well as close-up flood light
- Red lens optimal for night vision
- Three light modes: 100% light output, 50% in battery-saving mode and signal mode (hold button down for 3 seconds)
- Water- and impact-resistant for extreme conditions
- Adjustable head strap maximizes comfort
- DETAILS

Beam Range	90m (0.25lux)
Runtime	16h
Total light output	Up to 80 Lumens
Light source	1 Watt LED



Code	Output
VAR8010	Up to 80 Lumens

LEISUREQUIP EMERGENCY LIGHT

- Power out light can be set to come on automatically when the power fails
- Uses 2 x 8 watt fluorescent tubes
- Single or double tube selector
- Single tube uses 5 hrs. + -
- Double tube uses 2.5 hrs. + -
- Battery level indicator
- Lamp test button
- Complete with 12V adaptor and 220V charger



Code	Size
MOQ7263	2x8W

HITACHI POWER TOOLS TORCHLIGHT CORDLESS - UB12D

- Cordless torchlight
- Suitable for 9.6V batteries
- Head angle is adjustable
- Convenient shoulder strap
- Batteries optional



Code	Rating
HTC-UB12D	9.6V

HITACHI POWER TOOLS TORCHLIGHT CORDLESS - UB18D

- Cordless torchlight
- Suitable for 14.4V and 18V batteries
- Head angle is adjustable
- Convenient shoulder strap
- Batteries optional



Code	Rating
HTC-UB18D	14.4V



VARTA ALKALINE - HI-ENERGY - AAA

- UNBEATABLE PERFORMANCE FOR ENERGY- INTENSIVE APPLICATIONS
- "Made in Germany"
- Powerful energy for power-hungry devices, e.g. computer devices, audio equipment, toys etc.
- DETAILS

Reference IEC	LR03
Battery size	AAA
Electrochemical System	Primary Alkaline Manganese (ZN/MN02)
Voltage	1.5V



Code	Size
VAR0600	2 pack
VAR0610	4 pack

VARTA ALKALINE - HI-ENERGY - AA

- UNBEATABLE PERFORMANCE FOR ENERGY- INTENSIVE APPLICATIONS
- "Made in Germany"
- Powerful energy for power-hungry devices, e.g. computer devices, audio equipment, toys etc.
- DETAILS

Reference IEC	LR6
Battery size	AA
Electrochemical System	Primary Alkaline Manganese (ZN/MN02)
Voltage	1.5V



Code	Size
VAR0620	2 pack
VAR0630	4 pack

VARTA ALKALINE - HI-ENERGY - C

- UNBEATABLE PERFORMANCE FOR ENERGY- INTENSIVE APPLICATIONS
- "Made in Germany"
- Powerful energy for power-hungry devices, e.g. computer devices, audio equipment, toys etc.
- DETAILS

Reference IEC	LR03
Battery size	AAA
Electrochemical System	Primary Alkaline Manganese (ZN/MN02)
Voltage	1.5V



Code	Size
VAR0650	2 pack

VARTA ALKALINE - HI-ENERGY - D

- UNBEATABLE PERFORMANCE FOR ENERGY- INTENSIVE APPLICATIONS
- "Made in Germany"
- Powerful energy for power-hungry devices, e.g. computer devices, audio equipment, toys etc.
- DETAILS

Reference IEC	LR20
Battery size	D
Electrochemical System	Primary Alkaline Manganese (ZN/MN02)
Voltage	1.5V



Code	Size
VAR0660	2 pack

VARTA ALKALINE - HI-ENERGY - 9V

- UNBEATABLE PERFORMANCE FOR ENERGY-INTENSIVE APPLICATIONS
- "Made in Germany"
- Powerful energy for power-hungry devices, e.g. computer devices, audio equipment, toys etc.
- DETAILS

Reference IEC	LR14
Battery size	9V
Electrochemical System	Primary Alkaline Manganese (ZN/MN02)
Voltage	9V



Code	Size
VAR0680	1 pack

VARTA ALKALINE - LONGLIFE - AAA

- RELIABLE PERFORMANCE FOR EVERYDAY DEVICES
- "Made in Germany"
- Long-lasting energy for devices with constant and low energy consumption, e.g. alarm clocks, wall clocks, flashlights, remote controls etc.
- DETAILS

Reference IEC	LR03
Battery Size	AAA
Electrochemical System	Primary Alkaline Manganese (ZN/MN02)
Voltage	1.5 V



Code	Size
VAR1300	2 pack
VAR1350	4 pack

VARTA ALKALINE - LONGLIFE - AA

- RELIABLE PERFORMANCE FOR EVERYDAY DEVICES
- "Made in Germany"
- Long-lasting energy for devices with constant and low energy consumption, e.g. alarm clocks, wall clocks, flashlights, remote controls etc.
- DETAILS

Reference IEC	LR6
Battery Size	AA
Electrochemical System	Primary Alkaline Manganese (ZN/MN02)
Voltage	1.5



Code	Size
VAR1000	2 pack
VAR1050	4 pack
VAR1100	6 pack

Code	Size
VAR1150	10 pack
VAR1200	16 pack

VARTA ALKALINE - LONGLIFE - MEDIUM

- RELIABLE PERFORMANCE FOR EVERYDAY DEVICES
- "Made in Germany"
- Long-lasting energy for devices with constant and low energy consumption, e.g. alarm clocks, wall clocks, flashlights, remote controls etc.
- DETAILS

Reference IEC	R14
Battery Size	C
Electrochemical System	Primary Alkaline Manganese (ZN/MN02)
Voltage	1.5 V



Code	Size
VAR1600	2 pack

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

VARTA ALKALINE - LONGLIFE - TORCH

- RELIABLE PERFORMANCE FOR EVERYDAY DEVICES
- "Made in Germany"
- Long-lasting energy for devices with constant and low energy consumption, e.g. alarm clocks, wall clocks, flashlights, remote controls etc.
- DETAILS

Reference IEC	LR20
Battery Size	D
Electrochemical System	Primary Alkaline Manganese (ZN/MN02)
Voltage	1.5 V



Code	Size
VAR1700	2 pack

VARTA ALKALINE - LONGLIFE - 9V

- RELIABLE PERFORMANCE FOR EVERYDAY DEVICES
- "Made in Germany"
- Long-lasting energy for devices with constant and low energy consumption, e.g. alarm clocks, wall clocks, flashlights, remote controls etc.
- DETAILS

Reference IEC	6LP3146
Battery Size	9V
Electrochemical System	Primary Alkaline Manganese (ZN/MN02)
Voltage	9V



Code	Size
VAR1500	1 pack

VARTA SUPERLIFE - AAA

- RELIABLE PERFORMANCE FOR EVERYDAY DEVICES
- "Made in Germany"
- Basic zinc- carbon for low-current devices with constant and low energy consumption e.g. wall clocks, remote controls etc.
- DETAILS

Reference IEC: R03P
Battery Size : AAA
Electrochemical System: Zinc Carbon (ZN/CA)
Voltage: 1.5 V



Code	Size
VAR3000	4 pack

VARTA SUPERLIFE - AA

- RELIABLE PERFORMANCE FOR EVERYDAY DEVICES
- "Made in Germany"
- Basic zinc- carbon for low-current devices with constant and low energy consumption e.g. wall clocks, remote controls etc.
- DETAILS

Reference IEC	R6
Battery Size	AA
Electrochemical System	Zinc Carbon (ZN/CA)
Voltage	1.5 V



Code	Size
VAR1900	4 pack
VAR3100	48 pack

VARTA SUPERLIFE - C

- RELIABLE PERFORMANCE FOR EVERYDAY DEVICES
- "Made in Germany"
- Basic zinc- carbon for low-current devices with constant and low energy consumption e.g. wall clocks, remote controls etc.
- DETAILS

Reference IEC	R14P
Battery Size	C
Electrochemical System	Zinc Carbon (ZN/CA)
Voltage	1.5 V



Code	Size
VAR1910	2 pack
VAR3200	24 pack

VARTA SUPERLIFE - D

- RELIABLE PERFORMANCE FOR EVERYDAY DEVICES
- "Made in Germany"
- Basic zinc- carbon for low-current devices with constant and low energy consumption e.g. wall clocks, remote controls etc.
- DETAILS

Reference IEC	R20P
Battery Size	D
Electrochemical System	Zinc Carbon (ZN/CA)
Voltage	1.5 V



Code	Size
VAR1920	2 pack
VAR3300	24 pack

VARTA SUPERLIFE - 9V

- RELIABLE PERFORMANCE FOR EVERYDAY DEVICES
- "Made in Germany"
- Basic zinc- carbon for low-current devices with constant and low energy consumption e.g. wall clocks, remote controls etc.
- DETAILS

Reference IEC	6F22
Battery Size	9V
Electrochemical System	Zinc Carbon (ZN/CA)
Voltage	9V



Code	Size
VAR1930	1 pack



VARTA ALKALINE - MAX TECH - AAA

- INTELLIGENT PERFORMANCE FOR INTELLIGENT DEVICES
- Flexible energy for high-tech devices, e.g. MP3 players, digital cameras, photoflash etc.
- Clear communication of recommended use by way of pictograms
- "Made in Germany" as the proof of origin on the blister front of the most important product types
- "Single Press Out" enables easy opening of the pack and good storage for unused batteries
- DETAILS

Reference IEC	LR03
Battery Size	AAA
Electrochemical System	Alkaline
Voltage	1.5 V



Code	Size
VAR1740	2 pack
VAR1770	4 pack

VARTA ALKALINE - MAX TECH - AA

- INTELLIGENT PERFORMANCE FOR INTELLIGENT DEVICES
- Flexible energy for high-tech devices, e.g. MP3 players, digital cameras, photoflash etc.
- Clear communication of recommended use by way of pictograms
- "Made in Germany" as the proof of origin on the blister front of the most important product types
- "Single Press Out" enables easy opening of the pack and good storage for unused batteries
- DETAILS

Reference IEC	HR03
Battery Size	AA
Electrochemical System	Alkaline
Voltage	1.5 V



Code	Size
VAR1750	2 pack
VAR1760	4 pack

VARTA POWER ACCUS AAA 800 MAH RECHARGABLE

- Once charged these new batteries still retain 80% of their capacity after one year of storage.
- VARTA Ready2Use rechargeables do not require a special charger and can be used for all applications.
- Powerful product range with all relevant sizes and capacities
- Suitable for all chargers
- "Single Press Out" enables easy opening of the pack and good storage for unused batteries
- DETAILS

Reference IEC	HR03
Battery size	AAA
Electrochemical System	Nickel-metal Hydride (NI/MH SINT)
Capacity	800 mAh
Voltage	1.2v



Code	Size
VAR2020	AAA 2 pack

VARTA POWER ACCUS AA 2100 MAH RECHARGABLE

- Once charged these new batteries still retain 80% of their capacity after one year of storage.
- VARTA Ready2Use rechargeables do not require a special charger and can be used for all applications.
- Powerful product range with all relevant sizes and capacities
- Suitable for all chargers
- "Single Press Out" enables easy opening of the pack and good storage for unused batteries
- DETAILS

Reference IEC	HR6
Battery size	AA
Electrochemical System	Nickel-metal Hydride (NI/MH SINT)
Capacity	2100 mAh
Voltage	1.2v



Code	Size
VAR2000	AA 2 pack

VARTA POWER ACCUS C 3000 MAH RECHARGABLE

- Once charged these new batteries still retain 80% of their capacity after one year of storage.
- VARTA Ready2Use rechargeables do not require a special charger and can be used for all applications.
- Powerful product range with all relevant sizes and capacities
- Suitable for all chargers
- "Single Press Out" enables easy opening of the pack and good storage for unused batteries
- DETAILS

Reference IEC	HR14
Battery size	C
Electrochemical System	Nickel-metal Hydride (NI/MH SINT)
Capacity	3000 mAh
Voltage	1.2v



Code	Size
VAR2025	C 2 pack

VARTA POWER ACCUS D 3000 MAH RECHARGABLE

- Once charged these new batteries still retain 80% of their capacity after one year of storage.
- VARTA Ready2Use rechargeables do not require a special charger and can be used for all applications.
- Powerful product range with all relevant sizes and capacities
- Suitable for all chargers
- "Single Press Out" enables easy opening of the pack and good storage for unused batteries
- DETAILS

Reference IEC	HR20
Battery size	D
Electrochemical System	Nickel-metal Hydride (NI/MH SINT)
Capacity	3000 mAh
Voltage	1.2v



Code	Size
VAR2030	D 2 pack

VARTA VARTA MINI CHARGER V6061

- Charges 2 batteries at once
- 2 AA or 2 AAA batteries overnight
- Charging time 10 hours
- 1 LED indicating charging time
- DETAILS

Cell sizes	AAA, AA
Systems to charge	Nickel Hydride (NiMH)

Cell configurations:

AAA	1 or 2 pieces
AA	1 or 2 pieces

Charge currents:

AAA	60-70 (± 20%) mA
AA	135-175 (± 20%) mA



Code	Size
VAR1800	2AA 2500MAH

VARTA VARTA MINI CHARGER V6003

- Supplied with 2 x VAR2000 AA batteries
- Charges 2 batteries at once
- 2 AA or 2 AAA batteries overnight
- Charging time 17 hours
- 1 LED indicating charging time
- DETAILS

Cell sizes	AAA, AA
Systems to charge	Nickel Hydride (NiMH)

Cell configurations:

AAA	1 or 2 pieces
AA	1 or 2 pieces

Charge currents:

AAA	60-70 (± 20%) mA
AA	135-175 (± 20%) mA



Code	Size
VAR1810	2AA 1600MAH

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

VARTA MINI CHARGER V6051

- Charges 4 batteries at once
- 2/4 AA or 2/4 AAA batteries overnight
- Safety timer – no overcharging
- 2 LED indicating charging time
- DETAILS

Cell sizes	AAA, AA
Systems to charge	Nickel Hydride (NiMH)

Cell configurations:

AAA	2 or 4 pieces
AA	2 or 4 pieces

Charge currents:

AAA	120-140 (± 20%) mA
AA	220-250 (± 20%) mA



Code	Size
VAR1830	4AA 2100MAH

VARTA UNIVERSAL CHARGER V6004

- Charges max. 4 batteries at once
- 2/4 AA or 2/4 AAA or 2/4 C or 2/4 D or 1x 9V batteries
- Timer
- Desk charger
- 3 LEDs
- Charging time 5 hours and up
- DETAILS

Cell Types	AAA, AA, C, D, 9V
Systems to charge	Nickel Hydride (NiMH)

Cell configurations:

AAA, AA, C, D, 9V	- 2 or 4 pieces
9 V	- 1 piece

Indications:

Green LED off	End of charge



Code	Size
VAR1795	V6004

VARTA LITHIUM REMOTE V 23 GA

- SPECIALTY ELECTRONICS
- Get down to the cellular level, tiny button cells provide high energy for car keys, calculators, cameras and other electronic appliances
- Type V 23 GA
- Type No 4223
- Voltage 12V
- System Primary Alkaline Manganese (ZN/MNO2)



Code	Size
VAR2200	12V

VARTA LITHIUM REMOTE CR 1632

- SPECIALTY ELECTRONICS
- Get down to the cellular level, tiny button cells provide high energy for car keys, calculators, cameras and other electronic appliances
- Type CR 1632
- Type No 6632
- Voltage 3V
- System Primary Lithium Button (LI/MN02)



Code	Size
VAR2300	3V

VARTA LITHIUM REMOTE CR 2016

- SPECIALTY ELECTRONICS
- Get down to the cellular level, tiny button cells provide high energy for car keys, calculators, cameras and other electronic appliances
- Type CR 2016
- Type No 6016
- Voltage 3V
- System Primary Lithium Button (LI/MN02)



Code	Size
VAR2350	3V

VARTA LITHIUM - REMOTE - CR2025

- SPECIALTY ELECTRONICS
- Get down to the cellular level, tiny button cells provide high energy for car keys, calculators, cameras and other electronic appliances
- Type CR 2025
- Type No 6025
- Voltage 3V
- System Primary Lithium Button (LI/MN02)



Code	Size
VAR2400	3V

VARTA LITHIUM REMOTE CR 2032

- SPECIALTY ELECTRONICS
- Get down to the cellular level, tiny button cells provide high energy for car keys, calculators, cameras and other electronic appliances
- Type CR 2032
- Type No 6032
- Voltage 3V
- System Primary Lithium Button (LI/MN02)



Code	Size
VAR2450	3V

VARTA



INNOVATION, COMPETENCE AND QUALITY

EXCLUSIVELY FROM VARTA!

LONGLIFE - HIGH ENERGY - MAX TECH

Batteries exclusively from VARTA.

LONGLASTING

POWER

PRECISE ENERGY

With its new TriEnergy concepr, VARTA is once again leading the way in the alkaline market. The clearly differentiated product lines in the new design make it easy for you to select the right energy for all devices.

Just like in sport where each discipline places different energy demands on the athlete, battery driven devices also demand different types of energy.

Only the VARTA TriEnergy system delivers always the right energy for the best solution in each device. Power alone is not enough.

Consequently, the batteries have been significantly optimised for their dimension of performance. Endurance, power and precise energy are the supporting pillars of the VARTA TriEnergy concept.

The resulting benefit for you is immense: just the right energy for maximum performance.



Hardware

489 Batteries

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

Lifting & Rigging

BURNCRETE

LIFTING • RIGGING • LASHING • PULLING



Lifting & Rigging

Burncrete's core business is the supply of lifting, rigging, pulling and lashing equipment to the mining, industrial, construction, transport, railways and harbours sectors, via re-sellers, agents and distributors. Burncrete is strictly a wholesaler and does not sell to end users.

If you would like to find out more about these products or your nearest distributor go to **www.burncrete.co.za**

Alternatively you can call **(+27 11) 613-3851/2/3/4** or e-mail **sales@burncrete.co.za**



Steel Wire Rope



Wire Rope Slings & Fitted Ropes



Grade 80 & 100 Chain & Fittings



Chain



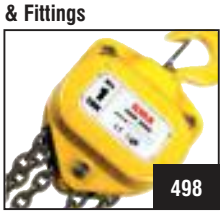
Webbing Slings



Electric Hoists



Rolacrawls



Chain Blocks



Lever Blocks



Maxigrabs



Wire Rope Winches



Shackles

BURNCRETE STEEL WIRE ROPES

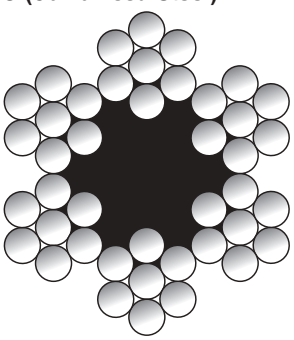
- Steel wire ropes are available in a variety of diameters, constructions and finishes
- The following types of ropes are available from our range of stock



Construction: 6 x 7 FC (Galvanised Steel)

From 1.5 - 10mm

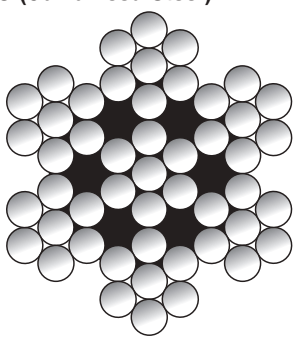
Code
WR01,5/6X7G
WR02,0/6X7G
WR02,5/6X7G
WR03,0/6X7G
WR04/6X7G
WR05/6X7G
WR06/6X7G
WR08/6X7G
WR10/6X7G



Construction: 7 x 7 WMC (Galvanised Steel)

From 1 - 6mm

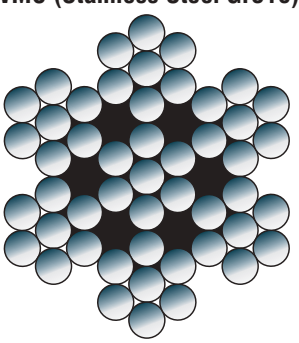
Code
WR01,0/7X7G
WR01,5/7X7G
WR02,0/7X7G
WR02,5/7X7G
WR03,0/7X7G
WR03,5/7X7G
WR04/7X7G
WR05/7X7G
WR06/7X7G



Construction: 7 x 7 WMC (Stainless Steel Gr316)

1 & 1.5mm

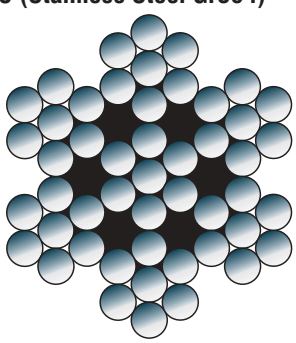
Code
WR01,0/7X7S
WR01,5/7X7S



Construction: 7 x 7 WMC (Stainless Steel Gr304)

1 - 5mm

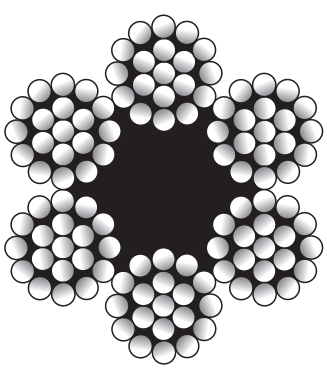
Code
WR01,0/7X7SS
WR01,5/7X7SS
WR02,0/7X7SS
WR02,5/7X7SS
WR03,0/7X7SS
WR04/7X7SS
WR05/7X7SS



Construction: 6 x 19 FC (Galvanised Steel)

From 3.0 - 22mm

Code
WR03,0/6X19G
WR04/6X19G
WR05/6X19G
WR06/6X19G
WR08/6X19G
WR10/6X19G
WR13/6X19G (9/9/1)
WR16/6X19G (9/9/1)
WR19/6X19G (9/9/1)
WR22/6X19G (9/9/1)



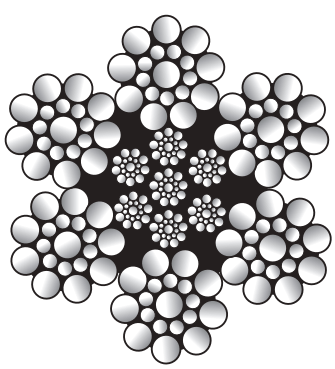
Construction: 6 x 19 IWRC (Galvanised Steel)

From 8.0 - 16mm

Code
WR08/6X19GIWRC
WR10/6X19GIWRC
WR11/6X19GIWRC
WR13/6X19GIWRC
WR16/6X19GIWRC

Ungalvanised 8.0 & 16

Code
WR08/6X19BIWRC
WR16/6X19BIWRC



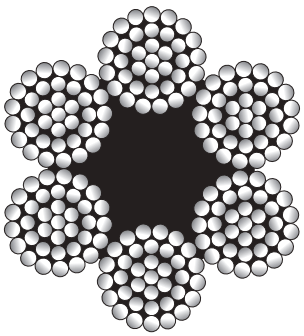
BURNCRETE STEEL WIRE ROPES

- Steel wire ropes are available in a variety of diameters, constructions and finishes
- The following types of ropes are available from our range of stock

Construction: 6 x 36 FC (Galvanised Steel)

From 6 - 38mm

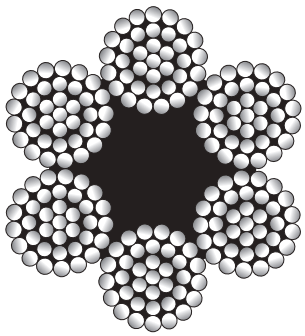
Code
WR06/6X36G
WR08/6X36G
WR09,0/6X36G
WR10/6X36G
WR11/6X36G
WR12/6X36G
WR13/6X36G
WR14/6X36G
WR16/6X36G
WR18/6X36G
WR19/6X36G
WR20/6X36G
WR22/6X36G
WR24/6X36G
WR26/6X36G
WR28/6X36G
WR32/6X36G
WR38/6X36G



Construction: 6 x 36 FC (Ungalvanised Steel)

From 6 - 56mm

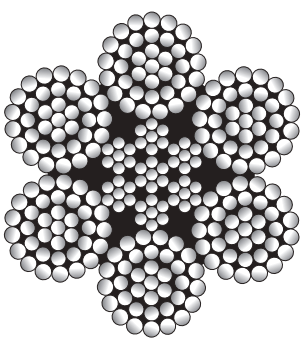
Code
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WR08/6X36B
WR09,0/6X36B
WR10/6X36B
WR11/6X36B
WR12/6X36B
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WR14/6X36B
WR16/6X36B
WR18/6X36B
WR19/6X36B
WR20/6X36B
WR22/6X36B
WR24/6X36B
WR26/6X36B
WR28/6X36B
WR32/6X36B
WR38/6X36B
WR44/6X36B
WR50/6X36B
WR56/6X36B



Construction: 6 x 36 IWRC (Galvanised Steel)

From 6 - 56mm

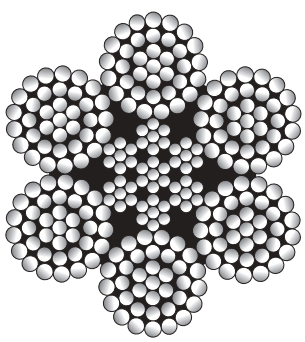
Code
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WR08/6X36GIWRC
WR09,0/6X36GWC
WR10/6X36GIWRC
WR11/6X36GIWRC
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WR13/6X36GIWRC
WR14/6X36GIWRC
WR16/6X36GIWRC
WR18/6X36GIWRC
WR19/6X36GIWRC
WR20/6X36GIWRC
WR22/6X36GIWRC
WR24/6X36GIWRC
WR26/6X36GIWRC
WR28/6X36GIWRC
WR32/6X36GIWRC
WR38/6X36GIWRC
WR44/6X36GIWRC
WR50/6X36GIWRC
WR56/6X36GIWRC



Construction: 6 x 36 IWRC (Ungalvanised Steel)

From 6 - 38mm

Code
WR06/6X36BIWRC
WR08/6X36BIWRC
WR09,0/6X36BWC
WR10/6X36BIWRC
WR11/6X36BIWRC
WR12/6X36BIWRC
WR13/6X36BIWRC
WR14/6X36BIWRC
WR16/6X36BIWRC
WR18/6X36BIWRC
WR19/6X36BIWRC
WR20/6X36BIWRC
WR22/6X36BIWRC
WR24/6X36BIWRC
WR26/6X36BIWRC
WR28/6X36BIWRC
WR32/6X36BIWRC
WR38/6X36BIWRC





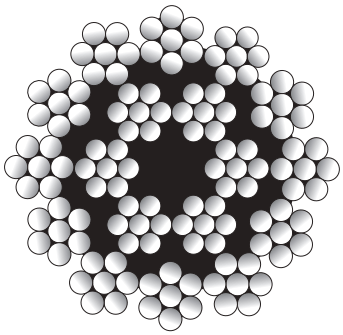
BURNCRETE STEEL WIRE ROPES

- Steel wire ropes are available in a variety of diameters, constructions and finishes
- The following types of ropes are available from our range of stock

Construction: 18 x 7 FC (Ungalvanised Steel)

From 6 - 8mm

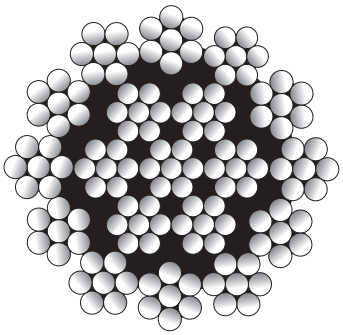
Code
WR06/18X7B
WR07,0/18X7B
WR07,5/18X7B
WR08/18X7B



Construction: 19 x 7 WMC (Ungalvanised Steel)

From 9 - 28mm

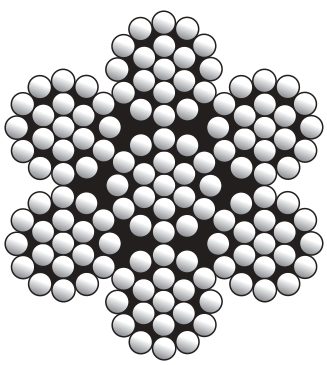
Code
WR09,0/19X7B
WR09,5/19X7B
WR10/19X7BWMC
WR11/19X7BWMC
WR12/19X7BWMC
WR13/19X7BWMC
WR14/19X7BWMC
WR15/19X7BWMC
WR16/19X7BWMC
WR17/19X7BWMC
WR18/19X7BWMC
WR19/19X7BWMC
WR20/19X7BWMC
WR22/19X7BWMC
WR24/19X7BWMC
WR26/19X7BWMC
WR28/19X7BWMC



Construction: 7 x 19 WMC (Galvanised Steel)

3.5 & 4mm

Code
WR03,5/7X19G
WR04/7X19G



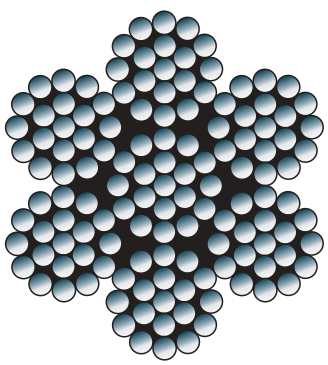
Construction: 7 x 19 WMC (Stainless Steel Gr304 & 316)

Gr 316 from 2 - 19mm

Code
WR02,0/7X19S
WR02,5/7X19S
WR03,0/7X19S
WR04/7X19S
WR05/7X19S
WR06/7X19S
WR08/7X19S
WR10/7X19S
WR13/7X19S
WR16/7X19S
WR19/7X19S

Gr 304 from 6 - 19mm

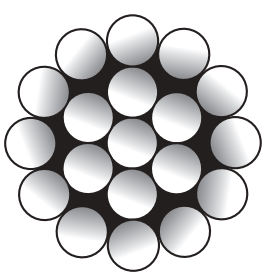
Code
WR06/7X19SS
WR08/7X19SS
WR10/7X19SS
WR13/7X19SS
WR16/7X19SS
WR19/7X19SS



Construction: 1 x 19 WMC (Galvanised Steel)

From 1 - 6mm

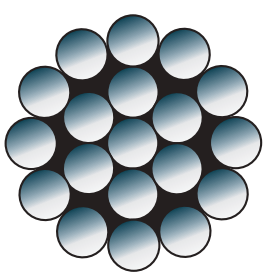
Code
WR01,0/1X19G
WR01,2/1X19G
WR01,25/1X19G
WR01,5/1X19G
WR02,0/1X19G
WR02,5/1X19G
WR02,8/1X19G
WR03,0/1X19G
WR03,5/1X19G
WR04/1X19G
WR06/1X19G



Construction: 1 x 19 WMC (Stainless Steel Gr316)

From 1 - 6mm

Code
WR01,0/1X19S
WR01,5/1X19S
WR02,0/1X19S
WR02,5/1X19S
WR03,0/1X19S
WR03,5/1X19S
WR04/1X19S
WR06/1X19S



BURNCRETE STEEL WIRE ROPES

- Steel wire ropes are available in a variety of diameters, constructions and finishes
- The following types of ropes are available from our range of stock

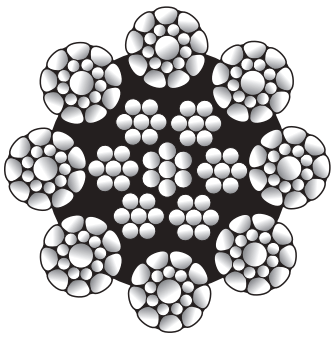
Construction: 8 x 19 Compacted (Ungalvanised Steel)

RHRL from 7.5 - 11mm

Code
WR07,5/8X19BCO
WR08/8X19BCOMP
WR09,0/8X19BCO
WR11/8X19BCOMP

LHRL from 7.5 - 11mm

Code
WR08/8X19LHR
WR09,0/8X19LHR
WR11/8X19 LHRL



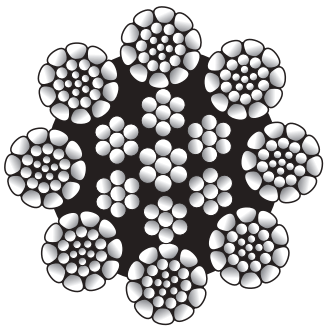
Construction: 8 x 26 Compacted (Ungalvanised Steel)

From 13 - 20mm

Code
WR13/8X26BCOMP
WR14/8X26BCOMP
WR16/8X26BCOMP
WR19/8X26BCOMP
WR20/8X26BCOMP

LHRL 13 & 14mm

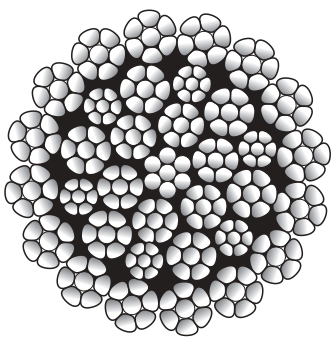
Code
WR13/8X26 LHRL
WR14/8X26 LHRL



Construction: 35 x 7 WMC Compacted (Ungalvanised Steel)

From 10 - 22mm

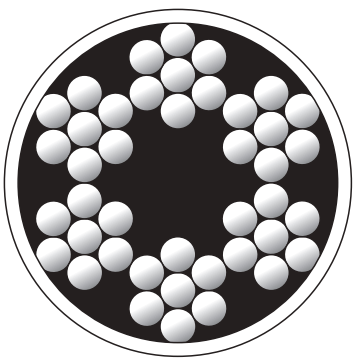
Code
WR10/35X7BCOMP
WR11/35X7BCOMP
WR12/35X7BCOMP
WR13/35X7BCOMP
WR14/35X7BCOMP
WR15/35X7BCOMP
WR16/35X7BCOMP
WR17/35X7BCOMP
WR18/35X7BCOMP
WR19/35X7BCOMP
WR20/35X7BCOMP
WR22/35X7BCOMP



Construction: PVC Clear Covered (Galvanised Steel)

2-3mm; 2.5-5mm; 3-5mm; 4-6mm; 6-8mm; 8-10mm

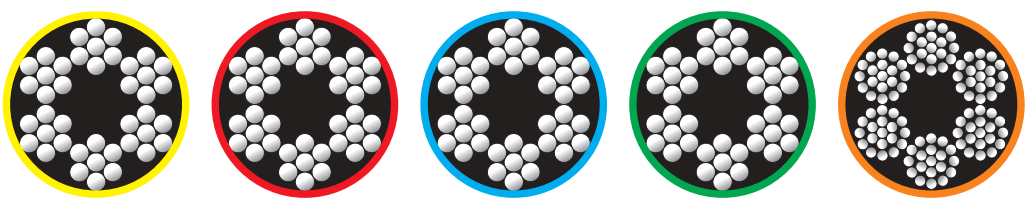
Code
WR02,0/PVC3
WR02,5/PVC5
WR03,0/PVC5
WR04/PVC6
WR06/PVC8
WR08/PVC10



Construction: PVC Transparent Colour Covered (Galvanised Steel)

2-3mm; 3-5mm; 4-6mm; 6-8mm; 8-10mm

Code
WR02,0/PVC3Y
WR03,0/PVC5R
WR04/PVC6B
WR06/PVC8G
WR08/PVC10O







Ropes are supplied in any length with end fittings and terminations as required.

BURNCRETE WIRE ROPE SLINGS & FITTED ROPES

- Steel wire rope slings and fitted ropes are made to order in a variety of rope diameters, constructions and finishes
- Slings are made with soft eyes or thimbled eyes, and end fittings may be specified
- Slings and fitted ropes range from 1,5mm to 56mm diameters and can be made with the following:
  - Fibre core or IWRC rope
  - Aluminium, steel or copper ferrules
  - Light duty, heavy duty (BS spec) or solid thimbles
  - Ungalvanised, galvanised or stainless steel rope





Code: SL

Rope diameter, construction and finish, eye (soft or thimble) and end fittings must be specified

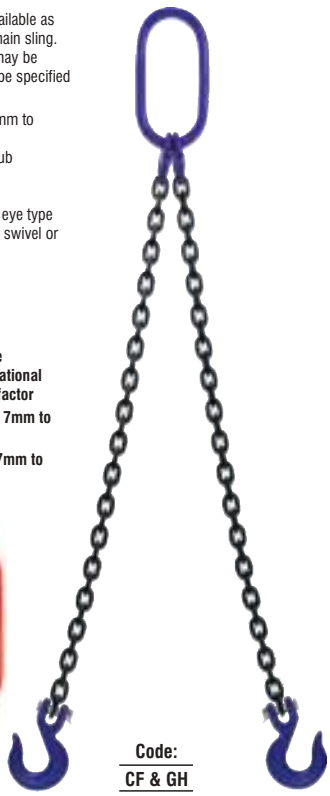
BURNCRETE GRADE 80 & 100 CHAIN & FITTINGS

- Grade 80 & 100 chains and fittings are available as individual items or may be ordered as a chain sling. Chain slings are made with up to 4 legs, may be made adjustable and various fittings may be specified as desired
- The following fittings are available from 7mm to 32mm:
  - Master link (one leg and two legs) and sub assembly (three or four legs)
  - Chain connector
  - Sling hook (c/w safety latch) in clevis or eye type
  - Self-locking hook (trigger type) in clevis, swivel or eye type
  - Foundry hook in clevis or eye type
  - Cradle grab hook in clevis or eye type
  - Clevis type shackles

- **All grade 80 & 100 chain and fittings are manufactured to meet the highest international safety standards and carry a 4:1 safety factor**
- **Grade 100 lifting chain is available from 7mm to 16mm diameters**
- **Grade 80 lifting chain is available from 7mm to 32mm diameters**







Code: CF & GH

BURNCRETE CHAIN - GRADE 30 & 43

- Grade 43 lashing and load binder chain is available in 7mm (1/4"), 10mm (3/8") and 13mm (1/2") diameters
- Grade 30 mild steel chain for general (non-lifting) and decorative purposes is offered in long link, short link and extra long link
- Short link chain is available from 6mm to 10mm diameters, self-colour and galvanised
- Long link chain is available in 3mm to 20mm diameters, self-colour and galvanised
- Extra long link chain is available in 7mm, 10mm and 16mm diameters, self-colour and galvanised
- These chains are not calibrated.
- Stainless steel chain for general purpose and rust problem applications are available in 3mm to 16mm diameters.





Code: CH

BURNCRETE POLYESTER WEBBING SLING ENDLESS TYPE

- Technical specifications
  - Colour coded for easy identification of SWL.
  - Manufactured to comply with EN 1492-2:2000 and SANS 94-2:2003.
- **Safety Factor: 7:1**



Code: NSRS

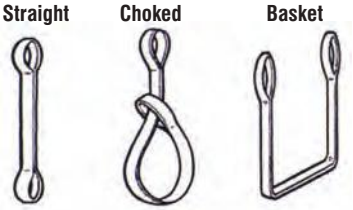
BURNCRETE POLYESTER DUPLEX FLAT WEBBING SLING

- Technical specifications
  -Wide & flat load bearing surface
  -Complete with reinforced soft eyes
  -Capacity from 1t to 12t
  -Colour coded for easy identification of SWL
  - Manufactured to comply with EN 1492-1:2000 and SANS 94-1:2003
- **Safety Factor: 7:1**



Code: NSFD

Working Load Chart



		1.0	0.8	2.0
WLL 1T	Violet	1.000	800	2.000
WLL 2T	Green	2.000	1.600	4.000
WLL 3T	Yellow	3.000	2.400	6.000
WLL 4T	Grey	4.000	3.200	8.000
WLL 5T	Red	5.000	4.000	10.000
WLL 6T	Brown	6,000	4,800	12,000

COLOUR CODED ACCORDING TO EN 1492-1

BURNCRETE FITOP ELECTRIC HOISTS



- FITOP electric chain hoists are heavy duty units suitable for tough South African conditions
- Manufactured in accordance with ISO 9002 certified quality system standards
- SPECIAL FEATURES:
  - High duty cycle, 360 starts per hour standard
  - High output motors
  - Ideal lifting speeds
  - True modular design
  - Grade 80 alloy load chain, 6:1 safety factor
  - Unique D.C. brake design does not break the kinetic bond between the holding brake and the lifted load
  - Manual release mechanism on brake in case of power failure
  - Overload protection via advanced external slip clutch

- **FITOP electric chain hoists are available from 1/2 ton to 5 ton**
- **All sizes are available in single or dual speed using either 380V or 525V**
- **A full range of spare parts is also available for all capacities**

Code:
FICU

BURNCRETE DUKE ELECTRIC HOISTS





- Duke electric chain hoists and builders hoists are lightweight and compact units, suitable for commercial and private applications
- Manufactured in accordance with ISO 9002 certified quality system standards
- SPECIAL FEATURES - HOIST:
  - Uses 220V Single Phase
  - Built-in overload prevention device
  - Double brake system
  - Designed for weather and dust protection
  - Grade 80 alloy load chain, 6:1 safety factor
- SPECIAL FEATURES - WINCH:
  - Uses 220V Single Phase
  - Plug-in connections for maximum portability and ease of mounting
  - Built-in limit switch to prevent over-winding
  - Complete with 360° universal joint saddle hook
- **Duke electric chain hoists are available in 500Kg or 1 000Kg capacities**
- **Duke builders hoists are available in 250Kg capacity**

Code:
DU

BURNCRETE ROLACRAWLS



- Rolacrawl crawls are quick adjusting trolleys, with wide beam capacity. They use a screw-adjusting load bar for securing and adjusting the side plates.



Capacity	Geared Beam Code (3 Metre Lift)	Geared Beam width (mm)	Plain Beam Code	Plain Beam width (mm)
1/2 ton	-	n/a	CRRP005	50 - 220
1 ton	CRRG010/3M	58 - 220	CRRP010	58 - 220
2 ton	CRRG020/3M	66 - 220	CRRP020	66 - 220
3 ton	CRRG030/3M	74 - 220	CRRP030	74 - 220
5 ton	CRRG050/3M	90 - 220	CRRP050	90 - 220

BURNCRETE CHAIN BLOCKS - ILULA

- Ilula Chain Blocks are of lightweight but robust construction, manufactured in accordance with ISO 9002 certified quality system standards
- Compliant with EC Council Directive 89/37/EC Machinery, ASME B30, AS1418.2
- SPECIAL FEATURES:
  - Extra-thick asbestos free friction plates
  - Double pawl braking system
  - Lipped hooks, providing extra safety
  - Double cover protection on brake side
  - Galvanized hand chain

CODE	Capacity	Standard Lift
ICC005-3M	500kg	3m
ICC010-3M	1000kg	3m
ICC015-3M	1500kg	3m
ICC020-3M	2000kg	3m
ICC030-3M	3000kg	3m
ICC050-3M	5000kg	3m
ICC100-3M	10000kg	3m
ICC200-3M	20000kg	3m



- **Ilula Chain Blocks are available from 1/2 ton to 20 ton**
- **All units are supplied complete with chain fitted to order**
- **Each unit is proof-loaded prior to supply**
- **A full range of spare parts is available**

BURNCRETE LEVER BLOCKS - ILULA

- Ilula Lever Blocks are of lightweight but robust construction, manufactured in accordance with ISO 9002 certified quality system standards
- Compliant with EC Council Directive 89/37/EC Machinery, ASME B30, AS1418.2
- SPECIAL FEATURES:
  - Extra-thick asbestos-free friction plates
  - Double pawl braking system
  - Lipped hooks, providing extra safety
  - Time-saving rapid free-wheeling system
  - Unique holding system, ensuring that chain cannot free-wheel under load in the event of neutral being accidentally engaged
- **Ilula Lever Blocks are available from 3/4 ton to 9 ton, with load chain as required**
- **A full range of spare parts is available for all sizes**

CODE	Capacity	Standard Pull
ILC025-1,5M	250kg	1,5m
ILC075-3M	750kg	3m
ILC150-3M	1500kg	3m
ILC300-3M	3000kg	3m
ILC600-3M	6000kg	3m
ILC900-3M	9000kg	3m



BURNCRETE MAXI-GRABS

- Maxigrab horizontal plate grabs are sold in pairs
- Light and compact medium duty grabs designed for handling of single sheets

Horizontal



CODE	Capacity	Jaw opening (mm)
MGH01500	1,5 ton (per pair)	0 - 20
MGH03000	3 ton (per pair)	0 - 45
MGH04000	4 ton (per pair)	0 - 45
MGH05000	5 ton (per pair)	0 - 50
MGH08000	8 ton (per pair)	0 - 85

BURNCRETE MAXI-GRABS

- Maxigrab vertical plate grabs are pull-ring opening medium duty grabs that are lightweight and compact

Vertical



CODE	Capacity	Jaw opening (mm)
MGV1000	1 ton	0 - 22
MGV2000	2 ton	0 - 30
MGV3000	3 ton	0 - 35
MGV5000	5 ton	5 - 45
MGV8000	8 ton	5 - 55

BURNCRETE MAXI-GRABS

- Maxigrab universal plate grabs are designed for lifting steel plates in both horizontal and vertical positions

Universal



CODE	Capacity	Jaw opening (mm)
MGU1000	1 ton	0 - 20
MGU2000	2 ton	0 - 25
MGU3000	3 ton	0 - 30
MGU5000	5 ton	0 - 50
MGU8000	8 ton	0 - 45

BURNCRETE MAXIWINCH WIRE ROPE WINCHES

1. ***Built-in shearing pin***
Prevens overloading. It functions at approx. 25% overload and the pins can be replaced without removing the load.

2. ***Backward & Forward levers***
Placed in tandem providing a slim design and assuring power transfer along the centre.

3. ***Spare shear pins***
Two pieces of spare shear pins located in the carrying handle.

4. ***Rope clamp system***
Easily disengaged with a lever allowing smooth installation of wire rope.

5. ***High strength cast aluminium alloy body***
Lightweight, simple to operate. Smooth contour design for large, flat bottom surface for increased stability in horizontal as well as vertical working position.



- The Maxiwinch wire rope winch is a light and compact aluminium bodied winch suitable for pulling, lifting, tensioning and releasing in any direction. Maxiwinches are available in the following capacities, with rope lengths made to order:

Maxiwinch Unit

Code	Capacity
MWU08	800kg
MWU16	1600kg
MWU32	3200kg
MWU54	5400kg

Maxiwinch Rope

Code	Diameter
MWR08/20	8mm
MWR16/20	11mm
MWR32/20	16mm
MWR54/20	20mm

BURNCRETE SHACKLES

- Federal specification RR-C-271b shackles recommended for lifting are available in screw pin (used mainly for non-permanent applications) or safety type bolt, nut and split-pin ("BNS") (used for long-term applications)
- Both types are galvanised and available in bow or dee shape





Capacity (short tons)	Screw pin Bow	Screw pin Dee	BNS Bow	BNS Dee
0.50	SH06X08B	SH06X08D	-	-
.75	SH08X10B	SH08X10D	-	-
1	SH10X11B	SH10X11D	SHBNS10X11B	SHBNS10X11D
1.5	SH11X13B	SH11X13D	SHBNS11X13B	SHBNS11X13D
2	SH13X16B	SH13X16D	SHBNS13X16B	SHBNS13X16D
3.25	SH16X20B	SH16X20D	SHBNS16X20B	SHBNS16X20D
4.75	SH20X22B	SH20X22D	SHBNS20X22B	SHBNS20X22D
6.5	SH22X25B	SH22X25D	HBNS22X25B	SHBNS22X25D
8.5	SH25X28B	SH25X28D	SHBNS25X28B	SHBNS25X28D
9.5	SH28X32B	SH28X32D	SHBNS28X32B	SHBNS28X32D
12	SH32X35B	SH32X35D	SHBNS32X35B	SHBNS32X35D
13.5	SH35X38B	SH35X38D	SHBNS35X38B	SHBNS35X38D
17	SH38X42B	SH38X42D	SHBNS38X42B	SHBNS38X42D
25	SH44X51B	SH44X51D	SHBNS44X51B	SHBNS44X51D
35	SH50X56B	SH50X56D	SHBNS50X56B	SHBNS50X56D
55	SH65X70B	SH65X70D	SHBNS65X70B	SHBNS65X70D
85	-	-	SHBNS76X85B	SHBNS76X85D
120	-	-	SHBNS89X95B	SHBNS89X95D
150	-	-	SHBNSB102X108	-

Locks

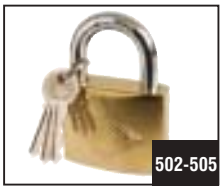


Locks

Now it's easy to find just the right padlock for any security application.

Choose from a wide selection of padlocks suitable for medium to high quality insurance quality and suitable for indoor and outdoor use.

For doors around the home we offer a complete range of matched mortice locks, lock sets and handles plus a selection of miscellaneous locks and accessories suitable for hundreds of uses around the home.



Padlocks



Padlock Accessories



Mortice Locks



Door Handles & Knobs



Entrance Locks



Night Latches



Security Locks



Miscellaneous Locks & Accessories



Lock Blockers & Keys

IRON PADLOCKS

- A standard grade padlock iron construction
- Chromium plated shackle
- Suitable for indoor application or where there is little moisture



Code	Size
HON4990	20mm
HON4992	25mm
HON4994	32mm
HON4996	38mm
HON4998	50mm
HON5000	63mm

IRON PADLOCKS

- A premium grade brass padlock
- Hardened shackle
- Chromium plated shackle
- Double shackle latches
- Solid Brass cylinder plug with rim and anti -picking device
- With 3 keys
- Suitable for outdoor applications where resistance to the elements is important



Code	Size
TRC0005	20mm
TRC0010	25mm
TRC0015	32mm

Code	Size
TRC0020	38mm
TRC0025	50mm
TRC0030	63mm

BRASS PADLOCKS

- A premium grade padlock of solid brass construction
- Chromium plated shackle
- Suitable for outdoor applications where resistance to the elements is important



Code	Size
HON5005	20mm
HON5007	25mm
HON5009	32mm
HON5011	38mm
HON5013	50mm
HON5015	63mm

BRASS PADLOCKS

- A premium grade brass padlock
- Hardened shackle
- Chromium plated shackle
- Double shackle latches
- Solid Brass cylinder plug with rim and anti -picking device
- With 3 keys
- Suitable for outdoor applications where resistance to the elements is important



Code	Size
TRC0035	20mm
TRC0040	25mm
TRC0045	32mm

Code	Size
TRC0050	38mm
TRC0055	50mm
TRC0060	63mm

BRASS PADLOCKS

- Diamond shape solid brass
- Are available in an extensive range of sizes depending on the application
- From small stylish luggage locks, up to 70mm for heavy duty applications
- The larger sizes are ideal for securing gates, workshops and sheds
- 2 keys per lock



Code	Size	Ref
MAS1200	20mm	Ma205326
MAS1280	30mm	MA205329
MAS1400	40mm	MA205335

Code	Size	Ref
MAS1600	50mm	MA205344
MAS1750	60mm	MA205346
MAS1800	70mm	MA205347

BRASS PADLOCKS KEYED ALIKE

- A premium grade brass padlock
- Hardened shackle
- Chromium plated shackle
- Double shackle latches
- Solid Brass cylinder plug with rim and anti -picking device
- Suitable for outdoor applications where resistance to the elements is important



Code	Size
TRC0145	32mm
TRC0150	38mm
TRC0155	50mm

BRASS PADLOCKS KEYED ALIKE

- Diamond shape solid brass
- They are available in an extensive range of sizes depending on the application
- The larger sizes are ideal for securing gates, workshops and sheds
- One key opens all padlocks in the set



Code	Ref	Size	Packs
MAS1190	MA205768	15mm	3 locks
MAS1240	MA208003	20mm	4 locks
MAS1310	MA205744	30mm	2 locks
MAS1320	MA205772	30mm	4 locks
MAS1460	MA205342	40mm	2 locks
MAS1470	MA207768	40mm	4 locks
MAS1480	MA400020	40mm	6 locks
MAS1640	MA400052	50mm	2 locks
MAS1660	MA400053	50mm	4 locks

BRASS PADLOCKS LONG SHACKLE

- Diamond shape solid brass
- Standard body with a longer shackle height
- Larger sizes are ideal for securing gates, workshops and sheds
- 2 keys per lock
- **MAS1680** - Removable and adjustable hardened steel shackle, adjusts from 70mm to 155mm



Code	Ref	Size	Shackle Clearance
MAS1510	MA203541	40mm	38mm
MAS1680	MA300039	50mm	70mm-155mm
MAS1685	MA205345	50mm	64mm

BRASS PADLOCKS LONG SHACKLE

- A premium grade brass padlock
- Hardened shackle
- Chromium plated shackle
- Double shackle latches
- Solid Brass cylinder plug with rim and anti - picking device
- With 3 keys
- Suitable for outdoor applications where resistance to the elements is important



Code	Size
TRC0090	32mm
TRC0095	38mm
TRC0100	50mm

BRASS COMBINATION PADLOCKS

- Solid brass body for strength and weather-ability
- Set your own combination
- Resettable to allow for a personalized combination



Code	Ref	Size	Combination
MAS1230	MA207771	20mm	3 dial
MAS1290	MA207772	30mm	3 dial
MAS1430	MA300060	40mm	4 dial

BRASS INSURANCE PADLOCKS

- Top quality solid brass padlock with superior security rating
- Extremely difficult to cut or break
- Ideal for outdoor use and high protection



Code	Size
HON5018	65mm

BRASS INSURANCE PADLOCKS

- Solid brass body, with horizontal hardened steel shackle
- Horizontal security locking makes the shackle difficult to attack
- 2 keys per lock



Code	Ref	Size
MAS1090	MA205349	76mm
MAS1080	MA205766	85mm

STAINLESS STEEL INSURANCE PADLOCKS

- Top quality solid brass padlock with superior security rating
- Extremely difficult to cut or break
- Ideal for outdoor use and high protection



Code	Size
HON5020	70mm
HON5080	80mm

STAINLESS STEEL SPIN DIAL COMBINATION PADLOCK

- Double-armored stainless steel body
- Hardened steel shackle for extra cut resistance
- 3 digit dialing



Code	Ref	Size
MAS1530	MA205386	48mm

DISCUS PADLOCK

- Rust proof, stainless steel construction
- Resists attack from bolt cutters and saws due to its shape
- Ideal for outdoor use and higher protection



Code	Size
MTS3588	70mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

PADLOCK - HIGH SECURITY - DISCUS RH5/218B

- A strong security lock manufactured to withstand hard use for indoors or outdoors and provides dependable protection
- Tough, corrosion resistant stainless steel outer case with brass cylinder and high security pin tumbler locking mechanism
- Rugged steel shackle, is case hardened for resistance to cutting and sawing
- Chrome plated
- Complete with 2 precision cut nickel plated brass keys



Code	Size
RIC2300	70mm

DISCUS PADLOCK

- Shielded lock design minimizes shackle exposure, making it less vulnerable to cutting and sawing
- Hardened double locking shackle
- Stainless steel body resists corrosion
- Special order keyed-alike available
- 2 keys per lock



Code	Ref	Size
MAS1830	MA205394	70mm

DISCUS PADLOCK - HIGH SECURITY

- Stainless steel body
- Octagonal boron-carbide shrouded shackles 50% stronger
- 4 keys per lock



Code	Ref	Size
MAS2150	MA450020	70mm

HIGH SECURITY LAMINATED STEEL PADLOCKS

- Laminated steel case, with stainless steel and zinc cover
- Octagonal boron-carbide shackles 50% stronger
- Dual ball bearing locking 50% more pull strength
- 4 keys per lock



Code	Ref	Size	Clearance
MAS2100	MA450000	45mm	38mm
MAS2110	MA450004	50mm	24mm

HIGH SECURITY LAMINATED WEATHERPROOF PADLOCKS

- Laminated steel case, with thermoplastic weather proof cover
- Octagonal boron-carbide shackles 50% stronger
- Dual ball bearing locking 50% more pull strength 4 keys per lock



Code	Ref	Size	Clearance
MAS2140	MA450015	50mm	38mm
MAS2160	MA450017	64mm	51mm

HIGH SECURITY LAMINATED STEEL KEYED-ALIKE PADLOCK PACKS

- Laminated steel case, with stainless steel and zinc cover
- Octagonal boron-carbide shackles 50% stronger
- Dual ball bearing locking 50% more pull strength
- One key opens all padlocks in the set



Code	Ref	Size	Pack
MAS2120	MA450002	45mm	3 locks

LAMINATED STEEL PADLOCK

- Wide laminated steel body for superior strength with hardened steel shackle
- Dual locking levers for extra pry resistance
- Hardened bottom plate for drill resistance



Code	Ref	Size
MAS1490	MA205294	44mm

HIGH SECURITY COMBINATION PADLOCK

- Chrome-plated zinc die-cast body for corrosion resistance
- Octagonal boron-carbide shackle 50% stronger
- Covered dials for superior weather protection



Code	Ref	Size	Description
MAS2125	MA450035	50mm	Die cast 4 dial

HIGH SECURITY SOLID STEEL PADLOCK

- Chrome-plated solid steel body for corrosion resistance
- Octagonal boron-carbide shackles 50% stronger
- Dual ball bearing locking 50% more pull strength
4 keys per lock



Code	Ref	Size
MAS2130	MA450030	54mm

HIGH SECURITY BRASS FINISH PADLOCKS

- Laminated steel case, and zinc cover with brass finish
- Octagonal boron-carbide shackles 50% stronger
- Dual ball bearing locking 50% more pull strength
- 4 keys per lock



Code	Ref	Size	Clearance
MAS2165	MA455000	45mm	20mm
MAS2170	MA455002	45mm	38mm
MAS2175	MA455003	50mm	24mm
MAS2180	MA455008	64mm	38mm

CABLE COMBINATION LOCK

- Combination resettable
- Braided steel wires for strength and flexibility
- Galvanized steel cable resists cutting
- Vinyl coating helps prevent rusting



Code	Ref	Size
MAS1020	MA300034	1.5m x 10mm

CABLE LOCK

- Self coiling steel cable
- Vinyl coating helps prevent rusting
- Assorted colours



Code	Ref	Size
MAS1000	MA300019	1.8m x 8mm

CABLE ONLY

- Braided steel wires for strength and flexibility
- Convenient loops with rust-resistant sleeves and scratch guards
- Galvanized steel cable resists cutting
- Vinyl coating helps prevent rusting



Code	Ref	Size
MAS1050	MA300031	1.8m x 10mm

HIGH SECURITY CHAINS

- Hardened steel, square link
- Vinyl protective cover
- 5 Times stronger



Code	Ref	Size
MAS2185	MA823050	1.5m x 6mm
MAS2190	MA823080	1m x 8mm

LOCKOUT HASPS - STEEL

- Lockout multiple workers at each point
- Steel jaw with vinyl coated handle



Code	Ref	Size
MAS1094	MA205396	25mm
MAS1096	MA205397	38mm

REBATE KITS

- Manufactured from Zinc/Steel
- For standard Mortice lock
- Door closer for hollow core doors



Code	Descr
MAK30627	Brass Plated
MAK30634	Chrome Plated

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

MORTICE DOOR LOCKS & HANDLES

- Professional door lock with furniture
- Solid brass latch and bolt
- Pressed heavy duty stainless steel handles
- 3 keys
- Complete with all fixing screws



Code	Rating	Finish
MAS6050	2 Lever	S/Steel
MAS6060	3 Lever	S/Steel
MAS6070	4 Lever	S/Steel

MORTICE DOOR LOCKS & HANDLES

- Professional door lock with furniture
- Solid brass latch and bolt
- Die cast heavy duty handles
- 3 keys
- Complete with all fixing screws



Code	Rating	Finish
MAS6000	2 Lever	C.P.
MAS6020	3 Lever	C.P.

MORTICE LOCKSETS WITH LIGHT DUTY PRESSED PLATE HANDLE - PRO SERIES

- Pro-Series Mortice Locksets including Pressed Plate Handles are designed and produced to meet the SABS Standards and carry the SABS Certification Mark (On the Lock Insert Only)
- Offer an affordable alternative for Low Cost housing projects, where it is stipulated that only the lock need bare the SABS Mark
- They are supplied in Chrome Plated finish. The locks come in 2, 3, and 4 Lever variants which are supplied with 2 keys each, which match the Local Y, CD series
- Forend Chrome plated



Code	Size	Description	Finish For Handle
MAK17208	76mm	2 Lever	Chrome Plated
MAK05717	76mm	3 Lever	Chrome Plated
MAK06844	76mm	4 Lever	Chrome Plated

MORTICE LOCKSETS WITH LIGHT DUTY PRESSED PLATE HANDLE - PRO SERIES

- Pro-Series Mortice Locksets including Pressed Plate Handles are designed and produced to meet the SABS Standards and carry the SABS Certification Mark (On the Lock Insert Only)
- Offer an affordable alternative for Low Cost housing projects, where it is stipulated that only the lock need bare the SABS Mark
- They are supplied in Brass Plated finish. The locks come in 2, 3, and 4 Lever variants which are supplied with 2 keys each, which match the Local Y, CD series
- Forend Brass plated



Code	Size	Description	Finish For Handle
MAK19820	76mm	2 Lever	Brass Plated
MAK19707	76mm	3 Lever	Brass Plated

MORTICE LOCKSETS - EXTRA HEAVY DUTY DIE CAST HANDLES - COMMERCIAL

- Commercial Mortice Locksets including Extra Heavy Duty Handles are designed and produced to meet the SABS Standards and carry the SABS Certification Mark
- Offer a loose forend which allows the installer to install the locks prior to the finishing of the doors and to return simply to put on the forend offering a professional paint free installation
- Supplied with 3 keys, which match the Local Y, CD series
- Forend Stainless steel



Code	Size	Description	Finish For Handle
MAK19790	76mm	2 Lever	Chrome Plated
MAK19806	76mm	3 Lever	Chrome Plated
MAK19813	76mm	4 Lever	Chrome Plated

MORTICE LOCKSETS - EXTRA HEAVY DUTY DIE CAST HANDLES - COMMERCIAL

- Commercial Mortice Locksets including Extra Heavy Duty Handles are designed and produced to meet the SABS Standards and carry the SABS Certification Mark
- Offer a loose forend which allows the installer to install the locks prior to the finishing of the doors and to return simply to put on the forend offering a professional paint free installation
- Supplied with 3 keys, which match the Local Y, CD series
- Forend Stainless steel



Code	Size	Description	Finish For Handle
MAK17321	76mm	2 Lever	Satin Chrome
MAK17338	76mm	3 Lever	Satin Chrome

MORTICE LOCKSETS - WITH EXTRA HEAVY DUTY ALUMINIUM HANDLES - COMMERCIAL

- Commercial Mortice Locksets including Extra Heavy Duty Handles are designed and produced to meet the SABS Standards and carry the SABS Certification Mark
- Offer a lose forend which allows the installer to install the locks prior to the finishing of the doors and to return simply to put on the forend thus offering a professional paint free installation
- Supplied with 3 keys, which match the Local Y, CD series
- Forend Stainless steel



Code	Size	Description	Finish For Handle
MAK18953	76mm	3 Lever	Satin Anodised

CYLINDER MORTICE LOCKSET - PROFILE WITH HEAVY DUTY ALUMINIUM HANDLES

- Handle heavy duty aluminium



Code	Forend Finish	Body Finish	Handle Finish
MAK19875	Chrome Plated	Galvanised	Anodised

CYLINDER MORTICE LOCKSET - PROFILE WITH PRESSED PLATE HANDLES

- Handle light duty steel pressed



Code	Forend Finish	Body Finish	Handle Finish
MAK19868	Chrome Plated	Galvanised	Chrome Plated

CYLINDER MORTICE LOCKSET - PROFILE WITH PRESSED PLATE HANDLES

- Handle light duty steel pressed



Code	Forend Finish	Body Finish	Handle Finish
MAK19851	Polished Brass	Galvanised	Brass Plated

CLASSIC STRAIGHT HANDLE & PREMIUM MORTICE LOCK COMBO SETS

- Satin Chrome Handle Combo sets are a combination of the SABS Approved Premium Mortice Lock sets and their High Quality Satin Chrome Straight Handles



Code	Description	Type	Handle Finish
MAK19981	Victorian Straight Plate	2 Lever	Satin Chrome
MAK19998	Victorian Straight Plate	3 Lever	Satin Chrome

CLASSIC BRASS STRAIGHT HANDLE & PREMIUM MORTICE LOCK COMBO SETS

- Brass Handle Combo sets are a combination of the SABS Approved Premium Mortice Lock sets and their High Quality Brass Straight Handles



Code	Description	Type	Handle Finish
MAK13927	Victorian Straight Plate	Profile Cylinder	Solid Brass

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

CLASSIC BRASS STRAIGHT HANDLE & PREMIUM MORTICE LOCK COMBO SETS

- Brass Handle Combo sets are a combination of the SABS Approved Premium Mortice Lock sets and their High Quality Brass Straight Handles



Code	Description	Type	Handle Finish
MAK13897	Victorian Straight Plate	2 Lever	Solid Brass

CLASSIC SCROLL HANDLE & PREMIUM MORTICE LOCK COMBO SETS

- Satin Chrome Handle Combo sets are a combination of the SABS Approved Premium Mortice Lock sets and their High Quality Satin Chrome Scroll Handles



Code	Description	Type	Handle Finish
MAK20017	Victorian Straight Plate	Profile Cylinder	Satin Chrome

CLASSIC BRASS SCROLL HANDLE & PREMIUM MORTICE LOCK COMBO SETS

- Brass Handle Combo sets are a combination of the SABS Approved Premium Mortice Lock sets and their High Quality Brass Scroll Handles



Code	Description	Type	Handle Finish
MAK13859	Victorian Straight Plate	2 Lever	Solid Brass
MAK13866	Victorian Straight Plate	3 Lever	Solid Brass

CLASSIC BRASS SCROLL HANDLE & PREMIUM MORTICE LOCK COMBO SETS

- Brass Handle Combo sets are a combination of the SABS Approved Premium Mortice Lock sets and their High Quality Brass Scroll Handles



Code	Description	Type	Handle Finish
MAK13880	Victorian Straight Plate	Profile Cylinder	Solid Brass

CLASSIC SCROLL HANDLE & PREMIUM MORTICE LOCK COMBO SETS

- Satin Chrome Handle Combo sets are a combination of the SABS Approved Premium Mortice Lock sets and their High Quality Satin Chrome Scroll Handles



Code	Description	Type	Handle Finish
MAK19943	Victorian Straight Plate	2 Lever	Satin Chrome
MAK19950	Victorian Straight Plate	3 Lever	Satin Chrome

CLASSIC BRASS HANDLE & MORTICE LOCK COMBO SETS

- Brass Handle Combo sets are a combination of the SABS Approved Premium Mortice Lock sets and their High Quality Brass Scroll Handles



Code	Description	Type	Handle Finish
MAK19318	Georgian Straight Plate	2 Lever	Solid Brass
MAK19325	Georgian Straight Plate	3 Lever	Solid Brass

CLASSIC BRASS HANDLE & MORTICE LOCK COMBO SETS

- Brass Handle Combo sets are a combination of the SABS Approved Premium Mortice Lock sets and their High Quality Brass Scroll Handles



Code	Description	Type	Handle Finish
MAK19349	Georgian Straight Plate	Profile Cylinder	Solid Brass

CLASSIC SCROLL HANDLE & PREMIUM MORTICE LOCK COMBO SETS

- Satin Chrome Handle Combo sets are a combination of the SABS Approved Premium Mortice Lock sets and their High Quality Satin Chrome Scroll Handles



Code	Description	Type	Handle Finish
MAK19974	Georgian Straight Plate	Profile Cylinder	Satin Chrome

CLASSIC BRASS SCROLL HANDLE & PREMIUM MORTICE LOCK COMBO SETS

- Brass Handle Combo sets are a combination of the SABS Approved Premium Mortice Lock sets and their High Quality Brass Scroll Handles



Code	Description	Type	Handle Finish
MAK13811	Victorian Gable Plate	2 Lever	Solid Brass
MAK13828	Victorian Gable Plate	3 Lever	Solid Brass

CLASSIC BRASS SCROLL HANDLE & PREMIUM MORTICE LOCK COMBO SETS

- Brass Handle Combo sets are a combination of the SABS Approved Premium Mortice Lock sets and their High Quality Brass Scroll Handles



Code	Description	Type	Handle Finish
MAK13842	Victorian Gable Plate	Profile Cylinder	Solid Brass

CLASSIC SCROLL HANDLE & PREMIUM MORTICE LOCK COMBO SETS

- Satin Chrome Handle Combo sets are a combination of the SABS Approved Premium Mortice Lock sets and their High Quality Satin Chrome Scroll Handles



Code	Description	Type	Handle Finish
MAK19677	Victorian Gable Plate	3 Lever	Satin Chrome

CLASSIC SCROLL HANDLE & PREMIUM MORTICE LOCK COMBO SETS

- Satin Chrome Handle Combo sets are a combination of the SABS Approved Premium Mortice Lock sets and their High Quality Satin Chrome Scroll Handles



Code	Description	Type	Handle Finish
MAK19691	Victorian Gable Plate	Profile Cylinder	Satin Chrome

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

CLASSIC BRASS SCROLL HANDLE & PREMIUM MORTICE LOCK COMBO SETS

- Brass Handle Combo sets are a combination of the SABS Approved Premium Mortice Lock sets and their High Quality Brass Scroll Handles



Code	Description	Type	Handle Finish
MAK13941	Georgian Gable Plate	3 Lever	Brass Plated

CLASSIC BRASS SCROLL HANDLE & PREMIUM MORTICE LOCK COMBO SETS

- Brass Handle Combo sets are a combination of the SABS Approved Premium Mortice Lock sets and their High Quality Brass Scroll Handles



Code	Description	Type	Handle Finish
MAK13965	Georgian Gable Plate	Profile Cylinder	Brass Plated

MORTICE LOCK ONLY INSERTS - PREMIUM (SABS)

- Designed and produced to meet the SABS Standards and carry the SABS Certification Mark
- Offer a lose forend which allows the installer to install the locks prior to the finishing of the doors and to return simply to put on the forend thus offering a professional paint free installation
- Supplied with 3 keys which match the Local Y, CD series



Code	Size	Description	Body Finish
MAK13972	76mm	2 Lever	Brass Plated Forend
MAK13989	76mm	3 Lever	Brass Plated Forend
MAK13996	76mm	4 Lever	Brass Plated Forend

MORTICE LOCK ONLY INSERTS - PREMIUM (SABS)

- Designed and produced to meet the SABS Standards and carry the SABS Certification Mark
- Offer a lose forend which allows the installer to install the locks prior to the finishing of the doors and to return simply to put on the forend thus offering a professional paint free installation
- Supplied with 3 keys which match the Local Y, CD series



Code	Size	Description	Body Finish
MAK05540	76mm	2 Lever	Chrome Plated Forend
MAK05762	76mm	3 Lever	Chrome Plated Forend
MAK05779	76mm	4 Lever	Chrome Plated Forend

CYLINDER MORTICE LOCK - INSERT ONLY WITH CYLINDER

- Designed and produced to meet the SABS Standards and carry the SABS Certification Mark
- Offer a lose forend which allows the installer to install the locks prior to the finishing of the doors and to return simply to put on the forend thus offering a professional paint free installation
- Supplied with 3 matching keys



Code	Forend Finish	Body Finish
MAK14009	Galvanised	Brass Plated

CYLINDER MORTICE LOCK - INSERT ONLY WITH CYLINDER

- Designed and produced to meet the SABS Standards and carry the SABS Certification Mark
- Offer a lose forend which allows the installer to install the locks prior to the finishing of the doors and to return simply to put on the forend thus offering a professional paint free installation
- Supplied with 3 matching keys



Code	Forend Finish	Body Finish
MAK30689	Chrome Plated	Galvanised

STANDARD DOOR HANDLES

- Manufactured to industry standards and are supplied in Light Duty Pressed Plate (Non-SABS)
- Heavy Duty Die Cast Zinc (SABS) or Heavy Duty Aluminum
- Available in Keyhole or Profile Cylinder cut out
- Handles are supplied with the requisite size and amount of fixing screws



Code	Description	Cut Out	Finish
MAK13729	Light Duty Pressed Plate	Keyhole	Brass Plated
MAK05724	Light Duty Pressed Plate	Keyhole	Chrome Plated
MAK19882	Heavy Duty Die Cast Zinc	Keyhole	Chrome Plated
MAK13736	Heavy Duty Aluminium	Keyhole	Satin Anodised
MAK19936	Heavy Duty Aluminium	Profile Cylinder	Satin Anodised

CLASSIC DOOR HANDLES VICTORIAN PATTERN

- Range is manufactured from the highest quality materials to original industry standards and sizes
- With keyhole or profile cylinder cut out
- All handles are supplied complete with spindles and the requisite fastenings



STRAIGHT HANDLES

Code	Description	Cut Out	Finish
MAK18847	Victorian Straight Plate	Profile Cylinder	Solid Brass
MAK11541	Victorian Straight Plate	Keyhole	Solid Brass
MAK23001	Victorian Straight Plate	Profile Cylinder	Satin Chrome
MAK22998	Victorian Straight Plate	Keyhole	Satin Chrome

SCROLL HANDLES

Code	Description	Cut Out	Finish
MAK18823	Victorian Straight Plate	Profile Cylinder	Solid Brass
MAK11534	Victorian Straight Plate	Keyhole	Solid Brass
MAK22981	Victorian Straight Plate	Profile Cylinder	Satin Chrome
MAK22974	Victorian Straight Plate	Keyhole	Satin Chrome

SCROLL HANDLES

Code	Description	Cut Out	Finish
MAK18809	Victorian Gable Plate	Profile Cylinder	Solid Brass
MAK11527	Victorian Gable Plate	Keyhole	Solid Brass
MAK22967	Victorian Gable Plate	Profile Cylinder	Satin Chrome
MAK22950	Victorian Gable Plate	Keyhole	Satin Chrome

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

CLASSIC DOOR HANDLES GEORGIAN PATTERN

- Range is manufactured from the highest quality materials to original industry standards and sizes
- With keyhole or profile cylinder cut out
- All handles are supplied complete with spindles and the requisite fastenings



SCROLL HANDLES

Code	Description	Cut Out	Finish
MAK18885	Georgian Gable Plate	Profile Cylinder	Solid Brass
MAK11657	Georgian Gable Plate	Keyhole	Solid Brass
MAK18861	Georgian Straight Plate	Profile Cylinder	Solid Brass
MAK11640	Georgian Straight Plate	Keyhole	Solid Brass

STAINLESS STEEL ARCHITECTURAL DOOR HANDLES

- Door Handles manufactured from Stainless steel
- Supplied with all the required fixings for Standard or Bolt through installations



HANDLE ON BACK PLATE - WITH KEYHOLE

Code	Design	Cut Out	Finish
MAK28532	Juno	Keyhole	Stainless Steel
MAK28549	Diana	Keyhole	Stainless Steel
MAK28556	Venus	Keyhole	Stainless Steel
MAK28563	Isis	Keyhole	Stainless Steel
MAK28570	Vesta	Keyhole	Stainless Steel
MAK28587	Ceres	Keyhole	Stainless Steel

STAINLESS STEEL ARCHITECTURAL DOOR HANDLES

- Door Handles manufactured from Stainless steel
- Supplied with all the required fixings for Standard or Bolt through installations



HANDLE ON ROSE

Code	Design	Finish
MAK28419	Juno	Stainless Steel
MAK28426	Diana	Stainless Steel
MAK28433	Venus	Stainless Steel
MAK28440	Isis	Stainless Steel
MAK28457	Vesta	Stainless Steel
MAK28464	Ceres	Stainless Steel

VICTORIAN BALL MORTICE KNOB

- Range is manufactured from the highest quality and to Original industry Standards and Sizes
- All Handles are supplied complete with Spindles and the requisite fastenings



Code	Finish
MAK11565	Brass
MAK23025	Chrome

VICTORIAN FLAT MORTICE KNOB

- Range is manufactured from the highest quality and to Original industry Standards and Sizes
- All Handles are supplied complete with Spindles and the requisite fastenings



Code	Finish
MAK11558	Brass
MAK23018	Chrome

GEORGIAN MORTICE KNOB

- Range is manufactured from the highest quality and to Original industry Standards and Sizes
- All Handles are supplied complete with Spindles and the requisite fastenings



Code	Finish
MAK11664	Brass

ESCUTCHEONS

- Range is manufactured from the highest quality Solid Brass and to Original industry Standards and Sizes
- With Keyhole or Profile Cylinder cut out
- All Handles are supplied complete with Spindles and the requisite fastenings

Code	Description	Cut Out	Finish
MAK11602	Victorian	Keyhole	Solid Brass
MAK28471	Brushed	Keyhole	Stainless Steel
MAK11701	Georgian	Keyhole	Solid Brass
MAK23032	Victorian	Keyhole	Satin Chrome
MAK28488	Brushed	Profile Cylinder	Stainless Steel


MAK11602


MAK28471


MAK11701


MAK23032


MAK28488

ENTRANCE LOCK

- A complete entrance lock kit
- Bronze or chrome finish
- Supplied with all fittings and fastenings, plus 3 matching keys



Code	Finish
HON3370	Bronze
HON3380	Chrome

ENTRANCE LOCK SETS WITH THUMBTURN & KEY - TULIP TYPE HANDLE

- Manufactured using only quality materials to the Highest Standards
- Carry a 25 year warranty
- Supplied with step by step installation instructions and include an installation template



Code	Backset	Body	Handle Finish
MAK30115	ADJ60-75mm	Steel	Antique Brass

ENTRANCE LOCK SETS WITH THUMBTURN & KEY - TULIP TYPE HANDLE

- Manufactured using only quality materials to the Highest Standards
- Carry a 25 year warranty
- Supplied with step by step installation instructions and include an installation template



Code	Backset	Body	Handle Finish
MAK31006	ADJ60-75mm	Stainless Steel	Stainless Steel

ENTRANCE LOCK SETS WITH THUMBTURN & KEY - TULIP TYPE HANDLE

- Manufactured using only quality materials to the Highest Standards
- Carry a 25 year warranty
- Supplied with step by step installation instructions and include an installation template



Code	Backset	Body	Handle Finish
MAK30108	ADJ60-75mm	Steel	Polished Brass

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

COMBINATION LOCK SET - DEADLOCK TULIP

- Tulip Knob Style Security Set with Grade 3 Single Cylinder Deadbolt
- Six-way adjustable latch fits all doors
- For exterior locking applications, Entry door



Code	Descr
MAK29027	Brass Plated

COMBINATION LOCK SET - DEADLOCK TULIP

- Tulip Knob Style Security Set with Grade 3 Single Cylinder Deadbolt
- Six-way adjustable latch fits all doors
- For exterior locking applications, Entry door



Code	Descr
MAK29010	Chrome Satin

NIGHT LATCH

- A quality latch lock kit with a durable brass cylinder lock
- Supplied with all fittings and fixings plus 3 matched keys



Code	Finish
HON4040	Painted

NIGHT LATCH - HEAVY DUTY

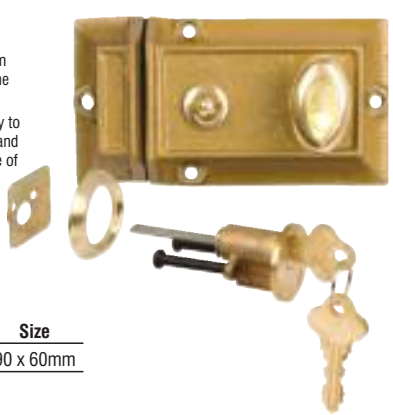
- Manufactured from Die Cast Zinc to the highest standards
- Supplied with easy to read instructions and templates for ease of installation



Code	Size
MAK12050	90 x 60mm

NIGHT LATCH - LIGHT DUTY

- Manufactured from pressed steel to the highest standards
- Supplied with easy to read instructions and templates for ease of installation



Code	Size
MAK12036	90 x 60mm

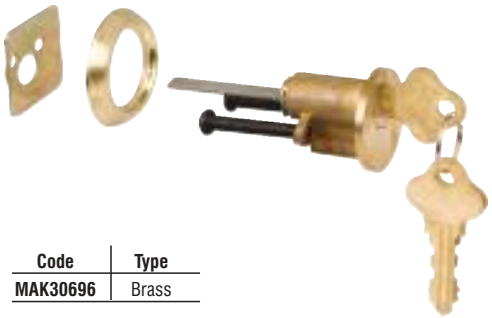
NIGHT LATCH

- Economy range night latch
- 3 Keys



Code	Finish
TRC2400	Black

NIGHT LATCH - REPLACEMENT CYLINDER



Code	Type
MAK30696	Brass

SECURITY GATE LOCK - DEAD THROW

- 5 Lever
- 2 Keys
- Complete with all fittings



Code	Finish
HON3365	Yellow Passivated

SECURITY GATE LOCK WITH OPEN BOX

- Manufactured from steel
- 7 Lever
- Supplied with the correct type and size of fastening required for ease of installation



Code	Finish
MAK53640	Chrome Plated

SECURITY GATE LOCK

- Manufactured from steel
- 7 Lever
- Supplied with the correct type and size of fastening required for ease of installation



Code	Finish
MAK52049	Yellow Passivated

SECURITY LOCK BOX - CLOSED

- For fitting dead lock security gate lock
- Closed box



Code	Size (mm)
HWI2460	80 x 64 x 25

SECURITY LOCK BOX - OPEN

- For fitting dead lock security gate lock
- Open type box



Code	Size (mm)
HWI2462	80 x 64 x 25

RIM LOCK - WITH KNOB

- Manufactured from Steel to the highest standards
- Supplied with easy to read instructions and templates for ease of installation
- Supplied with 3 keys



Code	Body Size	Backset	Handle Finish	Body Finish
MAK28525	155 X 105mm	40mm	Brass Plated	Black Powder

RIM LOCK - WITH KNOB

- Manufactured from Steel to the highest standards
- Supplied with easy to read instructions and templates for ease of installation
- Supplied with 3 keys



Code	Body Size	Backset	Handle Finish	Body Finish
MAK16607	155 X 105mm	40mm	Plastic	Black Powder

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

RIM LOCK - REPLACEMENT KNOB SET



Code	Descr
MAK28518	Brass Plated

CUPBOARD LOCK - 2 LEVER

- Manufactured from steel
- Brass plated



Code	Size
MAK50625	50mm
MAK05618	64mm
MAK06318	75mm

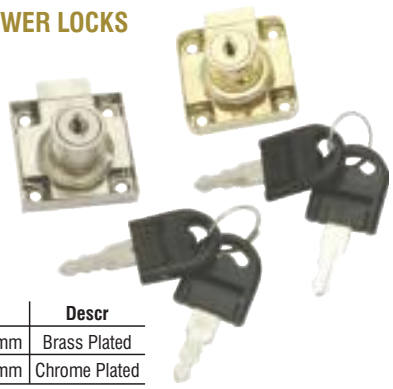
CUPBOARD LOCKS PLASTIC COMPLETE WITH ESCUTCHEON



Code	Size
MAK03683	20mm Brown
MAK03676	20mm White
MAK04321	Brown Escutcheon
MAK04338	White Escutcheon

DRAWER LOCKS

- Manufactured from Mazac



Code	Size	Descr
MAK19264	22 x 19mm	Brass Plated
MAK19271	22 x 19mm	Chrome Plated

PATIO DOOR LOCKS

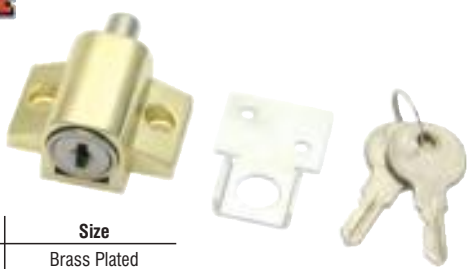
- Supplied with the correct type and size of fastening required for ease of installation



Code	Size
MAK53948	Black Powder Coated
MAK53916	Silver
MAK53923	White

WINDOW PUSH LOCKS

- Supplied with the correct type and size of fastening required for ease of installation



Code	Size
MAK53893	Brass Plated
MAK53886	Chrome Plated
MAK53909	White

HASP LOCKS

- Supplied with the correct type and size of fastening required for ease of installation



Code	Size
MAK53855	64mm/Chrome Plated
MAK53962	74mm/Chrome Plated
MAK53879	100mm/Chrome Plated

CAM LOCKS

- Manufactured from Mazac



Code	Size	Description
MAK03003	25x23mm	Nickel Plated
MAK03010	25x23mm	Brass Plated

PROFILE - CYLINDER ONLY

- Manufactured from Solid Brass for areas of high corrosion
- Supplied with keys



Code	Size
MAK13750	60mm/Chrome Plated
MAK13767	60mm/Solid Brass

KEY FOR PLASTIC CUPBOARD LOCKS LOOSE

- Manufactured from Mazac



Code
MAK04314

KEYHOLE LOCK BLOCKER

- A solid brass lock insert for any standard mortice lock, to prevent lock picking
- Supplied with 2 matched keys



Code
HON3130

KEYHOLE BLOCKER SOLID BRASS

- A solid brass lock insert for any standard mortice lock, to prevent lock picking
- Supplied with 2 matched keys



Code
MAK05557

PRODUCT COMPONENTS KEY BLANKS - MA206319

- Solid brass key blanks

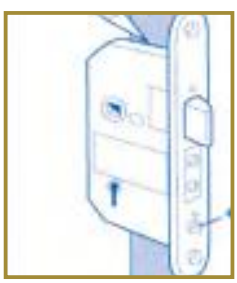


Code	Ref	Blanks for
MAS4000	MA206319	30mm, 40mm locks
MAS4020	MA206320	50mm, 60mm & rectangular locks
MAS4040	MA206321	70mm locks

HOW TO FIT A MORTICE LOCK

You will need: • Drill and Drill Bits (19mm), • Chisel, • Screwdriver • Pencil

1



Position lock body as near to the mid-height of the door as possible. Place lock body against door edge and mark top and bottom of lock body on door edge, avoiding joints of cross members in the door.

2



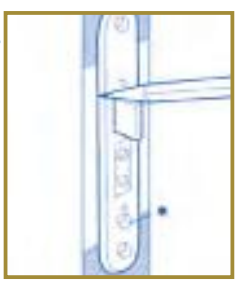
Between these two lines mark the central vertical position (dotted line). Along this vertical line drill a series of overlapping holes to the lock depth. In order to drill to the correct depth apply adhesive tape to the drill bit to the measured lock depth (including the forend and face plate).

3



With lock body inserted, draw around forend on door edge - remember to add removable faceplate before tracing outline. Remove lock and chisel recess to accommodate lock faceplate. Place lock in door and ensure a good fit with faceplate flush with door edge

4



With lock held against door face ensuring faceplate is flush with door edge and in line with lock recess, mark position of the key hole (and spindle). Drill and cut holes on both sides of the door for the key

5



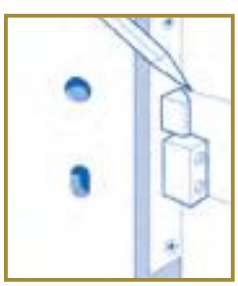
With faceplate in position secure lock into door with screws provided. Fit escutcheons and/or door handles with spindle cut to suit. Test for easy working operation.

6



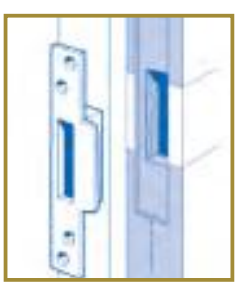
With the door open and the bolt in the locked position, close door gently against door frame. Mark positions of bottom of bolt and top of latch bolt.

7



Hold box striker up to door frame, ensuring the box section is in line with previous markings. Draw around box section of box striker on door frame. Along the vertical line.

8



Drill a series of overlapping holes to the box depth. Hold box striker up to frame and draw around edge of box striker. Remove box striker and chisel out so that box striker sits flush in door frame. Secure the box striker using screws in the central or elongated holes only. Test lock for working operation, and adjust position of box striker if required. When aligned correctly, fit the two remaining screws.

Machine Tools



Machine Tools

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Drill Presses



Cut-off Saw



Bandsaw



Mini-Lathe

DRILL PRESS PEDESTAL TYPE

Specifications:

Chuck Capacity (mm):	16
Swing (mm):	324
Spindle Taper:	MT2
Speed rpm (50HZ):	16 (220-2840)
Speed rpm (60HZ):	16 (260-3410)
Spindle Travel (mm):	85
Column Diameter (mm):	72
Table Size (mm):	Ø290
Base Size (mm):	460 x 272
Motor:	550W
Height (mm):	1580



Code
POW1200

DRILL PRESS PEDESTAL TYPE

Specification:

Chuck Capacity (mm):	20
Swing (mm):	360
Spindle Taper:	MT3
Speed rpm (50HZ):	12 (280-2380)
Speed rpm (60HZ):	12 (340-2860)
Spindle Travel (mm):	85
Column Diameter (mm):	80
Table Size (mm):	290 x 290
Base Size (mm):	460 x 272
Motor:	750W
Height (mm):	1600



Code
POW1220

DRILL PRESS BENCH TYPE

Specifications:

Motor power	250W
Chuck	13mm
Spindle Travel	50mm
Spindle Taper	B16
Speed change	5
Speed 50/60Hz	620~2620,740~3140r/min
Swing	210mm 8"
Working Table	160mmx160mm
Base	290x190mm
Column	Φ46mm
Total Height	590mm



Code
POW1250

CUT-OFF SAW 380V

Specification:

Motor Power	3000W
Voltage	380V
Cutting Capacity	Φ50Φ120 100X10
Cutting Disc	Φ400MM
Motor Speed 50/60Hz	2900/3480rpm
Speed 50/60Hz	60m/s
Vise Angle	45°~0~45°
Base Size	610x330mm



Code
POW1600

BANDSAW

Specifications:

Model No.	GFW5018
Motor power	1100W
Cutting Capacity	Φ180MM 180X260MM
Speed	43/68M/MIN
Speed Change	2
Vice Angle	0°~45°
Blade size	2413x19x0.9mm



Code
POW1060

VARIABLE SPEED READOUT MINI-LATHE

- Spindle speed readout
- High power DC motor
- Variable speed
- Induction harden bedway
- Imported speed control unit
- 350mm between centres
- Hobbyist lathe



Code
POW1420

Specification:

Distance between centres	350mm
Swing over bed	180mm
Swing over corss slide	110mm
Spindle taper	MT3
Tailstock taper	MT2
Chuck diameter	80mm
Spindle bore	20mm
Cross slide travel	65mm

Tool slide travel	35mm
Range of metric threads	0.5-2.5mm
Range of imperial threads	12-52TPI
Spindle accuracy	0.01MM
Spindle speed	50-2500/100-2500RPM
Power of motor	550W
Voltage/Frequency	230V/50HZ

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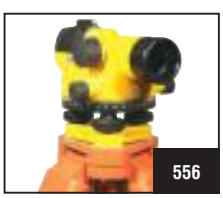
Marking Gauges



Stencils



Levels



Surveyors Tools

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

POWER TAPE - SOFT GRIP WITH AUTOLOCK

- Magnetic hook
- Non-slip grip rubber case is robust and impact resistant
- Automatic blade lock (BLADE LOCKS ITSELF WHEN PULLED OUT)
- Push button retrieval
- Chrome belt clip



Code	Size
MTS4800	3m x 16mm
MTS4805	5m x 19mm
MTS4810	7.5m x 25mm
MTS4815	10m x 25mm

MEASURING TAPE - RUBBER

- Top stop secures tape in place
- Clearly marked blade with metric graduations
- Extra tough impact resistant ABS case with sure-grip rubber shroud
- Power return blade glides back into case automatically with smooth rewind action



Code	Size
RIC4167	3m x 13mm
RIC4170	5m x 19mm
RIC4180	7.5m x 25mm

TAPE - SHOX

- Positive brake action locks blade solidly in hand
- Sliding end hook ensures measuremen t starts at zero
- Easy grip rubber case with finger groove
- Tuff coat glare free blade



Code	Size	Ref
FRE2300	3m x 13mm	SH03
FRE2315	5m x 19mm	SH519
FRE2320	5m x 25mm	SH525

Code	Size	Ref
FRE2325	8m x 25mm	SH08
FRE2330	10m x 25mm	SH140

MEASURING TAPE - ABS

- Expert quality, finely engineered tapes are renowned for reliability
- Extra tough impact resistant ABS case with belt clip and chrome look finish
- Power return blade glides back into case automatically with smooth rewind action
- Top stop secures tape in place
- Clearly marked blade with metric graduations



Code	Size
RIC4150	3m x 13mm
RIC4160	5m x 16mm

FLUORESCENT TAPE - EASILOK

- Green ABS case
- Click action stopper
- Dual marked - mm/inch



Code	Size
FRE2000	3m x 13mm
FRE2005	5m x 19mm

TAPE MEASURE - XL FATMAX

- Armor coating on first 150mm of the blade reduces the risk of breaking by 95%
- Cushion grip provides sturdy slip resistant hold
- Standout of 4m for easy one person reading
- 32mm wide blade for easy number reading
- MYLAR® coated blade is up to 10x more resistant to abrasion
- "True-Zero" for accurate inside and outside measurements
- Specially designed hook grabs on side, top or bottom for versatility
- Belt clip



Code	Size	Ref
STA5944	5m x 32mm	33-887
STA5945	8m x 32mm	33-892
STA5947	10m x 32mm	33-897

TAPE MEASURE - TYLON

- Blade BI-Material
- Compact and ergonomic bi material case
- Blade coated with Tylon TM giving greater durability and wear resistance
- Mat finish blade reduces glare/reflection for easy reading
- "True-Zero" hook for accurate inside and outside measurements
- Belt clip for easy storage



Code	Size	Ref
STA5956	3m x 13mm	0-30-607
STA5957	5m x 19mm	0-30-697
STA5958	8m x 25mm	0-30-657

TAPE MEASURE - POWERLOCK

- Durable metal chrome plated case
- Unique MYLAR coating protects three colour blade graphics for up to 10x more life
- Automatic blade return with thumb operated lock
- New 3 rivet hook mounted on metal plate, eliminates hook breakage
- "Tru–Zero" hook for accurate inside and outside measurements
- Detachable steel belt clip



Code	Size	Ref
STA6000	3m x 13mm	33-218
STA6010	5m x 19mm	33-194
STA6030	8m x 25mm	33-168
STA5980	10m x 25mm	33-448

IRWIN MEASURING TAPE - PLASTIC CASE

- Sliding lock to secure blade
- Stand out 1.2m
- Acrylic blade coating
- 2 rivets and hooked end on tape



Code	Size	Ref.
IRW6600	3m x 13mm	10507784
IRW6610	5m x 19mm	10507785
IRW6620	8m x 25mm	10507786

IRWIN PROFESSIONAL TAPE - RUBBER CASE

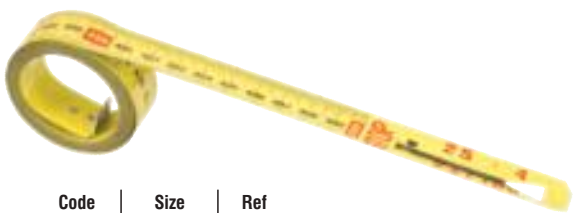
- Fast lock to secure blade
- Stand out 1.4m
- Nylon blade coating twice durability of Acrylic blade coating
- Hook magnets + 2 rivets + 1 eyelet for multi-use with extra strength
- Double sided blade print for easy readability from all angles



Code	Ref.	Ref.
IRW6630	3m x 16mm	10507790
IRW6640	5m x 19mm	10507791
IRW6650	8m x 25mm	10507792

STANLEY TAPE MEASURE - TYLON REPLACEMENT BLADE

- Blade BI-Material
- Blade coated with Tylon TM giving greater durability and wear resistance
- Matt finish blade reduces glare/reflection for easy reading



Code	Size	Ref
STA6075	5m x 19mm	33-497S

ROSS DIAMETER TAPE

- Not suitable for linear measurements
- Specially graduated to give diameter of curved objects by measuring circumferences
- Read off from graduation portion the figures adjacent to zero line
- This is diameter of object being measured



Code	Size
RAB2890	2m x 6mm
RAB2900	3.5m x 13mm
RAB2902	5m x 19mm

MTS FIBREGLASS TAPE MEASURE - CLOSED FRAME

- 13mm wide tape
- PVC coated fibreglass
- Water & crease resistant
- Metric graduations
- Metal end hook
- Heavy duty winding mechanism
- Impact resistant plastic reel
- EEC class III accuracy



Code	Size
MTS4694	10m x 13mm
MTS4696	20m x 13mm
MTS4698	30m x 13mm
MTS4700	50m x 13mm

FREEMANS TAPE MEASURE - PLASTIC CASE

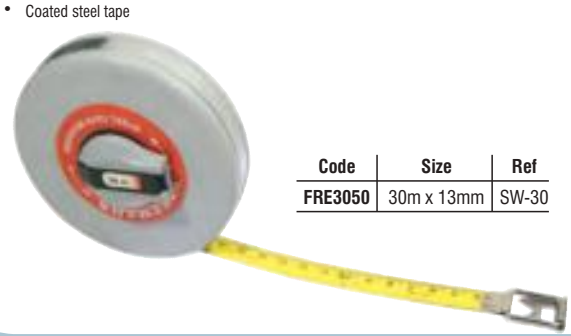
- Sturdy ABS case
- Heavy duty chrome plated winder
- Coated steel tape



Code	Size	Ref
FRE3025	10m x 13mm	SB-10
FRE3035	20m x 13mm	SB-20
FRE3040	30m x 13mm	SB-40

FREEMANS STEEL TAPE MEASURE - CLOSED FRAME

- Steel case
- Heavy duty/chrome plated winder
- Coated steel tape



Code	Size	Ref
FRE3050	30m x 13mm	SW-30

FREEMANS TAPE - FIBREGLASS

- Tough yet light weight red ABS case with ribs for easy handling and strong grip
- PVC Coated fibreglass tape
- Wear, weather and crease resistant
- Non conductive
- Heavy duty winding mechanism



Code	Size	Ref
FRE2020	10m x 13mm	FB10
FRE2025	15m x 13mm	FB15
FRE2030	20m x 13mm	FB20
FRE2035	30m x 13mm	FB30
FRE2037	50m x 13mm	FB50

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

STANLEY TAPE - CLOSED CASE

- High impact ABS closed case with rewind lever
- Case perforated at rear to allow the tape to be cleaned
- Blade made from parallel fibre glass threads reduces elasticity and improves measuring accuracy
- Tape has whit surface with 2mm graduations for precise measuring
- Corrosion resistant, UV protected and non conductive
- Blade has washable PVC coating



Code	Size	Ref
STA5920	10m x 12mm	0-34-295
STA5930	30m x 12mm	0-34-297
STA5935	50m x 12mm	0-34-298

STANLEY TAPE - WORKMASTER

- Durable yellow high impact ABS case for strength
- Features a blade guard and rollers of stainless steel for smooth operation
- Steel blade with 2 colour graduations for easy reading in all conditions
- Mylar® coating for maximum protection against abrasion
- Hook with spurs for ease of use



Code	Size	Ref
STA6050	20m x 9.5mm	0-34-105
STA6055	30m x 9.5mm	0-34-108

STEEL TAPE MEASURE OPEN FRAME

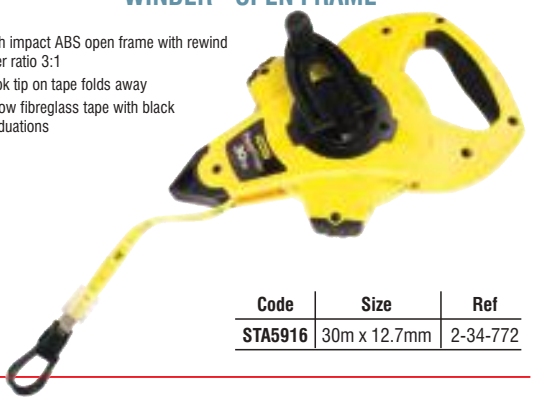
- 10mm wide tape
- Metric graduations
- Metal end hook
- Heavy duty winding mechanism
- Impact resistant plastic reel
- EEC class III accuracy



Code	Size
MTS4702	30m x 12mm
MTS4705	50m x 12mm
MTS4707	100m x 12mm

STANLEY TAPE MEASURE FIBREGLASS POWER WINDER - OPEN FRAME

- High impact ABS open frame with rewind lever ratio 3:1
- Hook tip on tape folds away
- Yellow fibreglass tape with black graduations



Code	Size	Ref
STA5916	30m x 12.7mm	2-34-772

FREEMANS FIBREGLASS BLADE TAPE - OPEN FRAME

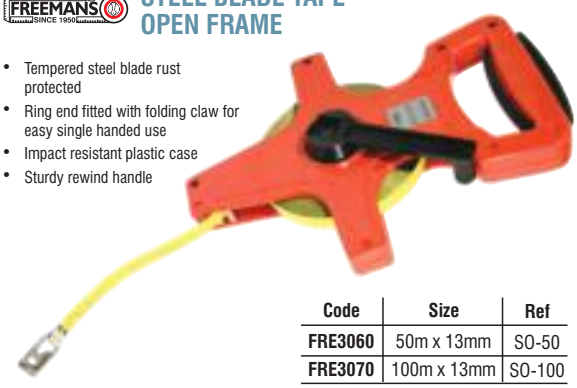
- Fibre glass tape
- Ideal for contractors and surveyors
- Design allows for easy cleaning of tape
- Protruding marker at bottom of case assists measuring
- Long winder, easy grip knob facilitates quick rewinding



Code	Size	Ref
FRE2040	30m x 13mm	FO-30
FRE2045	50m x 13mm	FO-50
FRE2050	100m x 13mm	FO-100

FREEMANS STEEL BLADE TAPE OPEN FRAME

- Tempered steel blade rust protected
- Ring end fitted with folding claw for easy single handed use
- Impact resistant plastic case
- Sturdy rewind handle



Code	Size	Ref
FRE3060	50m x 13mm	SO-50
FRE3070	100m x 13mm	SO-100

STANLEY FIBREGLASS TAPE MEASURE - OPEN FRAME

- FAT MAX
- Fibre glass unbreakable reinforced tape
- Power winder 3-I gear ratio
- Rubber handle
- Nylon / plastic bearing point



Code	Size	Ref
STA5919	60m x 19mm	2-34-824

STANLEY TAPE MEASURE FIBREGLASS POWER WINDER - OPEN FRAME

- High impact ABS open frame with rewind lever ratio3:1
- Hook tip on tape folds away
- Yellow fibre glass tape with black graduations



Code	Size	Ref
STA5940	60m x 12mm	34-795

MEASURING WHEEL

- Measuring distance 0 - 9999m
- Resets to zero at the push of a button
- Error range +- 2%
- Supplied in a convenient zip-up nylon carry bag



Code	Range
MTS4835	10km

MEASURING WHEEL

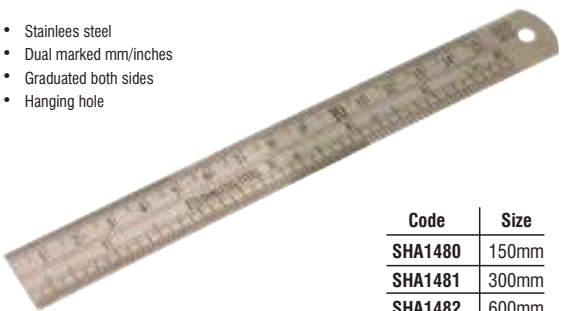
- Push type measuring wheel
- Has long handle for easy use
- As wheel is pushed distance travelled is shown on meter
- Wheel can be instantly "zeroed"
- Very useful for longish distances, soccer fields etc
- Wheel has long lasting tread



Code	Size
ROT1000	Std
ROT1050	Braked

STAINLESS STEEL RULES

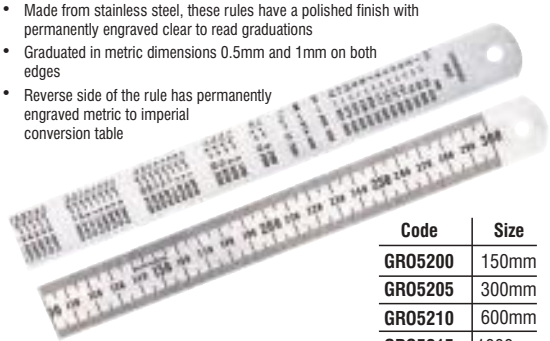
- Stainlees steel
- Dual marked mm/inches
- Graduated both sides
- Hanging hole



Code	Size
SHA1480	150mm
SHA1481	300mm
SHA1482	600mm
SHA1483	1000mm

PRECISION STEEL RULES

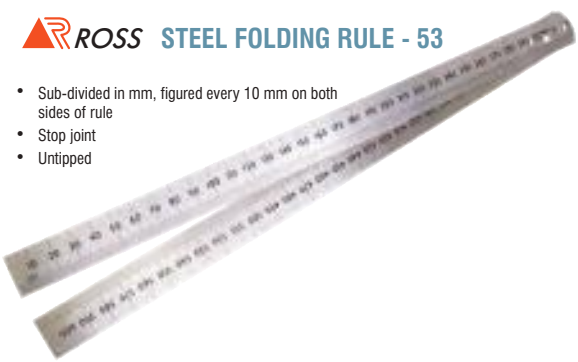
- Made from stainless steel, these rules have a polished finish with permanently engraved clear to read graduations
- Graduated in metric dimensions 0.5mm and 1mm on both edges
- Reverse side of the rule has permanently engraved metric to imperial conversion table



Code	Size
GRO5200	150mm
GRO5205	300mm
GRO5210	600mm
GRO5215	1000mm

STEEL FOLDING RULE - 53

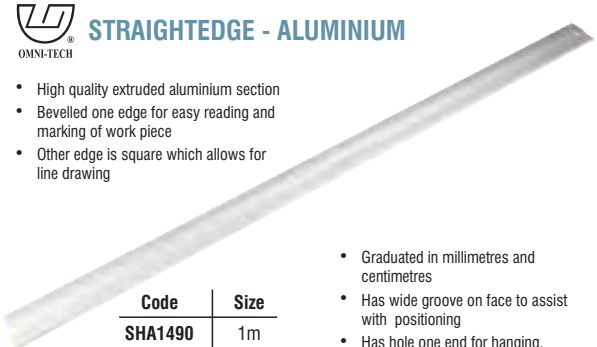
- Sub-divided in mm, figured every 10 mm on both sides of rule
- Stop joint
- Untipped



Code	Size
RAB2600	600mm

STRAIGHTEDGE - ALUMINIUM

- High quality extruded aluminium section
- Bevelled one edge for easy reading and marking of work piece
- Other edge is square which allows for line drawing



Code	Size
SHA1490	1m
SHA1494	1.5m
SHA1496	2m

- Graduated in millimetres and centimetres
- Has wide groove on face to assist with positioning
- Has hole one end for hanging.
- Ideal for marking out sheet metal and similar jobs

STEEL LINE-CORD RULE -60R

- Scale from 0-120° in 1/2° steps
- Two centre dots are provided, one on each blade and with the aid of dividers the rule can be set at any desired angle, or an existing angle can be determined

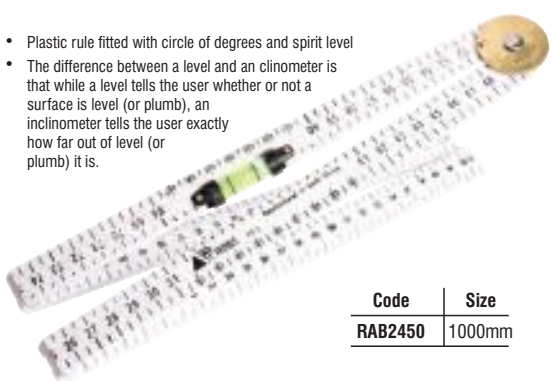


- Available in rustless steel only
- Line of chords and circumference
- Sub-divided mm, figure every 10 mm and line of chords scale one side.
- Sub-divided mm and circumference scale in 8ths other side

Code	Size
RAB2605	600mm

CLINOMETER FOLDING RULE - FR3

- Plastic rule fitted with circle of degrees and spirit level
- The difference between a level and an clinometer is that while a level tells the user whether or not a surface is level (or plumb), an inclinometer tells the user exactly how far out of level (or plumb) it is.

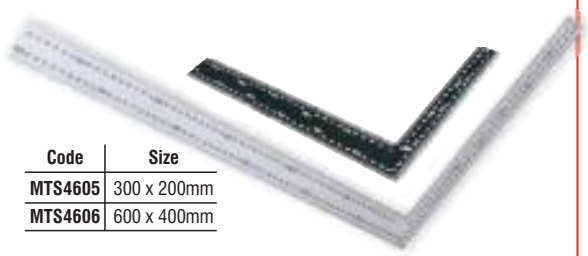


Code	Size
RAB2450	1000mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

STEEL SQUARES

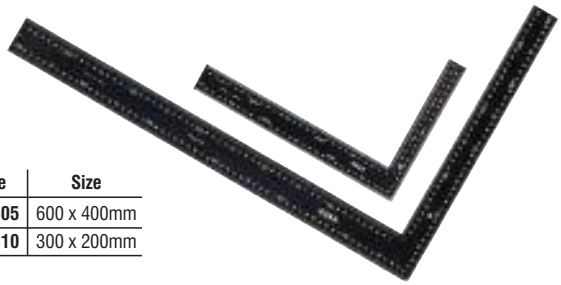
- Permanently stamped with metric graduations
- Also known as a roofing square



Code	Size
MTS4605	300 x 200mm
MTS4606	600 x 400mm

STEEL SQUARES

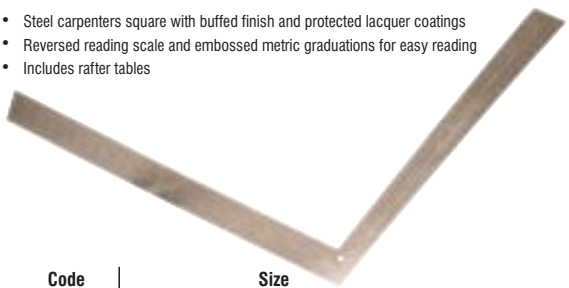
- Quality made from rugged heavy gauge steel in a one piece construction
- Accurately polished with a permanent black finish for longer wear life
- Metric graduations are filled white for legibility



Code	Size
RIC3805	600 x 400mm
RIC3810	300 x 200mm

RAFTER SQUARE - 45-530

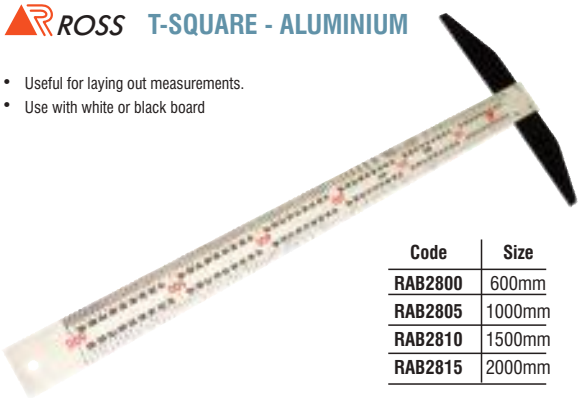
- Steel carpenters square with buffed finish and protected lacquer coatings
- Reversed reading scale and embossed metric graduations for easy reading
- Includes rafter tables



Code	Size
STA5370	Body 600 x 50mm, Tongue 400 x 38mm

T-SQUARE - ALUMINIUM

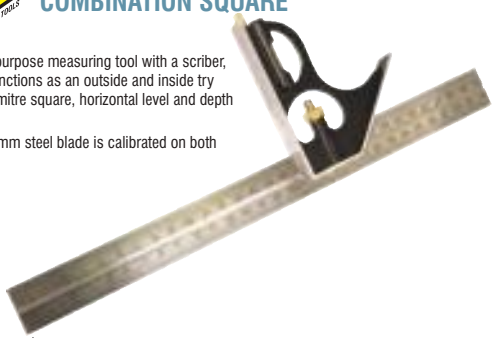
- Useful for laying out measurements.
- Use with white or black board



Code	Size
RAB2800	600mm
RAB2805	1000mm
RAB2810	1500mm
RAB2815	2000mm

COMBINATION SQUARE

- A multi-purpose measuring tool with a scriber, which functions as an outside and inside try square, mitre square, horizontal level and depth gauge
- The 300mm steel blade is calibrated on both sides



Code	Size
MTS4600	300mm

COMBINATION SQUARE

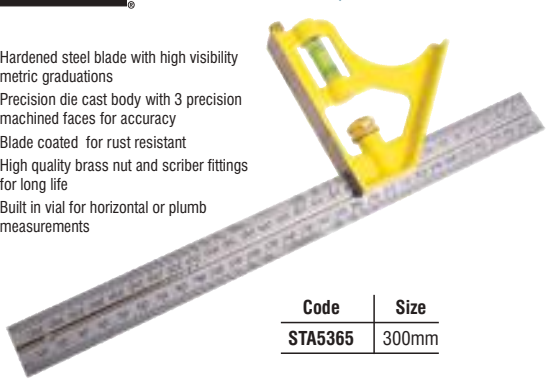
- A competitively priced model for DIY use
- Chrome plated, grooved steel blade is marked in metric and imperial graduations
- Plastic adjusting screw, scriber and level vial built into die cast sliding stock with black finish



Code	Size
RIC3800	300mm

COMBINATION SQUARE - 2-46-143

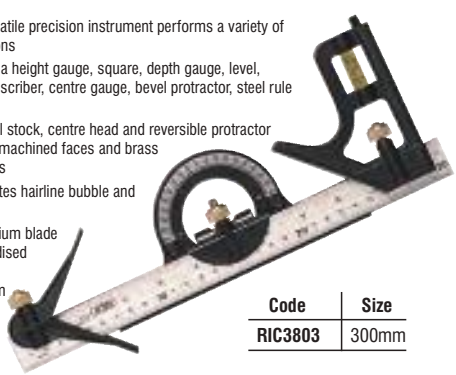
- Hardened steel blade with high visibility metric graduations
- Precision die cast body with 3 precision machined faces for accuracy
- Blade coated for rust resistant
- High quality brass nut and scriber fittings for long life
- Built in vial for horizontal or plumb measurements



Code	Size
STA5365	300mm

COMBINATION SQUARE SET

- Completely versatile precision instrument performs a variety of measuring options
- Can be used as a height gauge, square, depth gauge, level, marking gauge, scriber, centre gauge, bevel protractor, steel rule and plumb
- Matt black metal stock, centre head and reversible protractor with accurately machined faces and brass adjusting screws
- Stock incorporates hairline bubble and scriber
- Grooved aluminium blade with highly anodised finish is clearly graduated in mm and 1/16" with 0.5mm and 1/32" on the reverse

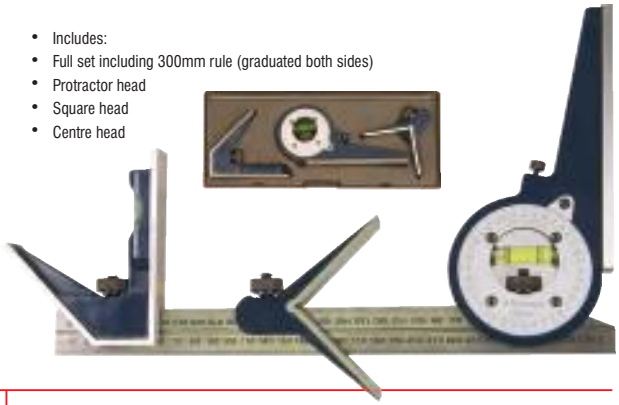


Code	Size
RIC3803	300mm

PRECISION COMBINATION SET - TRADITIONAL

- Fully hardened and tempered precision rules with deep etched graduations on both sides for ease of reading and long life
- Fully hardened and ground datum faces to resist wear
- Centrally mounted protractor vial allows unrestricted viewing
- Protractor has full 360° scale plate, graduated 0 -180° - 0
- Satin chromed plate on protractor
- Unique rule clamp allows position location and clamping
- Square head offers the following fixed angles: 15°, 30°, 45°, 60°, 75° & 90°
- Centre head offers a fixed 90° angle, for finding the centre of a round bar stock up to 120mm diameter
- Clipped corner on rule to maximise capability

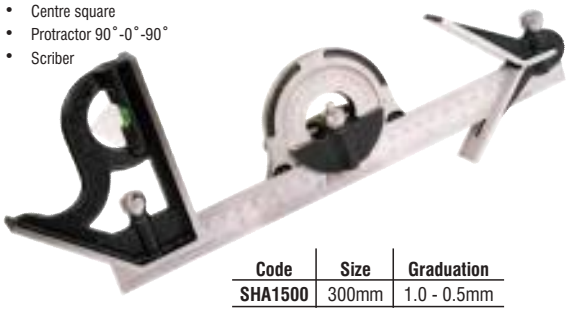
- Includes:
- Full set including 300mm rule (graduated both sides)
- Protractor head
- Square head
- Centre head



Code	Size
MAWCSM300	300mm

COMBINATION SQUARE SET

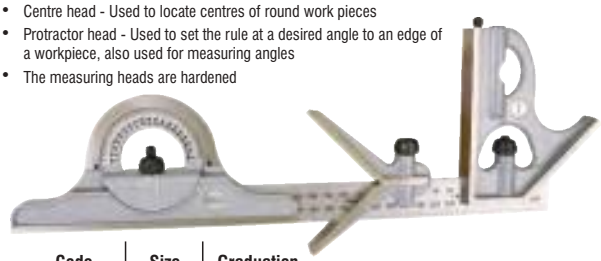
- Try and mitre square, and level
- Centre square
- Protractor 90˚-0˚-90˚
- Scriber



Code	Size	Graduation
SHA1500	300mm	1.0 - 0.5mm

COMBINATION SQUARE SET

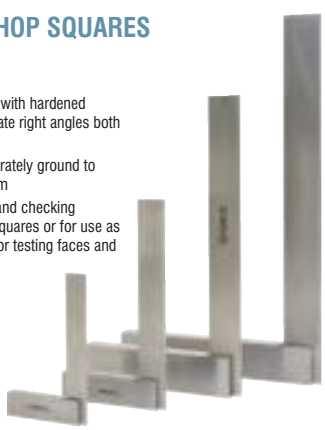
- Three measuring heads are attached to the stainless steel rule (blade), allowing versatile measurements on various types of workpieces
- Square head - Used to set the rule at 90 degree or 45 degrees to an edge of a workpiece
- Centre head - Used to locate centres of round work pieces
- Protractor head - Used to set the rule at a desired angle to an edge of a workpiece, also used for measuring angles
- The measuring heads are hardened



Code	Size	Graduation
MIT180-910	300mm	1.0 - 0.5mm

WORKSHOP SQUARES

- General purpose steel squares
- Manufactured from selected steel with hardened blades, these squares have accurate right angles both on the inside and outside
- Both the blade and stock are accurately ground to ensure straightness and parallelism
- Squares are useful for setting up and checking machinery, checking carpenters squares or for use as a try square when marking joints or testing faces and edges



Code	Size
GRO6526	100mm
GRO6527	150mm
GRO6528	225mm
GRO6529	300mm

ENGINEER'S PRECISION SQUARE

- An excellent range of precision steel squares, useful for setting up and checking jobs where extreme accuracy is required
- Hardened spring steel blades are permanently fixed to the stock by means of tapered, self locking rivets which ensure complete rigidity
- Both the blade and stock are precisely ground to ensure straightness and parallelism
- Working edges of the blades are lapped which further enhances accuracy
- A groove on the inner corner of the stock aids in the clearance of burr or dirt
- Internal and external squareness as per BS 939 Grade B



Code	Size	Code	Size
GRO6505	100mm	GRO6520	225mm
GRO6515	150mm	GRO6525	300mm

SQUARE - TRY & MITRE

- Hardened steel blade
- Black etched marking on yellow coated background
- Easy to read
- Dual marked mm /inches
- Graduated both sides
- Hanging hole



Code	Size
SHA1550	150mm
SHA1555	200mm
SHA1560	250mm
SHA1565	300mm

SQUARE - TRY & MITRE

- Professional try and mitre square
- Impact resistant plastic handle with 45º angle for mitres
- Polished steel blade

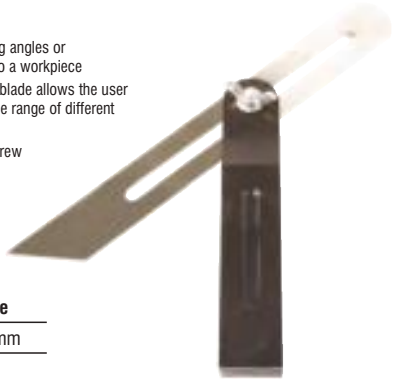


Code	Size	Ref
STA5393	150mm	46-506
STA5395	200mm	46-508
STA5405	250mm	46-510
STA5415	300mm	46-512

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

T-SLIDE BEVEL - ABS HANDLE

- For determining existing angles or transferring angles onto a workpiece
- Slotted hardened steel blade allows the user to accommodate a wide range of different size work pieces
- Quick release thumbscrew



Code	Size
MTS2080	200mm

T-SLIDE BEVEL PLASTIC HANDLE

- A try square that can be adjusted to any angle and is also used for marking or checking angles
- Hardened steel blade is bright chrome plated
- High impact resistant plastic stock handle with positive wing nut clamping at an angle



Code	Size
RIC0460	200mm

STANLEY SLIDING BEVEL - 46-825

- Durable stainless steel blade
- Built in blade lock for transferring angles
- Tough plastic handle provides handy, comfortable grip



Code	Size
STA2150	203mm

INDICATOR BEVEL PROTRACTOR

- Standard: Factory standard
- Features high quality indicator
- Made of high quality hardened and ground stainless steel
- High precision satin chromed scale
- Minimum reading 5 minutes
- Magnifying glass for easy reading
- 300mm /12" rule and 150mm /rule
- Packed as set in plastic box



Code	Range
MAW510-01	360°

Mitutoyo BEVEL PROTRACTOR - UNIVERSAL

- High precision angle gauge for accurate angular measurement of machines, moulds, and jigs
- Can be attached to height gauges



Code	Blade Length	Graduation 5 Min	Remarks Edges
MIT187-901	150 & 300mm	0˚-90˚-0˚	W/60˚-45˚-30˚

OMNI-TECH BEVEL PROTRACTOR

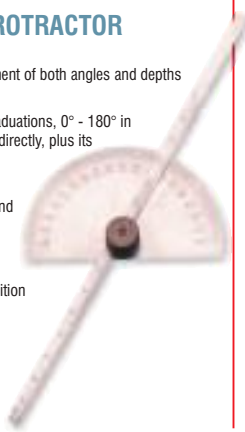
- High precision angle gauge for accurate angular measurement of machines, jigs and tooling
- Can be attached to height gauges



Code	Blade Length	Graduation 5 Min	Remarks Edges
SHA0300	150 & 300mm	0˚-90˚-0˚	W/60˚-45˚-30˚

GROZ tools to trust DEPTH GAUGE - PROTRACTOR

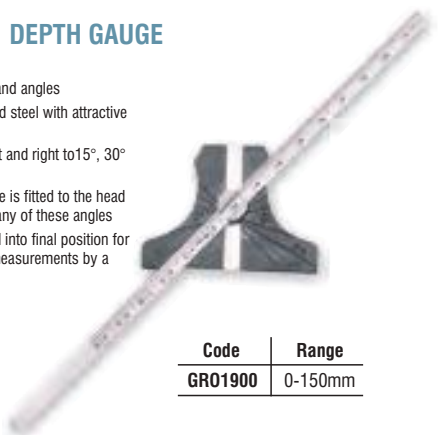
- The depth gauge with protractor allows for measurement of both angles and depths
- Manufactured from stainless steel
- The protractor head has permanently deep etched graduations, 0° - 180° in opposite directions, thus permitting reading an angle directly, plus its supplement angle
- Depths are measured by the 150 mm steel rule
- Graduations are in imperial dimensions on one side and metric on the other
- The tool can be set at any desired angle for use as a protractor and as a depth gauge
- A knurled thumb nut, locks the rule in the desired position
- The gauge has a flat surface on the back of the head permitting laying the tool flat upon the work surface



Code	Range
GRO1910	0-150mm

GROZ tools to trust DEPTH GAUGE

- Measures depths and angles
- Made from selected steel with attractive black finish
- Graduated both left and right to15°, 30° and 45°
- A 150mm steel rule is fitted to the head and can be set to any of these angles
- Rule can be locked into final position for depth or angular measurements by a knurled nut



Code	Range
GRO1900	0-150mm

DEPTH GAUGE VERNIER

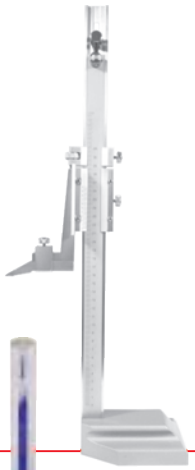
- With fine adjustment
- Made of hardened stainless steel
- Base and measuring faces are hardened and micro-lapped
- Wider extension bases are available



Code	Range	Graduation	Accuracy μm
MIT527-103	0-300mm	0,02mm	±0,04mm

HEIGHT GAUGE VERNIER

- Standard: Factory standard
- Zero reference point can be adjusted for calibration
- Beam and slide made of hardened steel
- Measuring faces are micro-lapped for high accuracy
- Chrome plated scale
- Super solid heavy base for greater stability and rigidity
- Carbide tipped scriber
- With magnifier reading glass from range 300mm and higher.



Code	Capacity	Resolution
MAW190-30	0-300mm	0,02mm

HEIGHT GAUGE - DIGIMATIC - SERIES 570

- Can easily measure the height of small parts
- The clear LCD screen provides digital readout to 0.01 mm for error-free reading
- The robust construction with a thick column provides repeatable measurements
- Fine-adjustment carriage to feed the slider finely
- Carbide-tipped scriber
- Functions include:
- Zero-setting
- Presetting
- Data hold
- Data output
- -/+ switching
- inch/mm conversion (Inch/Metric model only)
- Error alarm
- Low battery alarm
- Power supply: One SR44 battery



Code	Range "/mm	Resolution	Accuracy
MIT570-245/312	0-12"/0-300mm	0.0005"/0.01	±0.002mm
MIT570-247/314	0-24"/0-600mm	0.0005"/0.01	±0.002mm

RADIUS GAUGE

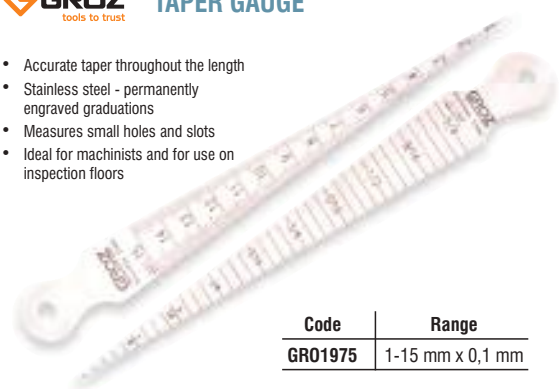
- For checking internal and external Radii
- Accurately milled steel blades
- Marked with nominal size on each blade
- Mounted in steel swivel holder



Code	Range of Radii	Increments	No. of Blades	Type
MAW206MA	5,5-13mm	0,5mm	16	Sleeve

TAPER GAUGE

- Accurate taper throughout the length
- Stainless steel - permanently engraved graduations
- Measures small holes and slots
- Ideal for machinists and for use on inspection floors



Code	Range
GRO1975	1-15 mm x 0,1 mm

SCREW CUTTING GAUGE

- Manufactured from stainless steel in satin chrome finish
- All gauge surfaces are accurately ground
- Designed for checking tool angle for cutting threads in metal turning lathes
- The angle on the thread cutting tool is checked on the 'V' slots in the gauge



Code	Angle	Thread Form
GRO1950	60º	SI, ISO US Std.
	55º	Whitworth
	47.5º	British Association (BA)
	14.5º	ACME

SCREW CUTTING GAUGE

- Traditional Engineer's screw cutting gauge
- Suitable for most Metric and Imperial thread forms
- Accurately milled angles for precise evaluation of thread forms



Code	Angle	Thread Form
MAW200	60º	SI, ISO US Std.
	55º	Whitworth
	47.5º	British Association (BA)
	14.5º	ACME

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SCREW PITCH GAUGE 12665

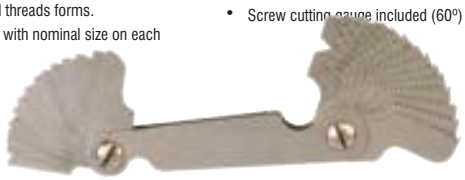
- Accurately milled steel blades
- Designed to check both internal and external thread forms
- Marked with nominal size on each blade
- All blades fixed in a steel sleeve
- SI should not be used to check ISO
- ISO can be used to check SI
- Metric/Whitworth



Code	No. of Blades	Range
STW77270003	52	0.25-0.60mm 4-62 WW

SCREW PITCH GAUGE - AMERICAN NAT.

- Accurately milled steel blades.
- Designed to check both internal and external threads forms.
- Marked with nominal size on each blade.
- All blades fixed in a steel sleeve.
- Screw cutting gauge included (60º)



Code	Screw Pitch	Blades	Threads Per Inch
MAW799	American Nat	30	4, 41/2, 5, 51/2, 6, 7, 8, 9, 10, 11, 111/2, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38, 40, 42.

SCREW PITCH GAUGE - S1 METRIC

- Accurately milled steel blades.
- Designed to check both internal and external threads forms.
- Marked with nominal size on each blade.
- All blades fixed in a steel sleeve.
- Screw cutting gauge included (60º)



Code	Screw Pitch	Blades	Threads Per Inch
MAW801	S1 Metric	30	0.5, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 1.0, 1.10, 1.20, 1.25, 1.30, 1.40, 1.50, 1.60, 1.70, 1.75, 1.80, 1.90, 2.0, 2.50, 3.0

SCREW PITCH GAUGE - ISO METRIC

- Accurately milled steel blades.
- Designed to check both internal and external threads forms.
- Marked with nominal size on each blade.
- All blades fixed in a steel sleeve.
- Screw cutting gauge included (60º)



Code	Screw Pitch	Blades	Threads Per Inch
MAW809	ISO Metric	22	0.35, 0.40, 0.45, 0.50, 0.60, 0.70, 0.75, 0.80, 1.0, 1.25, 1.50, 1.75, 2.0, 2.50,3.0, 3.5, 4.0, 4.50, 5.0, 5.50, 6.0

SCREW PITCH GAUGE - METRIC/WHITWORTH

- Accurately milled steel blades
- Designed to check both internal and external threads forms
- Marked with nominal size on each blade
- All blades fixed in a steel sleeve



Code	No. of Blades	Range
SHA1035	52	0.25 - 6.0mm

THICKNESS GAUGE - LIFTING TYPE

- For quick measurement of thickness
- Dial indicator for accurate value reading
- Parallelism of the measuring surfaces 0.0004mm



Code	Range	Throat Depth Inside	Resolution
MAW455-15	0-10mm	0.10mm	0.010mm

BORE GAUGE SET

- With interchangeable contact points
- Set of carbide tipped contact points included
- Unique self centring device
- Supplied with dial indicator, resolution 0.01mm / 0.0001" /0.0005"
- Packed with all necessary accessories to measure the complete range as shown



Code	Range	Res.
MAW316-03	18-35mm	0.01mm
MAW316-04	35-50mm	0.01mm

Code	Range	Res.
MAW316-05	50-160mm	0.01mm
MAW316-06	160-250mm	0.01mm

TELESCOPIC GAUGE SET

- For quick inside measurement and determination of inside diameters
- Spring loaded plunger that expands in the bore or groove
- Satin chromed body
- With auto extension and direct locking
- Measuring faces are hardened and micro lapped



Code	Ref. No.	Range	Set Qty.	Sizes
MAW315-01	315-01	8-150mm	6	8 - 12.7, 12.7 - 19, 19 - 32, 32 - 54, 54 - 90, 90 - 150mm

TELESCOPIC GAUGE SET

- Spring-loaded plunger expands within the bore (or groove), allowing determination of the internal diameter (or groove width)
- With a knurled clamp

Contains:

155-127	8 - 12.7mm
155-128	12.7 - 19mm
155-129	19 - 32mm
155-130	32 - 54mm
155-131	54 - 90mm
155-132	90 - 150mm



Code
MIT155-905

TELESCOPIC GAUGE SET

- Self centering
- Constant spring pressure
- Minimum radius contact points
- Satin chrome finish



Code	Range	Set Qty.	Sizes
SHA1040	8-150mm	6	8 - 12.7, 12.7 - 19, 19 - 32, 32 - 54, 54 - 90, 90 - 150mm

PRECISION FEELER GAUGES - 13 BLADE 11095

- DIN 2272 , DIN EN 10140
- Nickel plated case
- Tapered blade



Code	Range
STW74240001	0.05; 0.10; 0.15; 0.20; 0.25; 0.30; 0.40; 0.50; 0.60; 0.70; 0.80; 0.90; 1.00mm

PRECISION FEELER GAUGES 20 BLADE - 11095

- DIN 2272 , DIN EN 10140
- Nickel plated case
- Tapered blade



Code	Range
STW74240002	0.05; 0.10; 0.15; 0.20; 0.25; 0.30; 0.35; 0.40; 0.45; 0.50; 0.55; 0.60; 0.65; 0.70; 0.75; 0.80; 0.85; 0.90; 0.95; 1.00mm

PRECISION FEELER GAUGES - 20 BLADE 11097

- DIN 2272 , DIN EN 10140
- Nickel plated case
- Tapered blade



Code	Range
STW74240005	1 ½"; 2"; 2 ½";3; 4; 5;6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18;19; 20; 21; 22; 23; 24; 25/1000"

CRANKED FEELER GAUGES 26 BLADE

- 45º angle offset allows the blade to be used where access is restricted



Code	Range
SYK016400	0.005 - 0.762mm

PRECISION FEELER GAUGES - 10 BLADE

- Nickel plated case
- Tapered blade



Code	Ref. No.	Length	Range
MAW1112M	1112M	300mm	0.05; 0.10; 0.15; 0.20; 0.25; 0.30; 0.40; 0.50; 0.60; 0.70; 0.80; mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

PRECISION FEELER GAUGES - 13 BLADE

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



Code	Length/Width	Range
MAW388M	100mm/12.7mm	0.03 - 0.50mm
MAW394M	150mm/12.7mm	0.05 - 1.00mm

PRECISION FEELER GAUGES - 26 BLADE MET/SAE

- Manufactured from top quality steel
- Blades are hardened and tempered to withstand prolonged workshop use
- Sizes are marked on the blades



Code	Range
SHA1023	0.15 -1.00mm 0.03" - 0.040" SAE

DIAL INDICATOR

- Standard: DIN878
- Satin chromed body
- With tungsten carbide measuring tip
- With double dial indicator for measuring mm stroke
- Shockproof
- Micron versions are jewelled
- Adjustable scale with stop screw
- Some models offer tolerance indicators
- Packed in a foam box



Code	Diameter	Range	Resolution
MAW400-02	58mm/ear	0 - 1mm	0.001mm
MAW400-06	58mm/ear	0 - 10mm	0.01mm

DIGITRONIC INDICATOR

- Direct Inch / Metric conversion
- 58mm dial face
- Lugback and 8mm stem mountings
- Resolution 0.01m/0.0005"
- Absolute / incremental reading
- Floating Zero



Code	Range	Accuracy
MAW405-04DB	0 - 12.7mm / 0.5"	0.02mm/0.0008"

DIAL TEST INDICATOR - 420-04

- Standard: DIN2270
- Automatic reversal of measuring direction
- High precision fully jewelled bearings
- Rotation dial
- Two dovetail clamps
- Carbide points
- Long range - twice range of most indicators (422 series only)
- Dial colour white



Code	Range	Grad.	Dial Reading	Dial Ø mm	Feeler Length
MAW420-04	0.8mm	0.01mm	0-40-0	37	12mm

DIAL INDICATOR - SERIES 1

- Series 1 dial indicators offer the accuracy and durability for shop applications
- demanding highly accurate measurements where space is limited
- The spindle is made of hardened stainless steel for durability
- while the rack gear is machine ground for a tighter fit and increased accuracy
- Dial diameter 41 mm



Code	Stroke	Graduation	Bezel Ø
MIT1044E	5mm	0.01mm	40mm

DIAL INDICATOR - SERIES 2

- Series 2 dial indicators are Mitutoyo's most popular, and have the widest application
- Especially the "one revolution" dial indicator is developed for in-process measuring
- This indicator features a hand that makes only one revolution throughout the entire spindle range
- This prevents costly measuring errors made with indicators whose hands make as many as 2 1/2 revolutions



Code	Range	Graduation	Dial Ø
MIT2046S	10mm	0,01mm	57mm

DIAL INDICATOR - SERIES 2

- Series 2 dial indicators are Mitutoyo's most popular, and have the widest application
- Especially the "one revolution" dial indicator is developed for in-process measuring
- This indicator features a hand that makes only one revolution throughout the entire spindle range
- This prevents costly measuring errors made with indicators whose hands make as many as 2 1/2 revolutions



Code	Range	Graduation	Dial Ø
MIT2048E-10	10mm	0,01mm	57mm

DIAL INDICATOR - SERIES 2

- Series 2 dial indicators are Mitutoyo's most popular, and have the widest application
- Especially the "one revolution" dial indicator is developed for in-process measuring
- This indicator features a hand that makes only one revolution throughout the entire spindle range
- This prevents costly measuring errors made with indicators whose hands make as many as 2 1/2 revolutions



Code	Range	Graduation	Dial Ø
MIT2109S	1mm	0,001mm	55mm

GAUGE DIAL INDICATOR

- High quality
- Precise and accurate



Code	Range	Max Measuring Force
SHA1020	0 - 10mm	1.4N

Graduation	Scale	Accuracy μm
0 - 0.01mm	0 - 100mm	12

GAUGE DIAL TEST INDICATOR-DIGIMATIC

- The IDS series offers simple, error free digital readings in a basic and economical package
- As compact as standard Series 2 indicators
- The IDS Indicates the absolute position of spindle from the origin point at power-on, allowing to start measurements
- After the initial zero setting with the ORIGIN button, the repeated absolute positioning is no longer necessary over the entire battery life
- Measurement error due to spindle over speed is eliminated with the absolute ENCODER.
- Inch / metric



Code	Range	Measure Force
MIT543-683	0,5" /12.7mm	2N or less

Resolution	Accuracy μm
.0005" / 0.01mm	0.008"/0.02mm

MAGNETIC INDICATOR STAND

- Standard: Factory standard
- Basic type
- With powerful on / off magnetic base
- Magnetic force 80KG / 175 LBS
- Universal model
- Can be used for indicators with or without 'lug' on back plate
- Accepts dial test indicators, digital indicators, and normal indicators
- Extra rigid



Code	Description
MAW470-01	On/Off Magnetic

MAGNETIC INDICATOR STAND

- Standard: Factory standard
- Features fine adjustment
- With powerful on / off magnetic base
- Magnetic force 80Kg / 175 LBS
- Universal model which can be used for indicators
- with or without 'lug' on back plate
- Accepts dial test indicators, digital indicators, and normal indicators
- Extra rigid



Code	Description
MAW475-01	On/Off Magnetic

MAGNETIC INDICATOR STAND + INDICATOR

- Standard: Factory standard
- Complete with MAW400-06 Dial Indicator
- Features fine adjustment
- With powerful on / off magnetic base
- Magnetic force 80Kg/175 LBS
- Universal model which can be used for indicators with or without 'lug' on back plate
- Accepts dial test indicators, digital indicators, and normal indicators
- Extra rigid



Code	Description
MAW475-SET1	On/Off Magnetic

MAGNETIC INDICATOR STAND

- Mitutoyo's Magnetic Stands accept all dial indicators and dial test indicators
- The ON-OFF switch offers instant mounting and dismounting without any adverse effect to the indicators or workpiece surface
- 60 kg Magnetic force
- Quick adjustment
- Horizontal and vertical movement
- Without fine adjustment



Code	Base (W/L/H)
MIT7010S	50 x 60 x 55mm

Column Range
165-176mm

MAGNETIC INDICATOR STAND

- Mitutoyo's Magnetic Stands accept all dial indicators and dial test indicators
- The ON-OFF switch offers instant mounting and dismounting without any adverse effect to the indicators or workpiece surface
- 60 kg Magnetic force
- Quick adjustment
- Horizontal and vertical movement
- With fine adjustment



Code	Base (W/L/H)
MIT7011S	50 x 60 x 55mm

Column Range
165-176mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

MAGNETIC INDICATOR STAND

- 60 kg Magnetic force
- Quick adjustment
- Universal holder for dial indicator
- Horizontal and vertical movement
- Magnetic prismatic base
- With fine adjustment



Code	Height	Base
SHA1200	235 mm	60 x 50 x 55 mm

MAGNETIC INDICATOR STAND

- 60 kg Magnetic force
- Quick adjustment
- Universal holder for dial indicator
- Horizontal and vertical movement
- Magnetic prismatic base
- Without fine adjustment



Code	Height	Base
SHA1210	235 mm	60 x 50 x 55 mm

COUNTER - HAND HELD TYPE

- Hand operated press button type
- Fits in palm
- Has ring to fit finger for holding securely
- 4 Digit display
- Reset to zero knob
- Chromium plated finish



Code	Capacity
SHA0785	1 - 9999

COUNTER - RATCHET TYPE

- Lever operated with retaining spring
- Has to be mounted where it can be actuated
- Not suitable for hand operation
- Use in an assembly line or despatch
- Ideal for goods moving on a conveyor belt
- 5 Digit display
- Reset to zero knob
- Chromium plated finish



Code	Capacity
SHA0788	1 - 99999

OUTSIDE MICROMETER - TRADITIONAL

- Standard: BS870, DIN 863/1, ISO361
- Tungsten carbide measuring faces
- 6.8mm spindle diameter
- 'Speeder' type ratchet
- Locking lever
- Choice of standard or vernier type sleeve
- Tapered bow frame
- Supplied in plastic pocket case
- Adjusting key
- Blue textured frame finish

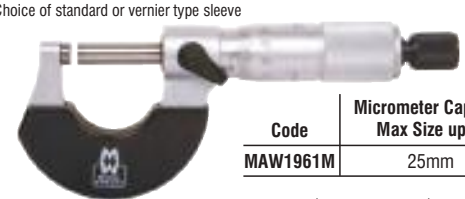


Code	Micrometer Capacity Max Size up to
MAW1965M	25mm

	Measuring Faces		Screw Pitch Accuracy	Carbide Anvil
	Flatness	Parallelism		
Accuracy:	0.001mm	0.003mm	0.003mm	0.01mm

OUTSIDE MICROMETER - TRADITIONAL

- Standard: BS870, DIN 863/1, ISO361
- Tungsten carbide measuring faces
- 6.8mm spindle diameter
- 'Speeder' type ratchet
- Locking lever
- Choice of standard or vernier type sleeve
- Tapered bow frame
- Supplied in plastic pocket case
- Adjusting key
- Pearl chrome plated frame with insulation pads

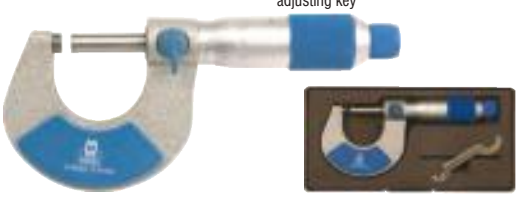


Code	Micrometer Capacity Max Size up to
MAW1961M	25mm

	Measuring Faces		Screw Pitch Accuracy	Carbide Anvil
	Flatness	Parallelism		
Accuracy:	0.001mm	0.003mm	0.003mm	0.01mm

OUTSIDE MICROMETER

- Standard: DIN863
- High quality outside micrometer
- Design line product
- Resolution 0.01mm
- Satin chrome scale
- Hammer tone finished frame with high quality insulated grip
- Tapered for easier access to difficult areas
- With Tungsten carbide measuring faces and constant force ratchet
- Packed in plastic box with standard and adjusting key



Code	Range	Resolution
MAW200-01	0-25mm	0.01mm

OUTSIDE MICROMETER

- Hammertone-green, baked-enamel finished frame
- Clear graduations on satin-chrome finish
- Positive locking clamp
- Ratchet Stop or Friction Thimble for exact repetitive reading
- Provided with a standard except for 25 mm (1") model



Code	Range	Graduation	Accuracy μm
MIT103-137	0-25mm	0.01mm	±2

OUTSIDE MICROMETER

- High quality
- Precise and accurate
- Excellent finish
- Clear graduations
- Individually boxed



Code	Range	Accuracy
SHA1400	0-25mm	0.02mm

OUTSIDE MICROMETER - MECHADIGIT BASIC DIGITAL

- Standard: DIN 863
- Low cost, mechanical /digital read-out micrometer
- Satin chrome scale
- No batteries needed
- Forged steel frame with insulated grip
- Tapered for easier access to difficult areas
- With Tungsten carbide measuring faces and constant force ratchet
- Packed in wooden / plastic box with standard and adjusting key



Code	Range	Accuracy
MAW230-01MDB	0-25mm	0.01mm

OUTSIDE MICROMETER - ANALOGUE DIGIMATIC

- High quality
- Precise and accurate
- Excellent finish
- Direct reading from counter
- Digimatic displays



Code	Size
SHA1405	0-25mm

OUTSIDE MICROMETER - ANALOGUE DIGITAL

- Mechanical digit counter for quick and error-free reading
- Direct readout on the counter to 0.01 mm
- Carbide-tipped measuring faces for long life



Code	Range	Graduation	Accuracy μm
MIT193-101	0-25mm	0.01mm	±2

OUTSIDE MICROMETER - DIGITRONIC 201/01DAB

- Protected to IP54 specifications
- Rugged steel design
- Large LCD display
- Absolute and incremental modes
- Carbide measuring faces
- Ball attachment included



Code	Range	Resolution
MAW201-01DAB	0-25mm	0.001mm/0.00005"

OUTSIDE MICROMETER - DIGIMATIC

- IP - 54 level water resistance protection
- Extra large LCD readout with 0.001 mm resolution
- Lightweight design allows measurements to be taken with the micrometer held in one hand
- Two measuring modes - Absolute and incremental for efficient measurement
- Functions available: Origin setting, mm selection, Zero-setting, Data hold, Error alarm, Data output
- Carbide-tipped measuring faces
- Battery: SR44 (938882) x 1pc. for models up to 275 - 300 mm range
- Micrometers of ranges up to 100 mm are "One-touch preset type"
- Provided with a standard except for 25 mm model



Code	Range	Graduation	Accuracy μm
MIT293-521/230	0-25mm	0.001mm	±1

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

OUTSIDE MICROMETER - DIGITAL

- High quality
- Precise and accurate
- Excellent finish
- Direct reading from LCD digital
- Digimatic displays



Code	Size
SHA1415	0-25mm

OUTSIDE MICROMETER

- Standard: DIN863
- High quality outside micrometer
- Design line product
- Resolution 0.01mm
- Satin chrome scale
- Hammer tone finished frame with high quality insulated grip
- Tapered for easier access to difficult areas
- With Tungsten carbide measuring faces and constant force ratchet
- Packed in plastic box with standard and adjusting key



Code	Range	Resolution
MAW200-02	25-50mm	0.01mm

OUTSIDE MICROMETER

- Hammertone-green, baked-enamel finished frame
- Clear graduations on satin-chrome finish
- Positive locking clamp
- Ratchet Stop or Friction Thimble for exact repetitive reading
- Provided with a standard except for 25 mm model



Code	Range	Graduation	Accuracy μm
MIT103-138	25-50mm	0.01mm	±2

OUTSIDE MICROMETER

- High quality
- Precise and accurate
- Excellent finish
- Clear graduations
- Individually boxed



Code	Range	Accuracy
SHA1410	25-50mm	0.02mm

OUTSIDE MICROMETER

- IP - 54 level water resistance protection
- Extra large LCD readout with 0.001 mm resolution
- Lightweight design allows measurements to be taken with the micrometer held in one hand
- Two measuring modes - Absolute and incremental for efficient measurement
- Functions available: Origin setting, mm selection, Zero-setting, Data hold, Error alarm, Data output
- Carbide-tipped measuring faces
- Battery: SR44 (938882) x 1pc. for models up to 275 - 300 mm range
- Micrometers of ranges up to 100 mm are "One-touch preset type"
- Provided with a standard except for 25 mm model



Code	Range	Graduation	Accuracy μm
MIT293-522	25-50mm	0.001mm	±1

OUTSIDE MICROMETER

- Standard: DIN863
- High quality outside micrometer
- Design line product
- Resolution 0.01mm
- Satin chrome scale
- Hammer tone finished frame with high quality insulated grip
- Tapered for easier access to difficult areas
- With Tungsten carbide measuring faces and constant force ratchet
- Packed in plastic box with standard and adjusting key



Code	Range	Resolution
MAW200-03	50-75mm	0.01mm

Mitutoyo OUTSIDE MICROMETER

- Hammertone-green, baked-enamel finished frame
- Clear graduations on satin-chrome finish
- Positive locking clamp
- Ratchet Stop or Friction Thimble for exact repetitive reading
- Provided with a standard except for 25 mm model



Code	Range	Graduation	Accuracy μm
MIT103-139	50-75mm	0.01mm	±2

Mitutoyo OUTSIDE MICROMETER - DIGIMATIC

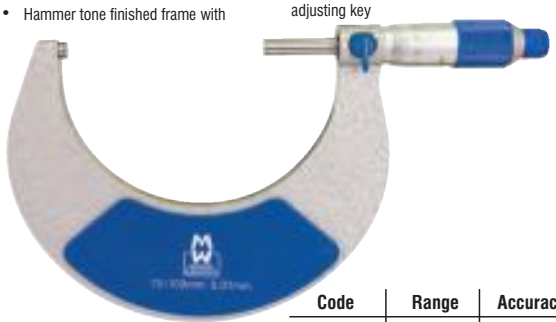
- IP - 54 level water resistance protection
- Extra large LCD readout with 0.001 mm resolution
- Lightweight design allows measurements to be taken with the micrometer held in one hand
- Two measuring modes - Absolute and incremental for efficient measurement
- Functions available: Origin setting, mm selection, Zero-setting, Data hold, Error alarm, Data output
- Carbide-tipped measuring faces
- Battery: SR44 (938882) x 1pc. for models up to 275 - 300 mm range
- Micrometers of ranges up to 100 mm are "One-touch preset type"
- Provided with a standard except for 25 mm model.



Code	Range	Graduation	Accuracy μm
MIT293-232	50-75mm	0.001mm	±1

MOORE & WRIGHT OUTSIDE MICROMETER

- Standard: DIN863
- High quality outside micrometer
- Design line product
- Resolution 0.01mm
- Satin chrome scale
- Hammer tone finished frame with high quality insulated grip
- Tapered for easier access to difficult areas
- With Tungsten carbide measuring faces
- Constant force ratchets
- Packed in plastic box with standard and adjusting key



Code	Range	Accuracy
MAW200-04	75-100mm	0.01mm

Mitutoyo OUTSIDE MICROMETER

- Hammertone-green, baked-enamel finished frame
- Clear graduations on satin-chrome finish
- Positive locking clamp
- Ratchet Stop or Friction Thimble for exact repetitive reading
- Provided with a standard except for 25 mm model



Code	Range	Graduation	Accuracy μm
MIT103-140	75-100mm	0.01mm	±2

MOORE & WRIGHT OUTSIDE MICROMETER - LARGE

- Standard: DIN 863
- Strong forged steel frame, Hammer tone finish, Quality insulated grip
- Design line product
- Satin chrome scale
- Tapered for easier access to difficult areas
- With tungsten carbide measuring faces, constant force ratchet
- Packed in wooden box with standard and adjusting key



Code	Range	Resolution
MAW210-01	100-125mm	0.01mm



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

OUTSIDE MICROMETER - LARGE

- Standard: DIN 863
- Strong forged steel frame, Hammer tone finish, Quality insulated grip
- Design line product
- Satin chrome scale
- Tapered for easier access to difficult areas
- With tungsten carbide measuring faces, constant force ratchet
- Packed in wooden box with standard and adjusting key

Code	Range	Resolution
MAW210-02	125-150mm	0.01mm

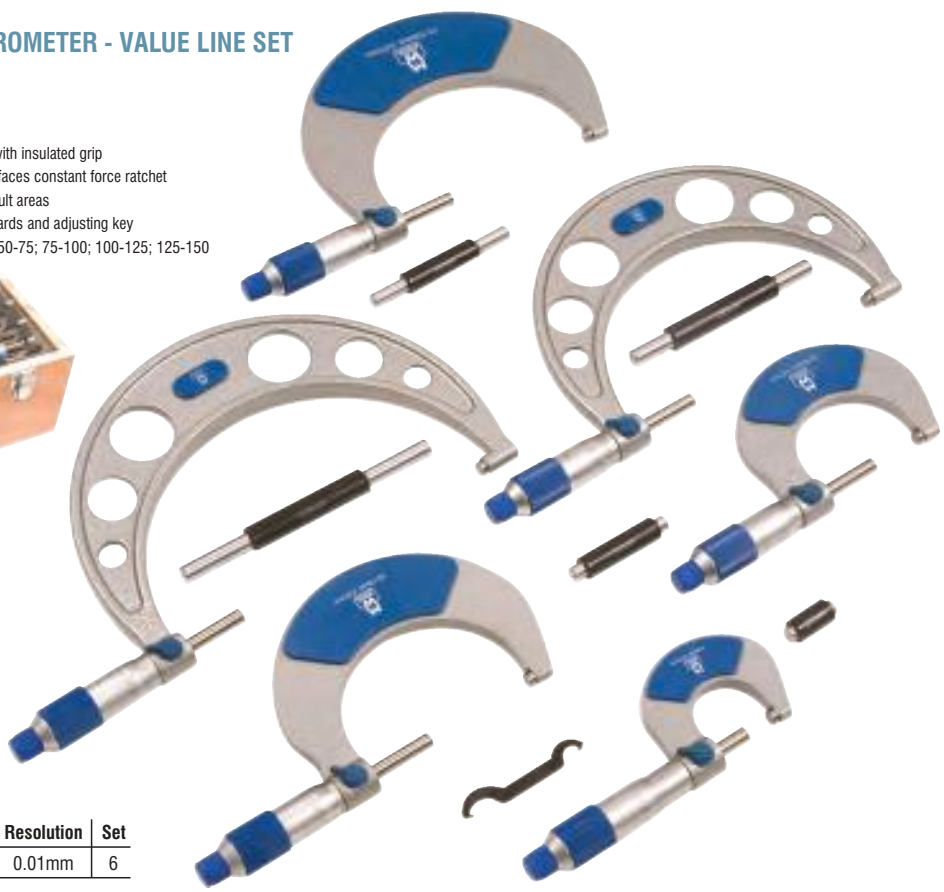




OUTSIDE MICROMETER - VALUE LINE SET

- Standard: DIN 863
- Satin chrome scale
- Satin chrome forged steel frame with insulated grip
- With tungsten carbide measuring faces constant force ratchet
- Tapered for easier access to difficult areas
- Packed in wooden box with standards and adjusting key
- Micrometers in set: 0-25; 25-50; 50-75; 75-100; 100-125; 125-150





Code	Range	Resolution	Set
MAW215-03BL	0-150mm	0.01mm	6

OUTSIDE MICROMETER WITH INTERCHANGEABLE ANVILS

- Standard: DIN 863
- Features wide measuring range with interchangeable anvils
- Hardened and ground spindles and anvils
- Strong forged steel frame, hammertone finish, quality insulated grip
- Design line product.
- Satin chrome scale
- Tapered for easier access to difficult areas
- With tungsten carbide measuring faces and constant force ratchet
- Packed in wooden box with standards and adjusting keyStandard: DIN 863

Code	Range	Resolution
MAW217-01	0-100mm	0.01mm





OUTSIDE MICROMETER WITH INTERCHANGEABLE ANVILS

- Standard: DIN 863
- Features wide measuring range with interchangeable anvils
- Hardened and ground spindles and anvils
- Strong forged steel frame, hammertone finish, quality insulated grip
- Design line product.
- Satin chrome scale
- Tapered for easier access to difficult areas
- With tungsten carbide measuring faces and constant force ratchet
- Packed in wooden box with standards and adjusting keyStandard: DIN 863

Code	Range	Resolution
MAW217-02	0-150mm	0.01mm





AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

OUTSIDE MICROMETER WITH INTERCHANGEABLE ANVILS

- Standard: DIN 863
- Features wide measuring range with interchangeable anvils
- Hardened and ground spindles and anvils
- Strong forged steel frame, hammertone finish, quality insulated grip
- Design line product.
- Satin chrome scale
- Tapered for easier access to difficult areas
- With tungsten carbide measuring faces and constant force ratchet
- Packed in wooden box with standards and adjusting keyStandard: DIN 863



Code	Range	Resolution
MAW217-04	150-300mm	0.01mm

OUTSIDE MICROMETERS - SET OF 12

- Hammertone -green ,baked enamel finished frame
- Clear graduations on satin-chrome finish
- Positive locking clamp
- Ratchet stop or friction thimble for exact repetitive reading
- Provided with a standard except for 25mm (1") model
- Packed in robust wooden box
- Micrometer Sizes in set:
  0-25, 25-50, 50-75, 75-100, 100-125, 125-150, 150-175, 175-200, 200-225, 225-250, 250-275, 275-300mm





Code	Range	No. of Mics.	No. of Standards
MIT103-914	0-300mm	12	11

INSIDE MICROMETER SET - TUBULAR

- Standard: DIN 863
- Ideal for large diameters
- With tungsten carbide measuring faces
- All measuring faces are micro-lapped
- Satin chromed scale and Body with lock screw
- All extension pieces equipped with gauge-parts are under constant spring loading
- Packed in a wooden box



Code	Range	Resolution
MAW300-01	50-250mm	0.01mm

INSIDE MICROMETER SET - TUBULAR

- Standard: DIN 863
- Ideal for large diameters
- With tungsten carbide measuring faces
- All measuring faces are micro-lapped
- Satin chromed scale and Body with lock screw
- All extension pieces equipped with gauge-parts are under constant spring loading
- Packed in a wooden box



Code	Range	Resolution
MAW300-02	50-600mm	0.01mm

INTERNAL MICROMETER TRADITIONAL903M

- Standard: BS5959
- Supplied with measuring head, extension rods and spacing collar for alternative measuring ranges
- Has detachable extension handles
- Supplied in a fitted case



Code	Capacity	Head Range
MAW903M	50-310mm	10mm

INSIDE MICROMETER SET - TUBULAR

- Extension rod type up to 300mm
- Wide range of ID measurements by combining extension rod (pipes) and anvils with the micrometer head
- Plain measuring faces



Code	Range	Extension Rods
MIT137-102/202	50-300mm	13, 25, 2x50, 100mm

INSIDE MICROMETER SET - TUBULAR

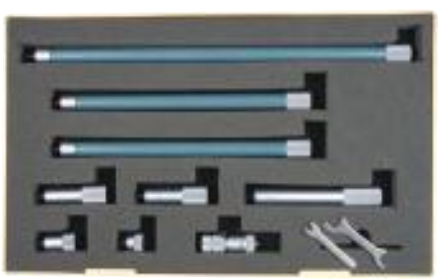
- Extension rod type up to 500mm
- Wide range of ID measurements by combining extension rod (pipes) and anvils with the micrometer head
- Plain measuring faces



Code	Range	Extension Rods
MIT137-103/203	50-500mm	13, 25, 2x50, 100, 200mm

INSIDE MICROMETER SET - TUBULAR

- Extension rod type up to 1000mm
- Wide range of ID measurements by combining extension rod (pipes) and anvils with the micrometer head
- Plain measuring faces



Code	Range	Extension Rods
MIT137-104/204	50-1000mm	13, 25, 50, 2x100, 150, 200, 300mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

Mitutoyo INSIDE MICROMETER SET

- Interchangeable rod type
- Wide range of ID measurements with interchangeable rods
- Each interchangeable rod is marked with its measuring range
- The sizes of interchangeable rods can be adjusted with spacing collars
- Both micrometer head and furnished rods are satin-chrome finished throughout



Code	Size	Graduation	Travel	No. of Rods
MIT141-101	25-50mm	0.01mm	7mm	2

Mitutoyo INSIDE MICROMETER SET

- Interchangeable rod type
- Wide range of ID measurements with interchangeable rods
- Each interchangeable rod is marked with its measuring range
- The sizes of interchangeable rods can be adjusted with spacing collars
- Both micrometer head and furnished rods are satin-chrome finished throughout



Code	Size	Graduation	Travel	No. of Rods
MIT141-105	50-200mm	0.01mm	13mm	6

OMNI-TECH INSIDE MICROMETER SET

- High quality
- Precise and accurate
- Excellent finish
- Clear graduations
- Individually boxedhead and furnished rods are satin-chrome finished throughout



Code	Size
SHA1290	25-50mm

OMNI-TECH INSIDE MICROMETER SET

- High quality
- Precise and accurate
- Excellent finish
- Clear graduations
- Individually boxedhead and furnished rods are satin-chrome finished throughout



Code	Size
SHA1295	50-250mm

MOORE & WRIGHT DEPTH MICROMETERS

- Standard:DIN863
- With interchangeable rods
- Rods are hardened
- Measuring faces are micro-lapped
- Solid construction
- Laser engraved resolution 0.01mm
- Satin chromed body and base
- Constant force ratchet on thimble
- Packed in wooden/ plastic box with standard and adjusting key





Code	Size
MAW305-02	0-100mm

MOORE & WRIGHT DEPTH MICROMETERS

- Standard:DIN863
- With interchangeable rods
- Rods are hardened
- Measuring faces are micro-lapped
- Solid construction
- Laser engraved resolution 0.01mm
- Satin chromed body and base
- Constant force ratchet on thimble
- Packed in wooden/ plastic box with standard and adjusting key

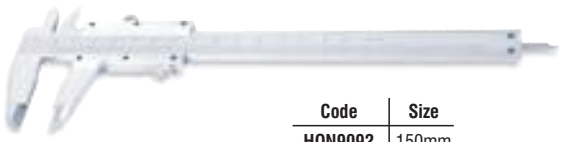




Code	Size
MAW305-03	0-150mm

STAINLESS STEEL VERNIER

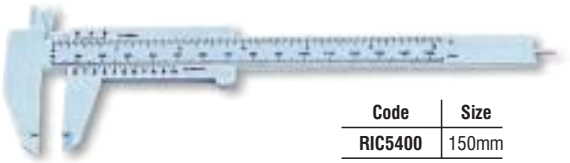
- Provided with thumb lock for easier handling
- Quadri" 4-way measurement system
- Outside - inside - depth - step - measurement
- Allowance ±0,1m



Code	Size
HON9092	150mm

PLASTIC VERNIER

- Lightweight, handy for home or school
- Tough plastic body with metal spine
- Can be used for internal, external and depth measurements
- Clear metric/imperial dual graduations - cm/mm and 1/16"



Code	Size
RIC5400	150mm

VERNIER CALIPER - WORKSHOP

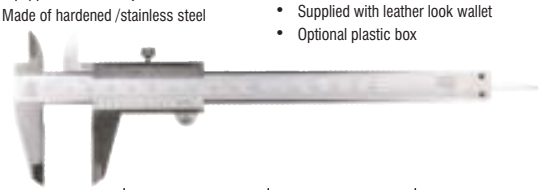
- Standard workshop model with setscrew
- Equipped with fine adjustment
- 4- way measurement
- Assembly slider model
- Made of hardened alloyed stainless steel
- Chromed scale with engraved graduations
- Measuring surface is micro-lapped
- Packed in plastic box



Code	Range	Resolution	Jaw Length
MAW105-201	0-200mm / 0-8"	0.02mm / 0.001"	50mm
MAW105-301	0-300mm / 0-12"	0.02mm / 0.001"	55mm

VERNIER CALIPER

- High precision vernier caliper
- 4 Way measurement
- Mono block solid slider model
- Equipped with fine adjustment
- Made of hardened /stainless steel
- Chromed scale with laser engraved graduations
- Scale shows both mm and inch values
- Measuring surface is micro lapped
- Supplied with leather look wallet
- Optional plastic box



Code	Range	Resolution	Jaw Length
MAW110-15	0-150mm / 0-6"	0.05mm / 1/128"	40mm
MAW110-20	0-200mm / 0-8"	0.05mm / 1/128"	40mm
MAW110-30	0-300mm / 0-12"	0.05mm / 1/128"	55mm

VERNIER CALIPER

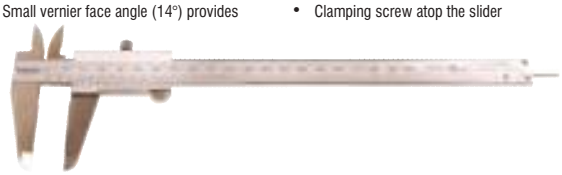
- High precision vernier caliper
- 4 Way measurement
- Mono block solid slider model
- Equipped with fine adjustment
- Made of hardened /stainless steel
- Chromed scale with laser engraved graduations
- Scale shows both mm and inch values
- Measuring surface is micro lapped
- Supplied with leather look wallet
- Optional plastic box



Code	Range	Resolution	Jaw Length
MAW110-15I	0-150mm / 0-6"	0.02mm / 0.001"	40mm

VERNIER CALIPER

- Plain and basic design
- Can measure OD, ID, depth and steps
- Small vernier face angle (14°) provides easy reading
- Different reading scales on vernier
- Clamping screw atop the slider



Code	Range	Vernier Reading	Accuracy
MIT530-101	0-150mm	0.05mm	0.05mm
MIT530-108	0-200mm	0.05mm	0.05mm
MIT530-109	0-300mm	0.05mm	0.05mm
MIT530-119	0-300mm / 0-12"	0.02mm / 0,001"	±0.04mm

VERNIER CALIPER

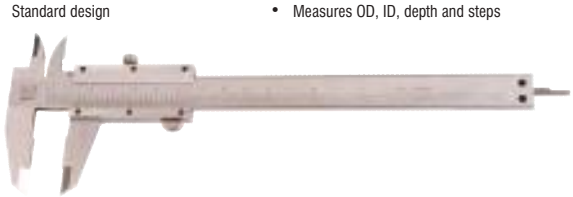
- With thumb clamp
- Slider moves only when the spring loaded thumb clamp is depressed
- Can measure OD, ID, depth and steps



Code	Range	Reading	Accuracy
MIT531-101	0-150mm	0.05mm	0.05mm
MIT531-103	0-300mm	0.05mm	0.08mm

VERNIER CALIPER

- Screw lock
- Standard design
- Clamping screw on top of the slide
- Measures OD, ID, depth and steps



Code	Range	Graduation	Accuracy µm
SHA1800	0-150mm	0.05mm	±0.05
SHA1805	0-200mm	0.05mm	±0.05
SHA1950	0-300mm	0.05mm	±0.05

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

Mitutoyo VERNIER CALIPER

- With fine adjustment
- With Nib Style Jaws
- Jaws have round measuring faces for accurate ID measurements
- With fine - adjustable carriage to feed the slider finely
- Inside and outside measurements can be directly read from the upper and lower slider graduations, respectively
- No depth measuring bar



Code	Int. Range	Ext. Reading	VernierGraduation	Accuracy
MIT160-101	20-600mm	0-600mm	0.02mm	0.05mm

Mitutoyo VERNIER CALIPER

- With fine adjustment
- Provided with a fine adjustment carriage
- Can measure OD, ID, depth and stops



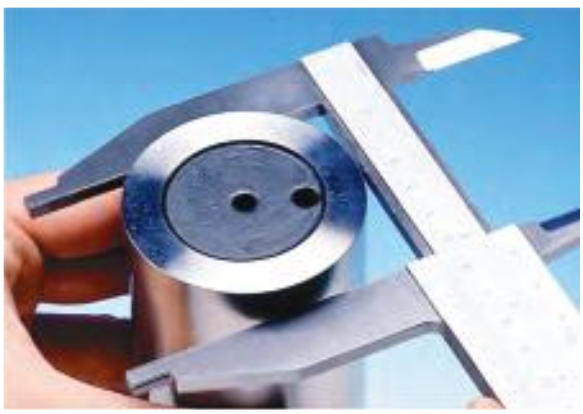
Code	Range	Vernier Reading	Accuracy
MIT532-102	0-180mm	0.02mm	0.03mm

OMNI-TECH VERNIER CALIPER

- Screw lock
- Standard design
- Clamping screw on top of the slide
- Measures OD, ID, depth and steps
- Metric/imperial

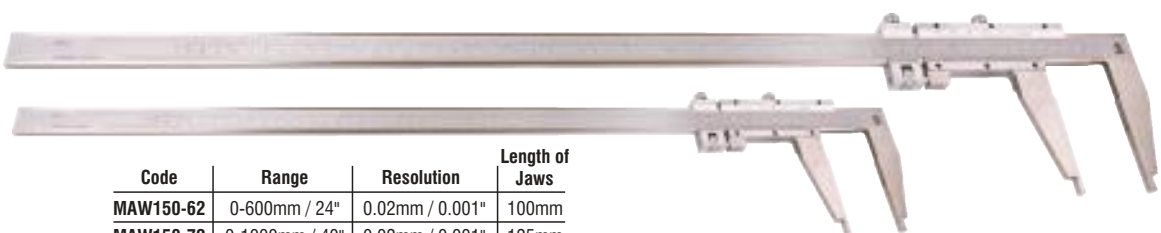


Code	Range	Graduation	Accuracy μm
SHA1855	0-150mm / 6"	0.02mm / 0.001"	±0.03mm
SHA1970	0-200mm / 8"	0.02mm / 0.001"	±0.03mm



MOORE & WRIGHT VERNIER CALIPER - LARGE

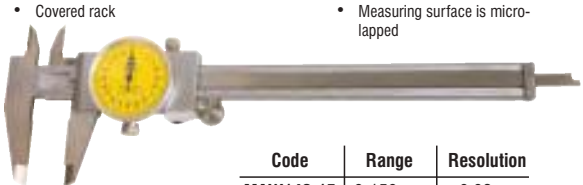
- Factory standard
- Standard workshop model with stop screw
- Mono block solid slider
- Made of hardened alloyed stainless steel
- Jaws for internal and external measurement
- Chromed scale with laser engraved graduations
- Measuring surface is micro-lapped
- With fine adjustment
- Packed in wooden box



Code	Range	Resolution	Length of Jaws
MAW150-62	0-600mm / 24"	0.02mm / 0.001"	100mm
MAW150-72	0-1000mm / 40"	0.02mm / 0.001"	125mm

MOORE & WRIGHT DIAL VERNIER CALIPER

- Standard: DIN 862
- High quality shockproof dial calliper
- Rapid movement with thumb wheel
- Covered rack
- 4-way measurement
- Standard yellow metric face
- Hardened stainless steel rack
- Measuring surface is micro-lapped



Code	Range	Resolution
MAW142-15	0-150mm	0.02mm
MAW142-20	0-200mm	0.02mm
MAW142-30	0-300mm	0.02mm

Mitutoyo DIAL VERNIER CALIPER

- Slider displacements are amplified by a rack-and-pinion mechanism and indicated on the dial
- Can measure OD, ID, depth and steps
- Clamping screw atop the slider
- Special models available with carbide-tipped OD and ID jaws



Code	Range	Dial Reading	Range / Rev.	Accuracy
MIT505-646/71	0-150mm	0.02mm	2mm	0.03mm
MIT505-647/72	0-200mm	0.02mm	2mm	0.03mm
MIT505-648/73	0-300mm	0.02mm	2mm	0.04mm

DIAL VERNIER CALIPER

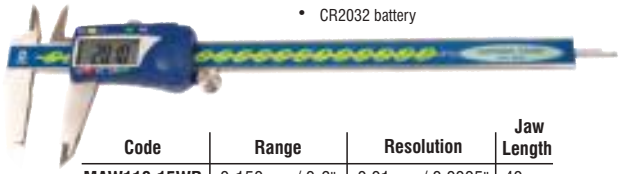
- With dial
- Has dial for extra precision
- High quality



Code	Range	Graduation	Range / Rev.	Accuracy μm
SHA1850	0-150mm	0.02mm	2mm	±0.03mm
SHA1860	0-200mm	0.02mm	2mm	±0.03mm
SHA1870	0-300mm	0.02mm	2mm	±0.04mm

VERNIER CALIPER - WATER RESISTANT DIGITRONIC

- Standard: DIN 862
- Water and dust resistant to IP54 specification
- Mm/inch conversion
- On/off
- Zero setting ABS/INC measurement
- Patented ceramic capacitive sensor
- Large LCD screen
- CR2032 battery



Code	Range	Resolution	Jaw Length
MAW110-15WR	0-150mm / 0-6"	0.01mm / 0.0005"	40mm
MAW110-20WR	0-200mm / 0-8"	0.01mm / 0.0005"	50mm
MAW110-30WR	0-300mm / 0-12"	0.01mm / 0.0005"	60mm

VERNIER CALIPER - DIGIMATIC

- Mitutoyo's new absolute-reading Digimatic Caliper "MYCAL ABSOLUTE" is the next generation of electronic calipers
- It keeps track of its origin point once set
- Whenever turned on, the large LCD screen displays the actual slider position ready to start measurement
- No more repeated zero settings is necessary as well as no more care for over-speed errors
- Large and clear LCD read out
- The ZERO/ABS key allows the display to be zero–set at any slider position along the scale for incremental comparison measurements
- This switch will also allow return to absolute (ABS) coordinate and display of the true position from the origin point (usually jaws – closed point)
- Carbide – tipped jaw type calipers are also available



Code	Range	Digital Reading	Accuracy
MIT500-171	0-150mm / 0-6"	0.01mm / 0.0005"	0.001"
MIT500-172	0-200mm / 0-8"	0.01mm / 0.0005"	0.001"
MIT500-173	0-300mm / 0-12"	0.01mm / 0.0005"	0.0015"

VERNIER CALIPER - DIGIMATIC

- With digital display
- High quality



Code	Ref No.	Range	Digital Read Out	Accuracy μm
SHA1890	101-0150	0-150mm	0.01mm / 0.0005"	±0.001"
SHA1920	101-0200	0-200mm	0.01mm / 0.0005"	±0.001"
SHA1960	101-0300	0-300mm	0.01mm / 0.0005"	±0.001"

JENNY CALIPER

- Manufactured from selected steel, the legs are exceptionally rugged and well finished
- The leg that holds the adjustable point is offset
- The locating lug is incorporated in the straight leg
- A useful tool for layout work, locating and testing centres and laying off distances from an edge
- A specific advantage of the Jenny Caliper is that it allows easy marking of arcs along the edge of the work piece



Code	Size
GRO1200	150mm

INSIDE CALIPERS

- Calipers are one of the oldest type of comparison measuring tools
- These are designed for taking comparative measurements and transferring the dimensions to a micrometer, precision rule etc
- Manufactured from selected steel calipers and dividers have a spring joint for precision settings
- The legs pivot on a roller and are tensioned by a bow spring
- The fulcrum stud has a large bearing surface that prevents side deflection

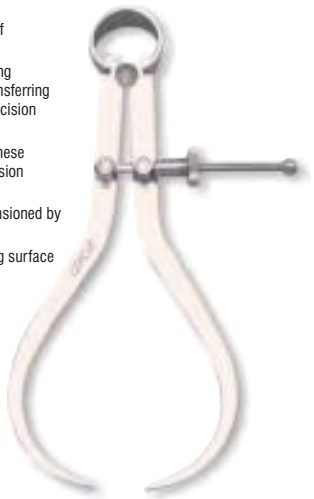


Code	Size
GRO1250	100mm
GRO1255	150mm
GRO1260	200mm
GRO1265	250mm
GRO1270	300mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

OUTSIDE CALIPERS

- Calipers are one of the oldest type of comparison measuring tools
- These calipers are designed for taking comparative measurements and transferring the dimensions to a micrometer, precision rule etc
- Manufactured from selected steel, these calipers have a spring joint for precision settings
- The legs pivot on a roller and are tensioned by a bow spring
- The fulcrum stud has a large bearing surface that prevents side deflection



Code	Size
GRO1275	100mm
GRO1280	150mm
GRO1285	200mm
GRO1290	250mm
GRO1295	300mm

CALIPER SET

- Contents:
- Inside Caliper - 150 mm
- Outside Caliper - 150 mm
- Spring Divider - 150 mm
- Designed for reliable, accurate layout and measurement jobs, these are of immense use to toolmakers and all mechanics who require finer adjustment and better balance
- Manufactured from high grade steel, the legs are machined to a smooth taper. Fulcrum stud has a large bearing surface preventing side deflection of legs
- Hardened working points help reduce wear



Code	Size
GRO1695	3 pce

DIVIDERS

- Dividers are used for marking out circles on steel or transferring measurements from master templates
- Designed for reliable, accurate layout and measurement jobs, these are of immense use to toolmakers and all mechanics who require finer adjustment and better balance
- Manufactured from high grade steel, the legs are machined to a smooth taper
- Fulcrum stud has a large bearing surface preventing side deflection of legs
- Hardened working points help reduce wear



Code	Size
GRO1700	100mm
GRO1705	150mm
GRO1710	200mm
GRO1715	250mm
GRO1720	300mm

RADIUS MARKER STD 1224

- Models are available in four sizes for scribing circles up to 610mm diameter
- Folding type design
- 3 smaller models will fit conveniently into a shirt pocket
- Sturdy friction joints to maintain rigidity and accuracy and are made from lightweight, rustproof aluminium for long wear
- A soapstone crayon is already installed in each radius marker



Code	Size
CNT0105	Up to 610mm Ø

TRAMMEL HEADS No. 33

- Also known as a “beam compass”
- For laying out the distance between two points
- For scribing large arcs and circles
- Use wooden strip off-cut minimum 10 mm thick x 38 mm wide
- A pencil can be fitted in place of one pin





Code	Size
ECP4800	Pair

MAGNETIC SCRIBER

- Tungsten Carbide tip for marking on hard metals
- Permanent magnet on the opposite end for picking up of small parts



Code	Size
GRO5395	150mm

POCKET SCRIBER

- These scribers have a black body and knurled chuck
- The point can be reversed in the body for convenient storage
- The pocket clip also prevents the tool from rolling off the bench



Code	Size
GRO5420	89mm

ENGINEER'S SCRIBER

- This double ended scriber has one right angled end
- Both points are hardened and ground to facilitate accurate marking out



Code	Size
GRO5400	190mm

ENGINEER'S POCKET SCRIBER

- Tungsten carbide scriber point quality
- Knurled brass handle is nickel plated with a convenient pocket clip
- Handle tip is magnetic



Code	Size
RIC3040	130mm

ENGINEER'S SCRIBER - 3 PCE SET

- 3 Interchangeable threaded points, short straight, short bent, and long bent
- Very handy as different combinations can be used for different applications



Code	Size
GRO5405	3 pce

ENGINEER'S SCRIBER - E222

- Hardened and ground point
- Used for accurate marking out
- Double - ended



Code	Size
ECP4680	190mm

CHALK - SOAPSTONE

- Masonry & construction soapstone pencil marker
- Supplied in a 3kg box (144 pieces)



Code	Size
HON0800	150mm

SOAPSTONE HOLDER - FLAT

- Flat crayon holder
- For protection of soapstone crayons
- Durable anodized aluminium cases are available
- The design allows the use of over 90 percent of the crayon

Code
CNT27



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

CONTOUR MARKER - STANDARD

- Contour Marker consists of an X-shaped frame, calibrated protractor, and a triple-jointed marking arm and holder
- The holder accepts a soapstone crayon (included), felt pen or pencil
- It is used to lay out pipe and structural steel joints
- Laterals at any angle, tees, wyes, crosses, elbows - any type or size of joint can be quickly and precisely laid out
- Pipe from 38 to 450 mm diameter or structural steel members up to 450 mm
- It can be used right side up or upside down, depending on the direction of the line to be scribed
- The protractor is calibrated on both sides - one in degrees, the other in rise-inches-per-foot-to service any type of measurement need
- The unit comes with a Structural Adaptor designed to simplify the layout of structural joints, including I-beams, angles, channels, square tubing and similar shapes
- The Contour Marker is made from durable, lightweight aluminium. It requires minimal maintenance, only occasional oiling of the joints, to provide long service life
- No more complicated mathematical formulas
- No more cut and try
- No more needless material waste

Code	Pipe Ø
CNT1	38-450mm



CONTOUR MARKER - JUMBO No. 4

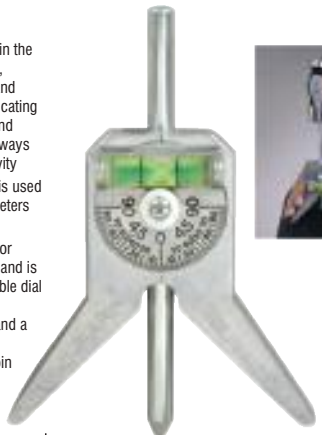
- A larger version of the standard Contour Marker
- The Jumbo Contour Marker (JCM) has been developed for use in the layout of large diameter pipe, from 200 to 1200mm
- With its Structural Adaptor, the JCM can be used in the layout of extremely large
- structural steel members up to 1200 mm wide
- The JCM comes complete with a durable web strap that helps hold the unit in place during layout
- A built-in adjustable dial bubble protractor ensures accurate center-line location
- A soapstone crayon is included

Code	Pipe Ø
CNT4	200-1200mm



CENTERING HEADS

- Centering Heads aid in the setting of centerlines, establishing angles and marks for butt-ins, locating points inside pipes and tanks, laying out keyways and measuring declivity
- The standard model is used on pipe 13 mm diameters and larger
- Available with a 100 or 200mm Y-type head and is fitted with an adjustable dial bubble protractor (CNT0030 see left) and a manually operated hardened centering pin





Code	Ref. No.	Head Size
CNT6	No. 6	100mm
CNT7	No. 7 (Jumbo)	200mm

DIAL - SET - LEVEL

- The DSL is a spare adjustable bubble protractor used with a number of Curv-O-Mark® tools (Stock No.: 4, 6, 7, 8, 20 and 33)
- The protractor covers 180˚ degrees through two 90˚ degree quadrants, reading in 21/2-degree increments
- The bubble is cast in the aluminium dial



Code
CNT0030

LUMBER CRAYONS - HARD

- Used in lumber yards and engineering shops for marking



Code	Qty/Colour
ROL0005	12 - Black
ROL0010	12 - Blue
ROL0020	12 - Red
ROL0025	12 - White
ROL0030	12 - Yellow

LUMBER CRAYONS - GENERAL PURPOSE

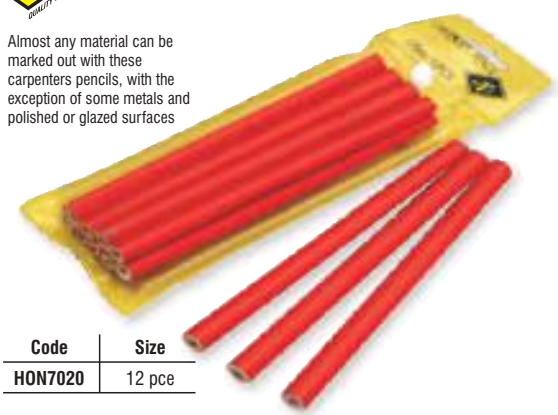
- Used in lumber yards and engineering shops for marking



Code	Qty/Colour
ROL0100	12 - Black
ROL0110	12 - Blue
ROL0120	12 - Red
ROL0130	12 - White
ROL0140	12 - Yellow

CARPENTER'S PENCILS

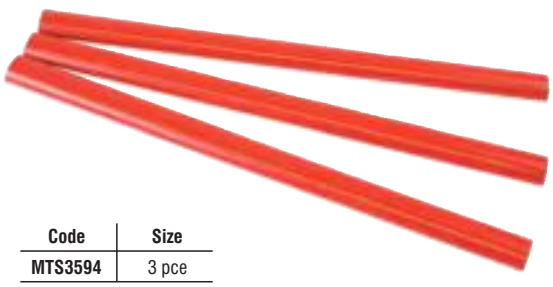
- Almost any material can be marked out with these carpenters pencils, with the exception of some metals and polished or glazed surfaces



Code	Size
HON7020	12 pce

CARPENTER'S PENCILS

- Almost any material can be marked out with these carpenters pencils, with the exception of some metals and polished or glazed surfaces



Code	Size
MTS3594	3 pce

CARPENTER'S PENCILS

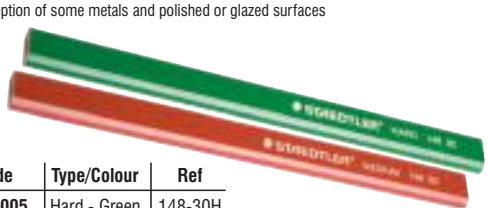
- Almost any material can be marked out with these carpenters pencils, with the exception of some metals and polished or glazed surfaces



Code	Type/Colour
ROL1020	Soft - Green
ROL1040	Med - Red
ROL1060	Hard - Blue

CARPENTER'S PENCILS

- Almost any material can be marked out with these carpenters pencils, with the exception of some metals and polished or glazed surfaces



Code	Type/Colour	Ref
STD0005	Hard - Green	148-30H
STD1010	Med - Red	148-30M

SCHOOL BOARD CHALK

- White and coloured soft chalk



Code	Colour/Qty.
ROL0035	White / 100 Box
ROL0040	Coloured / 100 Box

PLASTIC CHALKLINE

- A rigid PVC chalkline with 30m string and plastic end hook



Code	Length
HON0805	30m

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

ALUMINIUM CHALKLINE

- Sturdy die-cast aluminium case
- 30m line with plated hook
- Rewind handle



Code	Length
MTS2150	30m

STANLEY CHALKLINE REEL - 47-440

- High impact ABS case
- Sliding door for quick and easy refill
- 30gr capacity



Code	Length
STA2606	30m

IRWIN CHALKLINE - PLASTIC CASE

- Speed-line
- Self chalking line
- Line clutch release -no need to lift handle
- Leak proof side filling
- Very quick return wind



Code	Length
IRW3248	30m

STANLEY CHALKLINE - DIE CAST METAL CASE - 47-099

- Professional chalk line reel
- Universal hook attaches to any projection or slot
- With slide hatch for filling
- Fold away handle



Code	Length
STA2605	30m

IRWIN CHALKLINE - ALUMINIUM CASE

- Speed-line
- Self chalking polyester line
- Line vibrates 5 times per snap
- Line clutch release -no need to lift handle
- Leak proof side filling
- Very quick return wind



Code	Size
IRW3250	30m

IRWIN CHALKLINE - HEAVY DUTY

- Lightweight ABS impact resistant case
- Retrieves chalk line 3.5 times faster
- Gear ratio 6:1
- Impact resistant
- Metal handle
- Strong polymer line
- Larger aggressive hook



Code	Size
IRW3235	30m

PLASTIC CHALKLINE SET

- This handy 3 piece set features:
- A rigid PVC chalkline with 15m string and plastic end hook
- 75mm line level
- 120g blue marking chalk in plastic bottle with convenient refill spout



Code	Size
MTS2152	3 pce

STANLEY CHALKLINE REEL + CHALK REFILL BLUE - 47-442

- High impact ABS case
- Sliding door for quick and easy refill
- 30gr capacity



Code	Length
STA2609	30m

IRWIN® CHALKLINE - ALUMINIUM CASE WITH CHALK

- Gear ratio 6:1
- Impact resistant
- Metal handle
- Strong polymer line
- Larger aggressive hook
- 30m Line plus chalk



Code	Length
IRW3230	30m

STANLEY® CHALK REELS - REPLACEMENT LINE - 47-101

- Replacement line for chalk reels



Code	Length
STA2600	30m

MTS® CHALKLINE REFILLS

- Suitable for all self-chalking lines



Code	Size
ELC0550	50g Blue
ELC0555	50g Red
ELC0560	50g White

IRWIN® CHALKLINE REFILLS

- Straitline chalk powder refill



Code	Size / Colour	Ref
IRW3252	227g Blue	10507685
IRW3253	227g Red	10507686

ROLFES® CHALKLINE REFILLS

- Chalk powder refill



Code	Size
ROL0045	150g Blue
ROL0050	150g White
ROL0055	150g Red

MECHANIC'S MARKING BLUE

- For marking and setting out on metal surfaces
- Paste form



Code	Size
AKR0005	30g

MTS® PLASTIC MARKING GAUGE

- Hardened marking spur
- Plastic Body & thumbscrew
- The gauge is used to mark parallel lines, either with or across the grain



Code	Size
HON0920	150mm

IRWIN® MORTICE AND MARKING GAUGE - TM2153

- Marples Gauges are fitted with hard wearing hardened steel spurs
- In addition, the hole in the stock is carefully broached to match the stem's contour
- They are fitted with a polyester friction pad between the thumb screw and stem to ensure a smooth sliding action
- Mortice and Marking Gauge has a single spur on top of the stem and two spurs on the underside for marking mortices
- The second of these is on a brass slide for smooth, easy adjustment



Code
MAR2500

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

KRAUSE STENCILS - NUMBERS

- High quality
- Precision cut
- Plain figure (0-9)
- Zinc metal

Code	Size
GER4130	25mm
GER4135	45mm
GER4140	50mm
GER4145	60mm
GER4150	80mm
GER4155	100mm



KRAUSE STENCILS - LETTERS

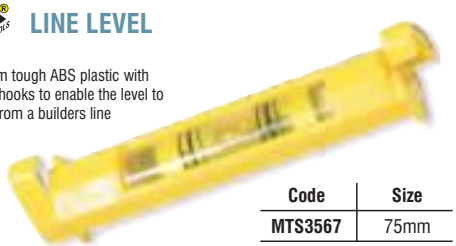
- High quality
- Precision cut
- A - Z plus &
- Zinc metal

Code	Size
GER4165	25mm
GER4170	45mm
GER4175	50mm
GER4180	60mm
GER4185	80mm
GER4190	100mm



LINE LEVEL

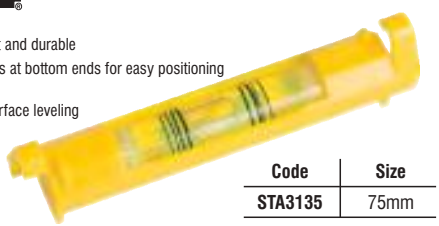
- Made from tough ABS plastic with moulded hooks to enable the level to be hung from a builders line



Code	Size
MTS3567	75mm

STANLEY LINE LEVEL - 42-193

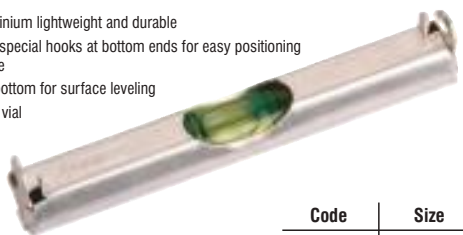
- Plastic lightweight and durable
- With special hooks at bottom ends for easy positioning of line
- Flat bottom for surface leveling
- 180º vial



Code	Size
STA3135	75mm

STANLEY LINE LEVEL - 42-287

- Aluminium lightweight and durable
- With special hooks at bottom ends for easy positioning of line
- Flat bottom for surface leveling
- 180º vial



Code	Size
STA3130	83mm

POST LEVEL

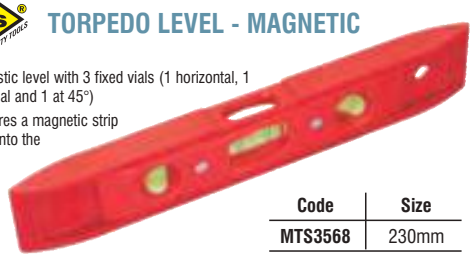
- The perfect tool for post and fencing work
- Accurately check vertical in two directions simultaneously
- Check horizontal stretcher wires
- Magnetic for use without hands on steel poles



Code	Size
MTS3569	120mm

TORPEDO LEVEL - MAGNETIC

- A plastic level with 3 fixed vials (1 horizontal, 1 vertical and 1 at 45°)
- Features a magnetic strip built into the body



Code	Size
MTS3568	230mm

STANLEY TORPEDO LEVEL - 0-42-294

- Lightweight injection moulded ABS body for strength
- 3 vials horizontal, plumb and 45º



Code	Size
STA3150	203mm

LEVEL - 5 PCE SET

- 5 piece plastic level set comprising:
- Line level
- Torpedo level
- Key Ring level
- Face level
- Angle finder



Code	Size
MTS3583	5 pce

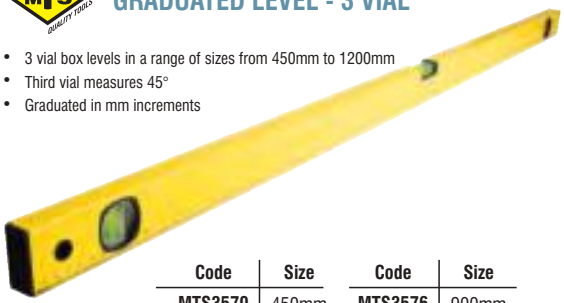
PRO-MAG LEVEL - No. 8

- A lightweight, aluminium, easy to use tool for determining angles, the Pro-Mag Level has two cast-in 25-pound pull magnets that hold securely to any steel surface
- 360˚adjustable DSL with two 90˚ quadrants graduated in 21/2-degree increments
- Also cast in are tables used to convert degree-of-angle to rise-in-inches-per-foot or mm/m
- A groove on the bottom edge permits use on a small pipe
- The Pro-Mag Level is 225 mm long, 50 mm high and 20 mm thick
- The unit is ideal for pipe fitter, welder, jig builder or anyone who has to determine angles or do setup work



Code
CNT8

GRADUATED LEVEL - 3 VIAL



- 3 vial box levels in a range of sizes from 450mm to 1200mm
- Third vial measures 45°
- Graduated in mm increments

Code	Size	Code	Size
MTS3570	450mm	MTS3576	900mm
MTS3572	600mm	MTS3578	1000mm
MTS3574	800mm	MTS3580	1200mm

LEVEL - 3 VIAL



- Aluminium construction
- Plumb
- Horizontal
- 45°

Code	Size	Code	Size
FRE1500	450mm	FRE1540	1000mm
FRE1510	600mm	FRE1550	1200mm
FRE1520	800mm	FRE1560	1500mm
FRE1530	900mm	FRE1570	1800mm

ROSS ALUMINIUM LEVEL - DIY - 2 VIAL



- Extruded aluminium i- section
- Powered coated finish with hand holes
- Plumb
- Horizontal

Code	Size	Code	Size
RAB2280	300mm	RAB2295	900mm
RAB2285	600mm	RAB2300	1000mm
RAB2290	800mm	RAB2305	1200mm

STANLEY BOX LEVEL - 2 VIAL



- Strong box section level
- Level has fixed protective end caps and a hanging hole
- Plumb
- Horizontal

Code	Size	Ref	Code	Size	Ref
STA3108	460mm	42-371	STA3112	1000mm	42-395
STA3110	600mm	42-389	STA3113	1200mm	42-399

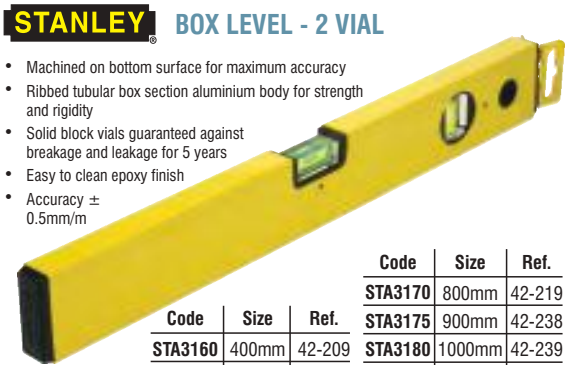
STANLEY LEVEL - FOAM CAST - 3 VIAL



- Durable shock resistant construction to maintain accuracy (2mm/m)
- Dent and bent proof
- Plumb
- Horizontal
- 45°

Code	Size	Ref	Code	Size	Ref
STA3116	300mm	1-42-474	STA3118	600mm	1-42-476
STA3117	450mm	1-42-475	STA3125	1200mm	1-42-471

STANLEY BOX LEVEL - 2 VIAL



- Machined on bottom surface for maximum accuracy
- Ribbed tubular box section aluminium body for strength and rigidity
- Solid block vials guaranteed against breakage and leakage for 5 years
- Easy to clean epoxy finish
- Accuracy ± 0.5mm/m

Code	Size	Ref.	Code	Size	Ref.
STA3160	400mm	42-209	STA3170	800mm	42-219
STA3165	600mm	42-218	STA3175	900mm	42-238
			STA3180	1000mm	42-239
			STA3185	1200mm	42-257

STABILA LEVEL - ALUMINIUM - 2 VIAL



- High quality
- Accuracy 0.29° = 0.5MM/m
- Precision measuring surface
- U.V stable
- Life time fixed vials
- Plumb
- Horizontal

Code	Size	Code	Size
STB1020	400mm	STB1050	900mm
STB1030	600mm	STB1060	1000mm
STB1040	800mm	STB1070	1200mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

DUMPY LEVEL

- Horizontal circle for laying out and measuring angles
- Fine motion knobs on left and right sides for fast and easy aiming
- Stadia lines to estimate distance
- Mirror for easy viewing of bubble quality
- ISO 9002 standard
- Waterproof, dustproof & lightweight
- Rigid PVC carry case with strap
- Supplied with plumb bob for accurate leveling
- Fine adjustment tools included
- Use with Tripod (HON4135) and Measuring Staff (HON4130) see below
- Spare parts are available

Specifications
Telescope magnification: 20X
Field of view: 1° 30'
Minimum focus: (0.5m)
Objective aperture: 30mm
Stadia: 1:100 ratio/0 additive
Leveling Accuracy: Standard deviation for 1km double-run leveling: 2.5mm
Horizontal circle: 1° graduations
Size: 220 x 128 x 125mm
Weight: 1.3kg



Code
HON4125



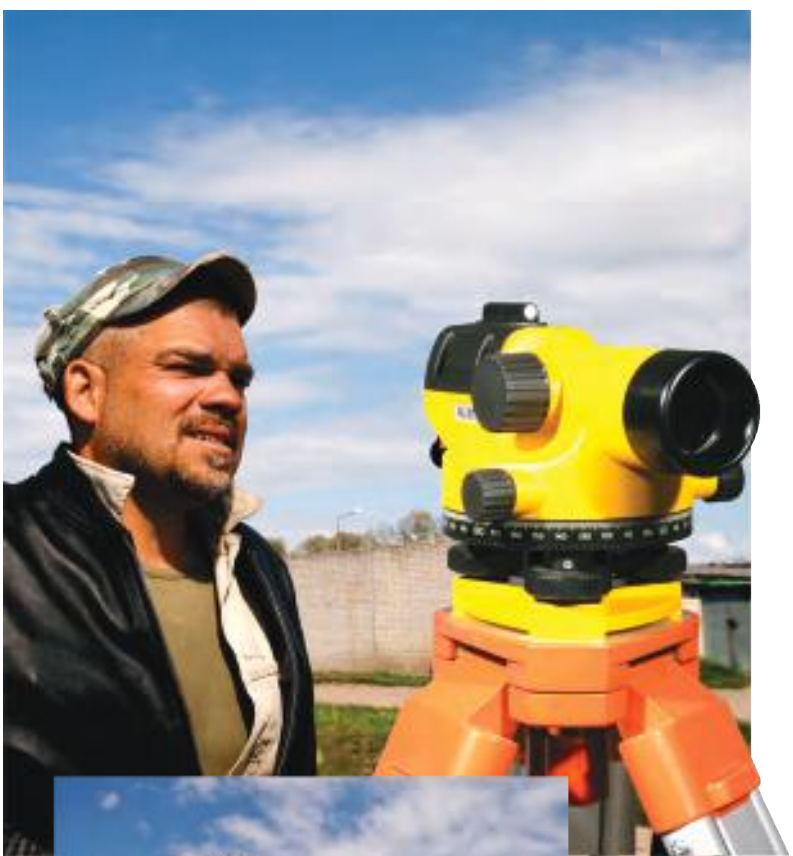
TRIPOD SUPPLIED SEPARATELY

DUMPY LEVEL TRIPOD STAND

- Lightweight aluminium
- Steel ground spikes
- Carry strap
- 5/8' thread
- Telescopic



Code	Size
HON4135	1600mm

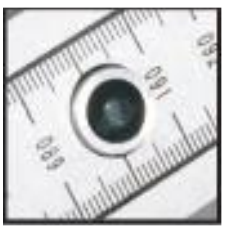


SURVEYOR'S LEVELLING STAFF

- 5 stage telescopic staff
- Self locking sections
- 0 - 5 metre
- Lightweight Aluminium construction
- Weather resistant mm markings on one side and bold measuring scale on the back
- Establish levels, heights & grades
- Millimetre graduations
- Locking buttons firmly secure telescopic sections



Millimetre graduations



Locking buttons firmly secure telescopic sections





Code	Size
HON4130	0-5m

ROSS LASER LEVEL - DIGITAL

- Laser beam of the laser level, (for use as a measuring standard) can be emitted horizontally and vertically
- The level and laser beam can be pivoted and rotated, through 360°
- The precise spectroscope can also be rotated through 360°
- It is widely used in building, tiling, architecture and angle measurement as well as interior decoration
  (RAB2210 includes case and stand)
- Technical Specifications:
- Wave Length: 650Nm
- Power Supply: 2 x 1.5V AAA alkaline batteries
- Maximum Power Output: 1mw
- Accuracy: 1mm/1m



Code	Item	Length
RAB2205	Level Only	600mm
RAB2210	Level, case & stand	400mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

Hitachi Power Tools Spares & Accessories



Power Tools Spares & Accessories

Quality Control

Under a stringent quality control programme, Hitachi Power Tools are without exception subjected to rigid inspections and tests at each stage of manufacture. Each part is meticulously scrutinised for flaws by expert inspectors. Components are thoroughly tested at assembly lines to ensure optimum performance, and each finished product is carefully examined to ensure uniform quality.

Product Warranty

The primary concern of Hitachi Power Tools is the convenience and satisfaction of the customer. To this end, each Hitachi Power Tool is carefully tested and inspected, and offer a one year guarantee against any defects in workmanship and materials.


560-561
Cordless Range


561
Cordless Accessories


562-565
Drilling


565-567
Rotary Hammer Drills


568
Breakers & Chipping Hammers


569
Demolition Hammers


570-573
Angle Grinders & Polishers


574
Die Grinders


575
Shears & Nibblers


575-576
Circular Saws


577-578
Jig Saws


578
Reciprocating Saws


578-579
Routers


580
Planers


581-582
Orbital Sanders

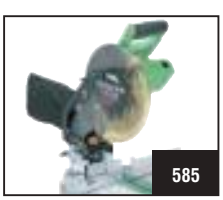

582
Belt Sanders


583
Screwdrivers


584
Impact Wrenches


584
Blower


585
Cut-off Machine


585
Mitre Saws


586-587
Magnetic Base Drills


587
Core Drill Grinder


588
Beveling Machines


588
Steel Circular Saw


589
Core Drill Cutters


590
Accessories


591
Carbon Brush Selection Chart

HITACHI
POWER TOOLS

HTC-DS9DVF3 10mm - 9,6V DRIVER DRILL - 2 SPEED - VAR/REV

* Soft grip handle
* Max torque in lock: 22Nm (195in.-lbs.)
* Fan-cooled motor with 2-speed gear
* 10mm keyless chuck
* Capacity for mild steel: 10mm
* Adjustable clutch: 22-stage torque
* Adjustable hook with bit holder
* 2 x 1.4Ah batteries EB914S with 30-min. charger UC18YG
* Supplied with torchlight UB12D and bit set

Specifications:

Drill Chuck	0.8 - 10mm (1/32 - 3/8") Keyless
Capacity: Mild Steel	10mm (3/8")
Soft Wood	21mm (13/32")
Wood Screw	5.8mm x 45mm
(DxL)	(#12 x 1-25/32")
Machine Screw	6mm (1/4")
Battery Voltage	9.6V
No Load Speed: High	0 – 840/min.
Low	0 – 280/min.
Maximum Torque in Lock	22Nm (195 in.-lbs.)
Torque Setting and Clutch	1- 6Nm (9-52in.-lbs.)
Overall Length	198mm (7-3/4")
Weight	1.4kg (3.1 lbs.)
Standard Accessories	2 Batteries (EB914S), Charger (UC18YG), Driver Bit, Carry Case, Torchlight & Bit Set



HTC-DS12DVF3 12mm - 12V DRIVER DRILL - 2 SPEED - VAR/REV

* Soft grip handle
* Max torque in lock: 26Nm (230in.-lbs.)
* Fan-cooled motor with 2-speed gear
* 10mm keyless chuck
* Capacity for mild steel: 12mm
* Adjustable clutch: 22-stage torque
* Adjustable hook with bit holder
* 2 x 1.4Ah batteries EB1214S with 30-min. charger UC18YG
* Supplied with torchlight UB12D and bit set

Specifications:

Drill Chuck	0.8 -10mm (1/32 - 3/8") Keyless
Capacity: Mild Steel	12mm (15/32")
Soft Wood	25mm (1")
Wood Screw	5.8 x 63mm
(DxL)	(#12 x 2-1/2")
Machine Screw	6mm (1/4")
Battery Voltage	12V
No Load Speed: High	0 – 1,050/min.
Low	0 – 350/min.
Torque Setting	1-6 Nm (9-52 in.-lbs.)
Overall Length	221mm (8-3/4")
Weight	1.5kg (3.3 lbs.)
Standard Accessories	2 Batteries (EB1214S), Charger (UC18YG), Driver Bit, Carry Case, Torchlight & Bit Set



HTC-DH36DL SDS+ - 36V ROTARY HAMMER 2 SPEED (2 ACTION MODE)

*36V, 2.6Ah capacity Lithium-ion battery BSL3626
* 80 minute charger UC36YRL
* 2 mode power: Save mode to prevent bending of small bits and Power mode for large bits
* 2 mode action: Drilling only and hammer drilling
* Lightweight 3.9kg
* Compact 322mm long
* Fan cooled, durable motor with replaceable carbon brushes
* Soft grip handle
* Fastest drilling speed in its class

Specifications:

Capacity: Concrete	26mm (1")
Mild Steel	13mm (1/2")
Bit Shank	SDS-plus
Voltage	36V
No Load Speed	0 - 550/min. 0 - 1,100/min.
Impact Rate	0 - 2,250/min. 0 - 4,500/min.
Weight	3.9kg (8.6lbs)
Overall Length	322mm (12-11/16")
Standard Accessories	Battery (BSL3626), Charger (UC36YRL), Side Handle, Depth Gauge, Carry Case



Eco-Product | With Carrying Case | Variable Speed | Two Speed | Reversible | Electronic Brake | Battery Voltage & Amp Rating

HITACHI POWER TOOLS

HTC-DH36DAL SDS+ - 36V ROTARY HAMMER 2 SPEED (3 ACTION MODE)

* 36V, 2.6Ah capacity Lithium-ion battery BSL3626
* 80 minute charger UC36YRL
* 2 mode power: Save mode to prevent bending of small bits and Power mode for large bits
* 3 mode action: Drilling only, hammer drilling and hammering only
* Lightweight 4.0kg
* Compact 322mm long
* Fan cooled, durable motor with replaceable carbon brushes
* Fastest drilling speed in its class



Specifications:

Capacity: Concrete	26mm (1")
Mild Steel	13mm (1/2")
Bit Shank	SDS-plus
Voltage	36V
No Load Speed	0 - 550/min. 0 - 1,100/min.
Impact Rate	0 - 2,250/min. 0 - 4,500/min.
Weight	4.0kg (8.8lbs)
Overall Length	322mm (12-11/16")
Standard Accessories	Battery (BSL3626), Charger (UC36YRL), Side Handle, Depth Gauge, Carry Case

36v Li-ion BATTERY

HITACHI POWER TOOLS

BATTERY & CHARGER COMBINATION TABLE



Battery			Work Capacity	Charger			For Model
Voltage	Type	Capacity		HTC-UC18YRL	HTC-UC24YFB	HTC-UC24YFA	
9.6V	FEB9	1.3Ah	12.5Wh	18 min.	-	35 min.	DS9DVF3
	EB914	1.4Ah	13.4Wh	20 min.	-	40 min.	
	EB924	2.4Ah	23.0Wh	35 min.	-	60 min.	
12V	EB12H**	2.2Ah	26.4Wh	35 min.	-	55 min.	DS12DVF3, DV12DV, WH12DM2, WH12DMR, WR12DM2, WR12DMR, UB12D, UB12DL
	EB1214L*	1.4Ah	16.8Wh	20 min.	-	40 min.	
	EB1230H**	3.0Ah	36.0Wh	45 min.	-	70 min.	

* Nickel Battery ** Nickel-Metal Hydride Battery

HITACHI POWER TOOLS

HTC-UC18YRL 7.2 -18V CHARGER



Specifications:

Charging Voltage	7.2 - 18V
Battery:Type	Cassette
Assortment	Lithium-ion, Super Nickel-Metal Hydride, Nickel-Metal Hydride and Nickel-Cadmium
Fan Cooling	Yes

Li-ion BATTERY

* Suitable for Lithium-ion, Super Nickel-Metal Hydride, Nickel-Matel Hydride and Nickel-Cadmium
* Features cooling fan and rapid charging

HTC-UC36YRL 25.2 - 36V CHARGER



Specifications:

Charging Voltage	25.2 - 36V
Battery: Type	Slide
Assortment	Lithium-ion
Fan Cooling	Yes

Li-ion BATTERY

* Suitable for 25.2 - 36V Lithium-ion slide batteries
* Features cooling fan for longer service life and rapid charging

HITACHI POWER TOOLS

HTC-BSL3626 36V - 2.6Ah CASSETTE LITHIUM-ION BATTERIES



* 36V, 2.6Ah capacity Lithium-ion battery
* Side type cooling windows
* Suits charger UC36YRL

Li-ion BATTERY 36v

Eco-Product | With Carrying Case | Variable Speed | Two Speed | Reversible | Electronic Brake | Battery Voltage & Amp Rating

HITACHI
POWER TOOLS

HTC-D6SH 6.5mm - 240W DRILL



* Compact, well balanced design
* Fast drilling speed
* Stopper can be installed on both sides

Specifications:

Chuck Capacity	0.5 - 6.5mm
Capacity: Steel	6.5mm (1/4")
Wood	9mm (3/8")
Power Input	240W
No Load Speed	4,500/min
Overall Length	206mm (8-1/8")
Weight	0.9kg (2.0 lbs)
Standard Accessories	Chuck Wrench, Hook

HTC-D10VC2 10mm - 460W DRILL - VAR/REV



* Compact, just 238mm in length
* Chuck offset only 26mm
* Variable speed dial trigger
* Cylindrical housing
* Lightweight - only 1.3kg
* Power input 460W

Specifications:

Drill Chuck Capacity:	1.0 - 10mm (1/32-3/8")
Capacity: Steel	10mm (3/8")
Wood	25mm (1")
Power Input	460W
No Load Speed	0-2.300/min
Overall Length	238mm (9-3/8")
Weight	1.3kg (2.9 lbs)
Standard Accessories	Chuck Wrench

HTC-D10VF 10mm - 710W DRILL - VAR/REV



* Max torque 16Nm (139in.-lbs)
* Keyless chuck
* Large, variable speed trigger
* Attractive, ergonomic design
* Soft grip handle
* Heavy duty, metal gear housing

Specifications:

Chuck Capacity	0.8 - 10mm (1/32 - 3/8")
Capacity: Chuck	
Steel Twist Bit	10mm (3/8")
Wood Flat Bit	25mm (1")
Hole Saw	29mm (1-1/8")
Power Input	710W
No Load Speed	0-3,000/min
Overall Length	265mm (10-7/16")
Weight	1.8kg (4.0 lbs)
Standard Accessories	Chuck Wrench

HTC-D13 13mm - 720W DRILL - REV



* Convenient reversing switch
* Easy to control, spade shaped handle

Specifications:

Chuck Capacity		1.5 - 13mm (1/16"-1/2")
Capacity:	Steel	13mm (1/2")
	Wood	40mm (1-5/8")
Power Input		720W
No Load Speed		550/min.
Overall Length		378mm (14-7/8")
Weight		3.0kg (6.6 lbs.)
Standard Accessories		Chuck Wrench, Side Handle

Double Insulation | With Carrying Case | Variable Speed | Reversible | Electronic Variable Speed Control | Electronic Soft Start Control | Shock Absorbing Handle

HITACHI
POWER TOOLS

HTC-DV13SS 13mm - 550W IMPACT DRILL

* Power input 550W
* Cylindrical housing for durability
* Offset of chuck: 28mm



Specifications:

Capacity:	Chuck	1.5-13 mm (1/16-1/2") Keyed
	Concrete	13mm (1/2")
	Steel	13 mm (1/2")
	Wood	20mm (3/4")
Power Input		550W
No Load Speed		2,900/min.
Impact Rate		29,000/min.
Overall Length		270mm (10-19/32")
Weight		1.4kg (3.1 lbs.)
Standard Accessories		Chuck Wrench

HTC-DV13VSS 13mm - 550W IMPACT DRILL - VAR/REV - KEYLESS CHUCK

* Variable speed by trigger
* Reversible by lever switch
* Keyed chuck or keyless chuck available by areas
* Other features same as for model DV13SS



Specifications:

Capacity:	Chuck	1.5-13mm (1/16-1/2") Keyless
	Concrete	13mm (1/2")
	Steel	13 mm (1/2")
	Wood	20mm (3/4")
Power Input		550W
No Load Speed		0-2,900/min.
Impact Rate		29,000/min.
Overall Length		270mm (10-19/32")
Weight		1.4kg (3.1 lbs.)
Standard Accessories		-

HTC-DV16SS 13mm - 600W IMPACT DRILL

* Power input 600W
* Cylindrical housing for durability
* Offset of chuck: 28mm



Specifications:

Capacity:	Chuck	1.5-16 mm (1/16-5/8")
	Concrete	16mm (5/8")
	Steel	13mm (1/2")
	Wood	25mm (1 ")
Power Input		600W
No Load Speed		2900/min.
Impact Rate		29000/min.
Overall Length		270mm (10-19/32")
Weight		1.5kg (3.3 lbs.)
Standard Accessories		Chuck Wrench, Side Handle, Depth Guage

Double Insulation | With Carrying Case | Variable Speed | Reversible | Electronic Variable Speed Control | Electronic Soft Start Control | Shock Absorbing Handle

HTC-DV16VSS 13mm - 600W IMPACT DRILL - VAR/REV - KEYLESS CHUCK

* Variable speed by trigger
* Reversible by lever switch
* Keyed chuck or keyless chuck available by areas
* Other features same as for model HTC-DV16SS



Specifications:

Drill Chuck Capacity:		1.5 - 16mm (1/16 - 5/8") Keyless
	Concrete	16mm (5/8")
	Steel	13mm (1/2")
	Wood	25MM (1")
Power Input		600W
No Load Speed		0 - 2,900/min.
Full Load Impact Rate		29,000/min.
Overall Length		270mm (10-19/32")
Weight		1.5kg (3.3 lbs.)
Standard Accessories		Side Handle, Depth Gauge, Carry Case,

HTC-DV18V 13mm - 690W IMPACT DRILL - 2 SPEED VAR/REV

* Fast drilling speed
* Powerful motor input: 690W
* Compact : 333mm in length
* Lightweight: 2.0kg (4.4 lbs.)
* Shortest chuck offset 23.5mm (15/16")
* Soft grip handle
* Two-finger sized trigger switch with speed dial



Specifications:

Drill Chuck Capacity:	1.5 - 13mm (1 /1 6 - 1/2")
Concrete	High: 13mm (1/2") Low: 18mm (11/1 6")
Steel	High: 8mm (5/16") Low: 13mm (1/2")
Power Input	690W
No Load Speed	High: 0-3000/min. Low: 0-1000/min.
Full Load Impact Rate	High: 27300/min. Low: 8400/min.
Overall Length	333mm (13-1/8")
Weight	2.0kg (4.4 lbs.)
Standard Accessories	Side Handle, Depth Gauge, Chuck Wrench, Carry Case

HTC-DV20VB2 13mm - 790W IMPACT DRILL - 2 SPEED VAR/REV

* Power Input: 790W
* Capacity in concrete: 20mm
* Compact : 333mm in length
* Lightweight: 2.2kg
* Slip clutch
* Fast drilling speed
* Shortest chuck offset 23.5mm (15/16")
* Soft grip handle
* Two-finger sized trigger switch with speed dial



Specifications:

Drill Chuck Capacity:		1.5 - 13mm (1/16 - 1/2")
	Concrete	High: 13mm (1/2") Low: 20mm (3/4")
	Steel	High: 8mm (5/16") Low: 13mm(1/2")
Power Input		790W
No Load Speed		High: 0-3000/min. Low: 0-1000/min.
Full Load Impact Rate		High: 26000/min. Low: 8000/min.
Overall Length		333 (13-1/8")
Weight		2.2kg (4.9 lbs.)
Standard Accessories		Side Handle, Depth Gauge, Carry Case, Chuck Wrench

Double Insulation | With Carrying Case | Variable Speed | Reversible | Electronic Variable Speed Control | Keyless Drilling Chuck

HITACHI
POWER TOOLS

HTC-VTP16A | 16mm - 800W | IMPACT DRILL - 2 SPEED



* Powerful motor: 800W
* Chuck capacity:16mm(5/8")
* 2 selectable speeds

Specifications:

Drill Chuck Capacity:	3.2 - 16mm (1/8 - 5/8")
Concrete	High: 16mm (5/8") Low: 35mm (1-3/8")
Steel	High: 10mm (3/8") Low: 16mm (5/8")
Power Input	800W
No Load Speed	High: 1400/min. Low: 700/min.
Full Load Impact Rate	High: 20000/min. Low: 11200/min.
Overall Length	443mm (17-7/1 6")
Weight	3.8kg (8.4 lbs.)
Standard Accessories	Chuck Wrench, Side Handle, Depth Stopper

HTC-DH22PG | 22mm - 620W | ROTARY HAMMER DRILL (SDS-PLUS) 2 MODE VAR/REV



* Most compact and lightweight in its class
* Internal pressure adjustment system
* No load hammering prevention mechanism (clutch cutting system)
* Full load speed 0 - 1,500/min. forward action
* Easy to install bit - single action
* Idle striking prevention mechanism

Specifications:

Capacity: Concrete: Drill Bit	22mm (7/8")
Wood	24mm (15/16")
Mild Steel	13mm (1/2")
Power Input	620W
Bit Shank	SDS-plus
No Load Speed	0 - 1,500/min. for forward
Full Load Impact Rate Overall	0 - 6,200/min.
Length	289mm (11-3/8")
Weight	1.9kg (4.2 lbs.)
Standard Accessories	Side Handle, Depth Gauge, Carry Case

HTC-DH24PB3 | 24mm - 800W | ROTARY HAMMER DRILL (SDS-PLUS) 2 MODE VAR/REV



* 2-mode action: hammer drilling and drilling only
* Improved design (Ball bearings to prevent grease leakage)
* Power input 800W
* Capacity for concrete: 24mm
* New powerful design
* Easy to install bit - single action
* Non-slip double-layer moulded handle and gear cover
* Compact: Length 351mm

Specifications:

Capacity: Concrete: Drill Bit	24mm (15/16")
Core Bit	50mm (2")
Mild Steel	13mm (1/2")
Power Input	800W
Bit Shank	SDS-plus
No Load Speed	0 - 1,050/min.
Full Load Impact Rate Overall	0 - 4,600/min.
Length	351mm (13-13/16")
Weight	2.3kg (5.1 lbs.)
Standard Accessories	Side Handle, Depth Gauge, Carry Case

Double Insulation | With Carrying Case | Variable Speed | Reversible | 2 Speed | Keyless Drilling Chuck

HTC-DH24PC3 24mm - 800W ROTARY HAMMER DRILL (SDS-PLUS) 3 MODE VAR/REV

* 3-mode action: hammer drilling, drilling only and hammering only
* Other features same as for model DH24PB3



Specifications:

Capacity: Concrete: Drill Bit	24mm (15/16")
Core Bit	50mm (2")
Mild Steel	13mm (1/2")
Wood	32mm (1 1/4")
Power Input	800W
Bit Shank	SDS-plus
No Load Speed	0 - 1,150/min.
Full Load Impact Rate Overall	0 - 4,600/min.
Length	351mm (13-13/16")
Weight	2.4kg (5.3 lbs.)
Standard Accessories	Side Handle, Depth Gauge, Carry Case

HTC-DH28PC 28mm - 800W ROTARY HAMMER DRILL (SDS-PLUS) 3 MODE VAR/REV

* For SDS-plus bit shank
* 3-mode action: hammer drilling, drilling only and hammering only
* Overall length 316mm
* Soft grip handle
* Idle hammering prevention system for durability



Specifications:

Capacity: Concrete: Drill Bit	28mm (1-1/8")
Core Bit	80mm (3-5/32")
Mild Steel	13mm (1/2")
Power Input	720W
Bit Shank	SDS-plus
No Load Speed	0 - 1,050/min.
Full Load Impact Rate	0 - 4,000/min.
Overall Length	316mm (12-7/16")
Weight	3.5kg (7.7 lbs.)
Standard Accessories	Side Handle, Depth Stropper, Carry Case

HTC-DH30PC2 30-90mm - 850W ROTARY HAMMER - 3 MODE VARI-SPEED (SDS-PLUS)

* 3-mode action: hammer drilling, drilling only and hammering only
* Class-leading drilling-speed and demolishing performance
* Compact - 355mm and well balanced
* Soft grip handle
* Variable lock mechanism



Specifications:

Capacity: Concrete: Drill Bit	30mm (1-3/16")
Core Bit	90mm (3-17/32")
Mild Steel	13mm (1/2")
Power Input	850W
Bit Shank	SDS-plus
No Load Speed	0 - 850/min.
Full Load Impact Rate Overall	0 - 3,700/min.
Length	355mm (14")
Weight	4.3kg (9.5 lbs.)
Standard Accessories	Side Handle, Depth Stopper, Dust Cup, Syringe, Carry Case

Eco-Product | Double Insulation | With Carrying Case | Variable Speed | Reversible | 2 Speed | Keyless Drilling Chuck

HTC-DH38MS 38-105mm - 950W ROTARY HAMMER - 2 MODE ACTION VARI-SPEED (SDS MAX)

* For SDS-Max bit shank
* 2-mode action: hammer drilling and hammering only
* Variable-lock mechanism for 12-angle tool positions
* Functional & robust design



Specifications:

Capacity: Concrete:	Drill Bit	38mm (1-1/2")
	Core Bit	105mm (4-1/8")
Power Input		950W
Bit Shank		SDS-Max
No Load Speed		620min.
Full Load Impact Rate Overall		2,800min.
Length		433mm (17-1/16")
Weight		6.4kg (14.1 lbs.)
Standard Accessories		Side Handle,Carry Case

HTC-DH40MR 40-105mm - 950W ROTARY HAMMER - 2 MODE ACTION VARI-SPEED (SDS-MAX)

* SDS Max shank with variable lock mechanism for 12-angle chisel positions
* Constant speed control with variable speed
* 2-mode action: hammer drilling and hammering only
* A winner of the IF Design Award, 2004



Specifications:

Capacity: Concrete:	Drill Bit	40mm (1-9/16")
	Core Bit	105mm (4-1/8")
Power Input		950W
Bit Shank		SDS-Max
No Load Speed		240 - 480/min.
Full Load Impact Rate Overall		1,320 - 2,650/min.
Length		435mm (17-1/8")
Weight		6.5kg (14.3 lbs.)
Standard Accessories		Side Handle, Depth Stopper, Grease Pack, Wrenches, Carry Case

HTC-DH45MR 25,0J - 1200W ROTARY HAMMER - 2 MODE ACTION VARI-SPEED (SDS-MAX)

* 2 mode action: Hammer drilling and hammering only
* Fast Drilling
* Constant speed control with variable speed
* Internal double insulation in a sturdy aluminium frame
* Soft grip handle plus side handle
* SDS Max shank and variable lock mechanism for 12 different chisel angle positions



Specifications:

Capacity: Concrete Drill Bit	45mm (1-3/4")
Core Bit	125mm (4-29/32")
Power Input	1,200W
Bit Shank	SDS-Max
No Load Speed	120 - 140/min.
Full Load Impact Rate	1,200 - 2,500/min.
Overall Length	500mm (19-11/16")
Weight	8.0kg (17.6lbs)
Standard Accessories	Side Handle, Depth Stopper, Grease Pack, Wrenches, Carry Case

Eco-Product | Double Insulation | With Carrying Case | Variable Speed | Reversible | 2 Speed | Keyless Drilling Chuck

HITACHI
POWER TOOLS

HTC-H45MR 12,5J - 950W CHIPPER (SDS MAX)

* For SDS max bit
* Easy to change tool by means of a single-step holder
* Variable lock mechanism to adjust the tool at 12-step angles
* Reliable mechanism prevents idle hammering for longer service life
* Sturdy aluminium body with double insulated inner
* Less recoil (feels like self chiseling)
* Higher demolishing performance and lower vibration and noise



Specifications:

Power Input	950W
Full Load Impact Rate	3,000/min.
Bit Shank	SDS max
Overall Length	454mm (17-7/8"")
Weight	5.9kg (13.0 lbs.)
Standard Accessories	Side Handle, Carry Case, Bull Point & Wrenches

HTC-H60MC 22J - 1350W DEMOLITION HAMMER (SDS MAX)

* For SDS max bit shank
* Power input 1,250W
* Easy to change tool by means of a single-step holder
* Variable lock mechanism to adjust tool at 12-step angle
* Functional and robust design



Specifications:

Power Input	1,250W
Full Load Impact Rate	1,600/min.
Bit Shank	SDS Max
Overall Length	570mm (22-7/16")
Weight	10.2kg (22.5lbs)
Standard Accessories	Carry Case, Side Handle

HTC-H60MR 26J - 1350W DEMOLITION HAMMER (SDS MAX)

* Durable aluminum housing
* Soft grip, shock-absorbing handle
* Injection-moulded carrying case
* Easy to change tool by means of a single-step holder
* Variable lock mechanism to adjust tool at 12-step angles
* Unique design



Specifications:

Power Input	1,350W
Full Load Impact Rate	1,650/min.
Bit Shank	SDS Max
Overall Length	576mm (22-43/64")
Weight	10.5kg (23.1lbs)
Standard Accessories	Carry Case, Side Handle, Wrench, Bull Point

Eco-Product | Double Insulation | With Carrying Case | Variable Speed | Electronic Constant Speed Control | Shock Absorbing Handle

HITACHI
POWER TOOLS

HTC-H65SC 39,5J - 1240W DEMOLITION HAMMER - OIL BATH LUBRICATION 30MM HEX

* Strong demolition power
* Double insulation and sturdy aluminum frame
* Auto-stop carbon brush



Specifications:

Power Input	1,240W
Full Load Impact Rate	1,400/min.
Bit Shank	30mm Hex. (1-3/16")
Overall Length	647mm (25-13/32")
Weight	15.0kg (33.0lbs)
Standard Accessories	Carry Case, Bull Point, Side Handle, Wrenches, Oil Feeder

HTC-H65SB2 42,0J - 1340W DEMOLITION HAMMER - 30MM HEX

* For 30mm hex type
* Strongest demolition performance in this class
* Internal double-insulated construction with sturdy aluminum frame
* Soft grip and shock-abosorbing handle
* Soft grip side handle
* A winner of the IF Design Award, 2006



Specifications:

Power Input	1340W
Full Load Impact Rate	1400/min.
Bit Shank	30mm Hex. (1-3/1 6")
Overall Length	726mm (28-19/32")
Weight	16.5kg (36.4 lbs.)
Standard Accessories	Carry Case, Bull Point, Side Handle, Wrenches

HTC-H70SA 42,0J - 1240W DEMOLITION HAMMER - 30MM HEX

* Most compact machine with T-handle to demolish downward
* Reduced noise and vibration
* Shock-absorbing handle
* Dust proof double air vent construction
* Internal double insulation



Specifications:

Power Input	1240W
Full Load Impact Rate	1400/min.
Bit Shank	30mm Hex. (1-3-16")
Overall Length	625mm (24-5/8")
Weight	18.0kg (39.7 lbs.)
Standard Accessories	Bull Point, Wrenches

Eco-Product | Double Insulation | With Case | Shock Absorbing Handle

HITACHI
POWER TOOLS

HTC-G12SS 115mm - 580W ANGLE GRINDER

* Wheel dia 115mm
* Motor input 580W with max. output of 630W
* Excellent overload durability
* Compact length: 254mm and lightweight: 1.4kg
* Grinding wheel not supplied



Specifications:

Capacity: Wheel Dia	115mm (4-1/2")
Hole Dia	22mm (7/8")
Spindle Thread	M14 x 2
Power Input	580W
No Load Speed	11,000/min
Overall Length	254mm (10")
Weight	1.4kg (3.1 lbs.)
Standard Accessories	Wrench, Side Handle

HTC-G12SR3 115mm - 730W ANGLE GRINDER

* Wheel dia 115mm
* Renewed larger cooling fan
* Powerful motor: input 730W and max. output 950W
* Most durable grinder in its class
* Compact: length 254mm
* Lightweight: 1.4kg
* Slide switch on side of the tool body



Specifications:

Capacity: Wheel Dia	115mm (4-1/2")
Hole Dia	22mm (7/8")
Spindle Thread	M14 x 2
Power Input	730W
No Load Speed	10000/min
Overall Length	254mm (10")
Weight	1.4kg (3.1 lbs.)
Standard Accessories	Side Handle, Wrench

HTC-G12S2 115mm - 800W ANGLE GRINDER

* Wheel dia 115mm
* Input 800W
* Newly designed housing with powerful motor
* Improved dust sealing bearings
* Includes 2 position side handle



Specifications:

Capacity: Wheel Dia	115mm (4-1/2")
Hole Dia	22.23mm (7/8")
Spindle Thread	M14 x 2
Power Input	800W
No Load Speed	11,000/min
Overall Length	250mm (9-7/8")
Weight	1.6kg (3.5 lbs.)
Standard Accessories	Side Handle, Depressed Centre Wheel, Wrench

Eco-Product Double Insulation Spindle Lock

HITACHI
POWER TOOLS

HTC-G12SE2 115mm - 1200W ANGLE GRINDER

* Powerful motor: Input 1200W and max power output 1900W
* Motor more durable for overload and wear resistance
* Convenient tool less wheel guard
* Easy-to-use paddle switch



Specifications:

Capacity: Wheel Dia	115mm (4-1/2")
Hole Dia	22.23mm (7/8")
Spindle Thread	M14 x 2
Power Input	1,200W
No Load Speed	11,000/min
Overall Length	321mm (12-5/8")
Weight	1.9kg (4.2 lbs.)
Standard Accessories	Side Handle, Depressed Centre Wheel, Wrench

HTC-G13SS 125mm - 580W ANGLE GRINDER

* Wheel diameter 125mm
* Motor input 580W
* Max. output 630W
* Excellent overload durability
* Compact - length 254mm
* Lightweight - 1.4kg



Specifications:

Capacity: Wheel Dia	125mm (5")
Hole Dia	22.23mm (7/8")
Spindle Thread	M14 x 2
Power Input	580W
No Load Speed	10,000/min
Overall Length	254mm (10")
Weight	1.4kg (3.1 lbs.)
Standard Accessories	Side Handle, Wrench

HTC-G13SR3 125mm - 730W ANGLE GRINDER

* Wheel diameter 125mm
* Renewed larger cooling fan
* Powerful motor - Input 730W and max. output 950W
* Most durable overload in its class
* Compact - length 254mm
* Lightweight - 1.4kg
* Slide switch on side of tool body



Specifications:

Capacity: Wheel Dia	125mm (5")
Hole Dia	22.23mm (7/8")
Spindle Thread	M14 x 2
Power Input	730W
No Load Speed	10,000/min
Overall Length	254mm (10")
Weight	1.4kg (3.1 lbs.)
Standard Accessories	Side Handle, Wrench

Eco-Product Double Insulation Spindle Lock

HITACHI
POWER TOOLS

HTC-G15SA2 150mm - 1200W ANGLE GRINDER

* Wheel dia 150mm
* Input 1200W
* 3 position side handle
* New dust seal design



Specifications:

Capacity:	Wheel Dia	150mm(6")
	Hole Dia	22.23mm (7/8")
Spindle Thread		M14 x 2
Power Input		1200W
No Load Speed		8,500/min
Overall Length		391mm (15-12/32")
Weight		2.8kg (5.9 lbs.)
Standard Accessories		Side Handle, Depressed Centre Wheel, Wrench

HTC-G18SG2 180mm - 2500W ANGLE GRINDER

* Power Input 2500W max. output 3500W
* Vibration-absorbing side handle
* Tough motor for overload durability
* Wear resistant motor
* Dust proof construction
* Renewed design & switch



Specifications:

Capacity:	Wheel Dia	180mm (7")
	Hole Dia	22.23mm (7/8")
Spindle Thread		M14 x 2
Power Input		2500W
No Load Speed		8500/min
Overall Length		478mm (8-13/16")
Weight		5.0kg (11.0 lbs.)
Standard Accessories		Side Handle, Wrench

HTC-G23SR 230mm - 2000W ANGLE GRINDER

* Excellent overload durability
* Power Input 2000W
* Max power output 3300W with overload durability
* Durable metalic holder of ball bearings
* Externally accessible carbon brushes for easy replacement



Specifications:

Capacity:	Wheel Dia	230mm (9")
	Hole Dia	22.23mm (7/8")
Spindle Thread		M14 x 2
Power Input		2000W
No Load Speed		6600/min
Overall Length		463mm (18-7/32")
Weight		4.3kg (9.5 lbs.)
Standard Accessories		Side Handle, Wrench

Eco-Product Double Insulation Spindle Lock

HITACHI
POWER TOOLS

HTC-G23SS 230mm - 2000W ANGLE GRINDER

* Wheel dia 230mm
* Power input 2200W + max. power output 3100W with overload durability



Specifications:

Capacity: Wheel Dia	230mm(9")
Hole Dia	22.23mm (7/8")
Spindle Thread	M14 x 2
Power Input	2,300W
No Load Speed	6,600/min
Overall Length	463mm (18-7/32")
Weight	4.3kg (9.5 lbs.)
Standard Accessories	Side Handle, Wrench

HTC-G23MR 230mm - 2500W ANGLE GRINDER

* Wheel diameter 230mm
* Double insulated aluminium housing - first in its class
* Powerful motor: power input 2400W max. power output 4600W for overload durability
* Tool-less wheel guard
* Vibration absorbing side handle
* Soft, non-slip handle for increased comfort



Specifications:

Capacity: Wheel Dia	230mm (9")
Hole Dia	22.23mm (7/8")
Spindle Thread	M14 x 2
Power Input	2400W
No Load Speed	6600/min
Overall Length	492mm (19-3/8")
Weight	5.4kg (11.9 lbs.)
Standard Accessories	Side Handle, Wrench

HTC-SAT180 180mm - 750W SANDER/POLISHER - 2 SPEED

* 2 Applications: Sanding and polishing
* 2-Speed: High and low



Specifications:

Capacity: Sanding Disc	180mm (7")
Wool Bonnet	180mm (7")
Spindle Thread	M14 x 2 or U5/8-11
Power Input	750W
No Load Speed	Lo: 1,900/min. Hi: 3,400/min
Overall Length	395mm (15-9/16")
Weight	2.9kg (6.4 lbs.)
Standard Accessories	Side Handle, Rubber Pad, Wool Bonnet, Types of Sanding Discs, Wrenches

Eco-Product | Double Insulation | Spindle Lock

HITACHI
POWER TOOLS

HTC-GP2S2 | 25mm - 520W | DIE GRINDER

* Power input 520W
* All ball bearing construction
* Easy-to-grip housing
* Internal carbon brush

Specifications:

Capacity: Collet Chuck	6mm (or 1/4")
Max. Wheel Dia	25mm (31/32")
Power Input	520W
No Load Speed	29,000/min
Overall Length	359.4mm (14-5/32")
Weight	1.7kg (4.0 lbs.)
Standard Accessories	Wrenches



Photo shown with an optional mounted wheel

HTC-GP3V | 25mm - 760W | DIE GRINDER (VAR)

* Max wheel dia: 25mm (1")
* Power input 760W
* Variable speed by dial: 7,000 - 29,000/min.
* Electronic control: Soft start and constant speed
* Easy-to-grip housing

Specifications:

Capacity: Collet Chuck	6mm (or 1/4")
Max. Wheel Dia	25mm (1")
Power Input	760W
No Load Speed	7,000-29,000/min
Overall Length	406mm (16")
Weight	1.8kg (4.0 lbs.)
Standard Accessories	Side Handle, Collet Chuck, Wrenches



HTC-GP5V | 25mm - 760W | DIE GRINDER (VAR)

* Max wheel dia: 50mm (2")
* Power input 760W
* Variable speed by dial: 2,000 - 8,300/min.
* Electronic control: Soft start and constant speed
* Easy-to-grip housing

Specifications:

Capacity: Collet Chuck	6mm (or 1/4")
Max. Wheel Dia	50mm (2")
Power Input	760W
No Load Speed	2,000-8,300/min
Overall Length	406mm (16")
Weight	1.9kg (4.2 lbs.)
Standard Accessories	Side Handle, Collet Chuck, Wrenches



HTC-GP13 | 125mm - 570W | STRAIGHT GRINDER

* For 125mm (5")grinding wheel
* Power input 570W
* Wheel 125x19x12.7mm
* A36P grit

Specifications:

Capacity: External Dia	125mm (5")
Thickness	19mm (3/4")
Hole Dia	12.7mm (1/2")
Spindle Thread	M12 x 1.75
Power Input	570W
No Load Speed	4,800/min
Overall Length	598mm (23-1/2")
Weight	5.5kg (12.1 lbs.)
Standard Accessories	Grinding Wheel, Wrench



Double Insulation

HITACHI
POWER TOOLS

HTC-CE16SA 1,6mm - 400W SHEAR

* Smaller grip
* Lightweight
* Scrap guide protects operator's hand from cut-off strips
* Easily replaceable blades have 8 cutting edges each



Specifications:

Capacity:	Steel	1.6mm (16 gauge)
	Stainless	1.2mm (18 gauge.)
Min. Cutting Radius		25mm (1")
Power Input		400W
No Load Speed		4700/min.
Overall Length		250mm (9-7/8")
Weight		1.7kg (3.7lbs.)
Standard Accessories		Blade Set, Thickness Gauge, Hex. Bar Wrench

HTC-CN16SA 1,6mm - 400W NIBBLER

* Smaller grip
* Compact and lightweight
* 3 positive stop die holder permits straight, right and left cutting
* Downward cutting permits cutting of trapezoidal metal plate



Specifications:

Capacity:	Steel	1.6mm (16 gauge)
	Stainless	1.2mm (18 gauge)
	Cutting Width	5mm (3/16")
Min. Cutting Radius		40mm (1-9/16")
Power Input		400W
No Load Speed		2300/min.
Overall Length		250mm (9-7/8")
Weight		1.6kg (3.5lbs.)
Standard Accessories		2 x Hex. Bar Wrenches

HTC-C6SS 165mmØ - 1050W CIRCULAR SAW

* Rigid aluminium base for fine cut
* Side handle easy to grip
* Backward dust emission



Specifications:

Capacity: Blade Dia.		165mm (6-1/2")
Max Cut Depth:	90°	57mm (2-1/4")
	45°	38mm (1-1/2")
Power Input		1050W
No Load Speed		5,500/min.
Overall Length		276mm (10-7/8")
Weight		4.0kg (8.8 lbs.)
Standard Accessories		Blade, Guide, Adapter for Dust Collector Bolt, Wrench

HTC-C7SS 190mmØ - 1050W CIRCULAR SAW - ELECTRIC BRAKE

* For 190mm (7-1/2") Blade



Specifications:

Capacity: Blade Dia.		190mm (7-1/2")
Max Cut Depth:	90°	68mm (2-11/16")
	45°	46mm (1-/8")
Power Input		1050W
No Load Speed		5,500/min.
Overall Length		291mm (11-15/32")
Weight		3.4kg (7.5 lbs.)
Standard Accessories		Blade, Guide, Wrench

Eco-Product | Double Insulation | Spindle Lock | Electronic Brake | Dust Extracting Type

HTC-C7ST 185mmØ - 1710W CIRCULAR SAW - ELECTRIC BRAKE

* For 185mm (7-1/4") Blade
* Power input 1,710W
* Lightweight in comparison with 1,700W class Hitachi circular saws
* Enhanced max cut depth
* Blower over base



Specifications:

Capacity: Blade Dia.		185mm (7-1/4")
Max Cut Depth:	90°	62mm (2-7/16")
	45°	47.5mm (1-7/8")
Bevel Capacity		0-45°
Power Input		1710W
No Load Speed		6,000/min.
Overall Length		310mm (12-13/64")
Weight		4.3kg (9.4 lbs.)
Standard Accessories		Blade, Guide, Wrench , Carry Case

HTC-C7U2 190mmØ - 1200W CIRCULAR SAW

* For 190mm (7-1/2") Blade
* Compact and lightweight: 4.0kg
* Low noise and vibration
* Comfortable, soft grip handle
* Base and lower guard manufactured from heavy duty die cast aluminium for precise cutting
* Large depth adjuster knob for ease of use



Specifications:

Capacity: Blade Dia.		190mm (7-1/2")
Max Cut Depth:	90°	66mm (2-19/32")
	45°	48mm (1-7/8")
Power Input		1200W
No Load Speed		5500/min.
Overall Length		312mm (12-9/32")
Weight		4.0kg (8.8 lbs.)
Standard Accessories		Blade, Guide, Adapter for Dust Collector Bolt, Wrench

HTC-C9U2 235mmØ - 2000W CIRCULAR SAW

* Compact and lightweight: 6.8kg
* Gear Cover manufactured from die-cast magnesium alloy
* Low noise and vibration
* Comfortable soft grip handle
* Base and lower guard manufactured from heavy duty die cast aluminium for precise cutting
* Large depth adjuster knob for ease of use
* Includes cutting guide



Specifications:

Capacity: Blade Dia.		235mm (9-1/4")
Max Cut Depth:	90°	86mm (3-3/8")
	45°	65mm (2-9/1 6")
Power Input		2000W
No Load Speed		5000/min.
Overall Length		397mm (15-5/8")
Weight		6.8kg (15.0 lbs.)
Standard Accessories		Blade, Guide, Bolt, Wrench Adapter for Dust Collector

HTC-C9BU2 235mmØ - 2000W CIRCULAR SAW - ELECTRIC BRAKE

* Convenient electric brake
* PTFE coating base for smooth sliding on workpiece
* Magnesium gear cover
* Soft grip cover
* Rigid aluminium base for fine cut
* Large knob easy to adjust cut depth
* Guide included



Specifications:

Capacity: Blade Dia		235mm (9-1/4")
Max Cut Depth:	90°	86mm (3-3/8")
	45°	65mm (2-9/1 6")
Power Input		2000W
No Load Speed		5000/min.
Overall Length		397mm (15-5/8")
Weight		6.8kg (15.0 lbs.)
Standard Accessories		Blade, Guide, Bolt, Wrench Adapter for Dust Collector

Eco-Product | Double Insulation | Spindle Lock | Electronic Brake | Dust Extracting Type

HITACHI
POWER TOOLS

HTC-FCJ65S3 65mm - 400W JIG SAW

* Large soft grip for comfortable operation
* Motor with two ball-bearings for longer life and efficient power transmission
* Compact and lightweight: 1.5kg
* Dust blowing for clear view over cut line
* Connects directly to a dust collector without adapter



Specifications:

Capacity: Wood	65mm (2-5/8")
Mild Steel Plate	6mm (1/4")
Min. Cutting	25mm (1")
Base Tilt Angle Radius	45' Right/Left
Power Input	400W
Length of Stroke	18 mm (45/64")
No-Load Speed (stroke)	3,000/min.
Overall Length	197mm (7-3/4")
Weight	1.5kg (4.2 lbs.)
Standard Accessories	Blade, Splinter Guard, Chip Cover, Wrench

HTC-FCJ65V3 65mm - 400W (VAR) JIG SAW (VAR)

* Large soft grip for comfortable operation
* Motor with two ball-bearings for longer life and efficient power transmission
* Compact and lightweight: 1.5kg
* Dust blowing for clear view over cut line
* Connects directly to a dust collector without adapter
* Variable speed by means of dial and trigger



Specifications:

Capacity: Wood	65mm (2-5/8")
Mild Steel Plate	6mm (1/4")
Min. Cutting Radius	25mm (1")
Base Tilt Angle	45° Right/Left
Power Input	400W
Length of Stroke	18 mm (45/64")
No-Load Speed (stroke)	0 - 3000/min.
Overall Length	197mm (7-3/4")
Weight	1.5kg (4.2 lbs.)
Standard Accessories	Blade, Splinter Guard, Chip Cover Wrench

HTC-CJ110MV 110mm - 720W JIG SAW (VAR)

* Variable speed by means of dial and trigger
* Tool less blade change
* New orbital locus and balanced design for low vibration and smooth cutting
* Powerful input: 720W motor
* 3 mode orbital action
* LED light
* Soft grip handle
* Lightweight: 2.2kg
* Dust blowing for clear view over cut line



Specifications:

Capacity: Wood	110mm (4-5/16")
Mild Steel Plate	10mm (3/8")
Min. Cutting Radius	25mm (1")
Base Tilt Angle	45° Right/Left
Power Input	720W
Length of Stroke	26 mm (1")
No-Load Speed (stroke)	850 - 3000/min.
Overall Length	246mm (9-41/64")
Weight	2.2kg (4.9 lbs.)
Standard Accessories	Blade, Splinter Guard, Chip Cover, Dust Collection Adapter, Carrying Case

Eco-Product | Double Insulation | With Carrying Case | Variable Speed | Orbital Cutting Action | Dust Extracting Type

HITACHI
POWER TOOLS

HTC-CJ110MVA | 110mm - 720W | JIG SAW (VAR)

* Variable speed by means of dial and trigger
* Tool less blade change
* New orbital locus and balanced design for low vibration and smooth cutting
* Powerful input: 720W motor
* 3 mode orbital action
* LED light
* Soft grip handle
* Lightweight: 2.2kg
* Dust blowing for clear view over cut line
* Barrel Grip



Specifications:

Capacity: Wood	110 mm (4-5/1 6")
Mild Steel Plate	10mm (3/8")
Min. Cutting Rad.	25mm (1")
Base Tilt Angle	45° Right/Left
Power Input	720W
Length of Stroke	26mm (1")
No-Load Speed(stroke)	850 – 3000/min.
Overall Length	264 (10-25/64")
Weight	2.2kg (4.9 lbs.)
Standard Accessories	Blade, Splinter Guard, Chip Cover, Dust Collection Adapter, Carrying Case

HTC-CR13VBY | 130mm - 1150W | RECIPROCATING SAW 2-MODE ACTION VAR

* Uses Vibration Protection
* 150mm curved blade
* 2 mode cutting action : straight & swing cutting on both normal & upside down blade positions
* Toolless adjustable shoe by shoe button
* Dust & water-resistant triple-seating construction



Specifications:

Capacity: Pipe	130 mm (5")
Steel Plate	19mm (3/4")
Wood	300mm (11-13/16")
Power Input	1,150W
Length of Stroke	32mm (1-1/4")
No-Load Speed(stroke)	0 – 3000/min.
Overall Length	465 (18-5/16")
Weight	4.4kg (9.7 lbs.)
Standard Accessories	Blade, Carrying Case

HTC-M8SA2 | 8mm - 900W | ROUTER

* Powerful motor: input 900W
* Soft grip handle with ergonomic design
* Improved clutch for collet chuck
* Fine adjustment knob (optional)



Specifications:

Capacity: Collet Chuck	8mm (or 1/4")
Stroke	60mm (2-3/8")
Power Input	900W
No Load Speed	25000m/min.
Weight	3.2kg (7.1 lbs.)
Standard Accessories	Straight Guide, Template Guide, Wrench

Double Insulation | Spindle Lock | Electronic Constant Speed Control | Variable Speed | Electronic Soft Start Control | With Carrying Case

HITACHI
POWER TOOLS

HTC-M12V2 12mm - 2000W ROUTER - ELECTRONIC CONTROL



* Powerful motor: input 2000W
* Electronic Control: Soft start and constant speed
* Variable speed dial on handle grip for better usability
* Better routing operability when used with an optional bench stand
* Soft grip handle with ergonomic design
* Improved clutch for collet chuck
* Dust guide
* Includes 2 collet chucks - 12mm & 8mm

Specifications:

Capacity: Collet Chuck	12mm (or 1/2")
Stroke	65mm (2-9/16")
Power Input	2000W
No Load Speed	8000-22000/min
Weight	3.4kg (7.5 lbs.)
Standard Accessories	2 Collect Chucks, Centering Gauge, Straight Guide, Template Gauge, Template Guide Adapter, Dust Guide, Dust Guide Adapter, Wrench

HTC-M12SE 12mm - 2000W ROUTER



* Power input 1,700W
* 3-angle adjustable handle
* Ease to adjust routing depth

Specifications:

Capacity: Collet Chuck	12mm (or 1/2")
Stroke	65mm (2-9/16")
Power Input	1,700W
No Load Speed	22,000m/min.
Weight	5.3kg (11.7 lbs.)
Standard Accessories	Parallel Straight Guide, Template Guide, Wrench

HTC-M12VE 12mm - 2000W ROUTER - ELECTRONIC CONTROL



* Power input 2000W
* Electronic Control: Soft start and constant speed
* 3-angle adjustable handle
* Ease to adjust routing depth

Specifications:

Capacity: Collet Chuck	12mm (or 1/2")
Stroke	65mm (2-9/16")
Power Input	2000W
No Load Speed	8,000-22,000m/min.
Weight	5.3kg (11.7 lbs.)
Standard Accessories	Straight Guide, Template Guide, Wrench

Double Insulation | Spindle Lock | Electronic Constant Speed Control | Variable Speed | Electronic Soft Start Control | With Carrying Case

HITACHI
POWER TOOLS

HTC-P20SB 82mm - 570W PLANER - 1mm D.O.C

* Compact and lightweight
* High rotation speed: 15000/min.



Specifications:

Capacity: Cutting Width	82mm (3-1/4")
Max. Cut Depth	1mm (1/32")
Power Input	570W
No Load Speed	15000/min.
Overall Length	296mm (11-21/32")
Weight	2.5kg (5.5 lbs.)
Standard Accessories	Blades, Blade Setting Gauge, Guide, Wrench

HTC-P20SA2 82mm - 720W PLANER - 3mm D.O.C.

* Easy-to-use depth adjustment
* Powerful motor for efficient cutting
* Center V-groove on base sole
* Aluminum alloy base for scratch-free work
* Fast and east blade replacement



Specifications:

Capacity: Cutting Width	82mm (3-1/4")
Max. Cut Depth	3mm (1/8")
Power Input	720W
No Load Speed	14000/min.
Overall Length	309mm (11-5/32")
Weight	3.0kg (6.6 lbs.)
Standard Accessories	Blades, Blade Setting Gauge, Guide, Wrench

HTC-F30A 92mm - 900W PLANER - 3mm D.O.C.

* Powerful motor: 900W
* All ball bearing construction



Specifications:

Capacity: Cutting Width	92mm (3-5/8")
Max.Cut Depth	3mm (1/8")
Power Input	900W
No Load Speed	12000/min.
Overall Length	410mm (16-5/32")
Weight	4.0kg (8.8 lbs.)
Standard Accessories	Blades, Blade Setting Gauge, Guide, Wrench, Carry Case

Double Insulation

With Carry Case

HTC-SV12SG 110mm - 200W ORBITAL SANDER

* All new design
* Large soft grip fits in the palm of the hand for comfortable operation
* High power and class top sanding
* Class-top dust collecting performance



Specifications:

Capacity:	Pad Size	110 x 100mm (4-1/2 x 4")
Power Input		200W
Orbit Diameter		1.5mm (1/16")
No Load Speed:	Spindle	14000/min.
	Orbit	28000/min.
Overall Length		137mm (5-3/8")
Weight		1.1kg (2.4lbs)
Standard Accessories		Sanding Paper, Dust Bag

HTC-FSV10SA 92mm - 180W ORBITAL SANDER

* Compact and lightweight
* Low height and stable design
* Low noise
* Comfortable soft grip and larger trigger
* New sand paper holder
* Dust bag



Specifications:

Capacity:	Pad Size	92 x 184mm (3-5/8 x 7-1/4")
	Orbit Diameter	2mm (3/32")
Power Input		180W
No Load Speed:	Spindle	10000/min.
	Orbit	20000/min.
Overall Length		184mm (7-1/4")
Weight		1.3kg (2.9lbs)
Standard Accessories		Sanding Paper Dust Bag, Punch Plate

HTC-SV12SD 114mm - 300W ORBITAL SANDER

* Excellent dust collection efficiency enabled by "Through the Base" dust extracting system
* Flush sanding on 3 sides
* Direct drive system for minimum vibration and smooth finishing
* Lever-action, quick paper clamp system
* All bearing construction



Specifications:

Capacity: Pad Size	114 x 228mm (4-1/2 x 9")
Power Input	300W
Orbital Dia	2.4mm (0.09")
No Load Speed: Spindle	10000/min
Orbit	20000/min
Overall Length	300mm (11-13/16")
Weight	2.8kg (6.2 lbs.)
Standard Accessories	Sand Paper, Dust Bag

Double Insulation | With Carry Case | Random Orbit Action | Dust Extracting Type

HTC-SV12SH 110mm - 200W ORBITAL SANDER

* Powerful 200W input motor
* Large soft grip handle
* Delta-shaped sanding pad for corner work
* Innovative design
* Class-top dust collecting performance



Specifications:

Capacity:	Pad Size	110 x 190mm (4-3/8 x 7-1/2")
	Triangle	96 x 96 x 96mm (3-3/4 x 3-3/4 x 3-3/4")
Power Input		200W
Orbit Diameter		1.5mm (1/16")
No Load Speed:	Spindle	14000/min.
	Orbit	28000/min.
Overall Length		133mm (5-1/4")
Weight		1.0kg (2.2lbs)
Standard Accessories		Sanding Paper, Dust Bag

HTC-SV13YA 125mm - 230W RANDOM ORBITAL SANDER - (VAR)

* Variable speed and stable speed control
* Random orbit sanding action
* Large, soft grip handle for comfort
* High performance sanding and dust collection



Specifications:

Capacity: Standing Pad	125mm (5")
Power Input	230W
Orbit Dia	3.2mm (1/8")
No Load Speed	7000 - 12000/min
Overall Height	145mm (5-11/16")
Weight	1.4kg (3.1 lbs.)
Standard Accessories	Sanding Paper, Dust Bag

HTC-SB8V2 76mm - 1020W BELT SANDER - (VAR)

* Sanding position visible through transparent cover
* Powerful motor input: 1020W
* Width 171mm
* Variable speed by dial, and large, 2-finger trigger switch
* Soft grip on handle and sub handle
* Dust bag on the left for sanding at corner



Specifications:

Capacity: Belt Size	76 x 533mm (3 x 21")
Power Input	1020W
No Load Belt Speed	250 - 450m/min (820-1,475ft./min.)
Overall Length	318mm (12-33/64")
Weight	4.3kg (9.7 lbs.)
Standard Accessories	Sanding Belt, Dust Bag

HTC-SB10S2 100mm - 1020W BELT SANDER - 1 SPEED

* Sanding position is visible through transparent cover
* Soft grip on handle and sub handle
* Single speed
* 2 finger large trigger switch
* Width 189mm
* Belt size: 100 x 610mm
* Dust bag on the left allows for easy corner sanding



Specifications:

Capacity: Belt Size	100 x 610mm (4 x 24")
Power Input	1,020W
No Load Belt Speed:	420m/min. (1380ft./min.)
Overall Length	363mm (14-19/64")
Weight	5.2kg (11.5 lbs.)
Standard Accessories	Sanding Belt, Dust Bag

Eco-Product | With Carry Case | Double Insulation | 2 Speed | Dust Extracting Type | Variable Speed | Random Orbital Action

HTC-W6VM | 6mm - 620W | SCREWDRIVER - DRY WALL - VAR/REV

* Ideal for self drilling TEK screws
* Powerful motor: power input 620W
* Detachable nose piece for ease of bit replacement
* Comfortable, soft grip handle
* Aluminium gear cover for durability
* Soft protector around gear cover to prevent damage to workpiece and prevent heat conduction to hands
* Large 2 finger sized trigger switch



Specifications:

Cap: Drywall Screw	6mm (1/4")
Self-Drilling Screw	6mm (1/4")
Bit Shank	6.35mm (1/4") Hex
Power Input	620W
No Load Speed	0 - 6000/min.
Overall Length	294mm (11-19/32")
Weight	1.4kg (3.1 lbs.)
Standard Accessories	Driver Bit, Magnetic Bit Holder, Sub Stopper

HTC-W6VA4 | 6mm - 620W | SCREWDRIVER - DRY WALL - VAR/REV

* Ideal for self drilling TEK screws
* Powerful motor: power input 620W
* Detachable nose piece for ease of bit replacement
* Comfortable, soft grip handle
* Aluminium gear cover for durability
* Soft protector around gear cover to prevent damage to workpiece and prevent heat conduction to hands
* Large 2 finger sized trigger switch



Specifications:

Cap: Drywall Screw	6mm (1/4")
Self-Drilling Screw	6mm (1/4")
Bit Shank	6.35mm (1/4") Hex
Power Input	620W
No Load Speed	0 - 3000/min.
Overall Length	294mm (11-19/32")
Weight	1.4kg (3.1 lbs.)
Standard Accessories	Driver Bit, Magnetic Bit Holder, Sub Stopper

HTC-W6V4 | 6mm - 620W | SCREWDRIVER - DRY WALL - VAR/REV

* Ideal for self drilling TEK screws
* Powerful motor: power input 620W
* Detachable nose piece for ease of bit replacement
* Comfortable, soft grip handle
* Aluminium gear cover for durability
* Soft protector around gear cover to prevent damage to workpiece and prevent heat conduction to hands
* Large 2 finger sized trigger switch



Specifications:

Cap: Drywall Screw	6mm (1/4")
Self-Drilling Screw	6mm (1/4")
Bit Shank	6.35mm (1/4") Hex
Power Input	620W
No Load Speed	0 - 4500/min.
Overall Length	294mm (11-19/32")
Weight	1.4kg (3.1 lbs.)
Standard Accessories	Driver Bit, Magnetic Bit Holder, Sub Stopper

Eco-Product | Double Insulation | Variable Speed | Reversible

HTC-WR16SA 1/2" Sq. Dr. - 480W IMPACT WRENCH

* For 1/2" (12.7mm) square drive
* Most powerful and highest torque: 360Nm in this class
* Capacity for high tension bolt 16mm
* Reversible
* Soft grip handle



Specifications:

Capacity:	Bolt: Ordinary	12 - 22mm (1/2 - 7/8")
	High Tension	12 - 16mm (1/2 - 5/8")
	Torque	360Nm (3,180in.-lbs.)
Square Drive		1/2" (12.7mm)
Power Input		480W
No Load Speed		1900/min.
Impact Rate		2100/min.
Overall Length		258mm (10-5/32")
Weight		2.8kg (6.2 lbs.)
Standard Accessories		Side Handle

HTC-WR22SA 3/4" Sq. Dr. - 850W IMPACT WRENCH

* For 3/4" (19mm) square drive
* Most powerful and highest torque: 610Nm in this class
* Capacity for high tension bolt 22mm
* Durable aluminium housing and double insulation
* Reversible
* Soft grip handle



Specifications:

Capacity:	Bolt: Ordinary	14 - 24mm (9/16 - 15/16")
	High Tension	16 - 22mm (5/8 - 7/8")
	Torque	610Nm (5,390in.-lbs.)
Square Drive		3/4" (19mm)
Power Input		850W
No Load Speed		1800/min.
Impact Rate		2000/min.
Overall Length		303mm (11-15/16")
Weight		4.8kg (10.6 lbs.)
Standard Accessories		Side Handle

HTC-RB40VA 3,8m/min - 550W BLOWER - VARIABLE

* Variable speed by means of trigger and dial
* Powerful blower
* Air volume flow: 3.8m³/min
* Soft grip handle
* Innovative design
* Self standing
* Dust bags available as a standard accessory



Specifications:

Capacity:	Air Pressure	0 - 5.5 kPa
	Air Volume Flow	0 - 3.8 m3 /min
Power Input		550W
No Load Speed	Overall Length	0 - 16000min.
		447mm
Weight		1.7kg
Standard Accessories		Nozzle, Dust Bag

Eco-Product | Double Insulation | Reversible | Variable Speed

HITACHI
POWER TOOLS

HTC-CC14SF 2000W CUT-OFF MACHINE

* Power input 2,000W
* Sturdy aluminum housing and double insulation
* Soft grip handle
* Quick lock vise
* Spark diversion guard
* Spindle Lock



Specifications:

Capacity: Blade Dia	65mm (2-9/16")
Pipe Dia.	120mm (4-47/64")
Shaped Steel	130 x 130mm (5-1/8 x 5-1/8")
Power Input	2,000W
No Load Speed	3,800/min
Dimensions	603 x 318 x 603mm (23-47/64 x 11-7/32 x 23-47/64")
Weight	16.5kg (36.3lbs)
Standard Accessories	Cut-off Wheel, Wrenches

HTC-C10FCE2 255mmØ - 1,520W MITRE SAW

* Lightweight - 11.9kg
* Thumb actuated positive mitre stops for quick and easy adjustment
* Soft grip handle
* Large table
* Equipped with chip deflector
* Pivoting sub-fence supports larger stock



Specifications:

Capacity: Blade Dia	255mm
(H x W) Cross Cut: 0°	59 x 114mm or 89 x 101mm
Mitre Cut 45°	59 x 102mm or 89 x 70mm
Mitre Cut 52°	59 x 89mm or 89 x 54mm
Bevel Cut 45°	41 x 144mm
Compound Mitre 45° & Bevel 45°	41 x 102mm
Power Input	1,520W
No Load Speed	5,000/min
Mitre Angle: Right	0 - 52°
Left	0 - 52°
Bevel Angle: Left	0 - 45°
Positive Mitre Angle Stop	0, 15, 22.5, 31.6 and 45°
Dimensions	460 x 628 x 561mm
Weight	11.9kg
Standard Accessories	Blade, Dust Bag, Vise Assembly, Sub-Fence, Wrenches

HTC-C10FCH2 255mmØ - 1,520W MITRE SAW - LASER GUIDED

* Laser guide system
* Lightweight - 12.0kg
* Thumb actuated positive mitre stops for quick and easy adjustment
* Soft grip handle
* Large table
* Equipped with chip deflector
* Pivoting sub-fence supports larger stock



Specifications:

Capacity: Blade Dia	255mm
(H x W) Cross Cut: 0°	59 x 114mm or 89 x 101mm
Mitre Cut 45°	59 x 102mm or 89 x 70mm
Mitre Cut 52°	59 x 89mm or 89 x 54mm
Bevel Cut 45°	41 x 144mm
Compound Mitre 45° & Bevel 45°	41 x 102mm
Power Input	1,520W
No Load Speed	5,000/min
Mitre Angle: Right	0 - 52°
Left	0 - 52°
Bevel Angle: Left	0 - 45°
Positive Mitre Angle Stop	0, 15, 22.5, 31.6 and 45°
Dimensions	460 x 628 x 561mm
Weight	12.0kg
Standard Accessories	Blade, Dust Bag, Vise Assembly, Sub-Fence, Wrenches

DO NOT STARE INTO LASER BEAM

Eco-Product | Double Insulation | Spindle Lock | Dust Extracting Type

NEW Sensortec (magnet indicator light)

EUROBOOR SENSORTEC



The unique Euroboor Sensortec system.

The attachment force generated by your magnet depends on a number of factors:

- the thickness of the material to be drilled through
- any possible coating or paint layer present on the material
- chips or other dirt, oil or grease between the magnet and the material.

The new Euroboor electric drill magnets are equipped with a sensor that measures whether the magnet exercises sufficient attachment force to the material. The result of the measurement is presented by means of a LED indicator on the switch panel. The ”red light” indicator warns you that there is insufficient force to attach the magnet, while the ”green light” indicator indicates that there is sufficient force to do so.

HITACHI POWER TOOLS

HTC-BM20YK | **13mm Drill - 770W** | **MAGNETIC BASE DRILL - 12-32mm MILLING CAPACITY**

* Weight onlt 9.5kg
* New dual coil High Density magnet with 1400kg pulling power
* Compact
* Centrally positioned operating buttons
* High quality safety relay circuit
* Reset safety in case of power failure
* Delivery ready for use including accessories
* 6 Months warranty



Specifications:

Capacity	Milling	12-32mm
	Twist Drill	13mm
No-Load Speed		550RPM
Power Input		770W
Magnetic Adhesion		1400kg
Weight		9.5kg
Standard Accessories		Auto Coolant System, 3 Hexagon, Wrenches, Cutting Oil, Ear Protectors Safety Glasses, Safety Gloves, Safety Chain, Carrying Case 1 x 14mm Short Cutter 1 x 18mm Short Cutter 1 x 22mm Short Cutter

EUROBOOR

HTC-ECO50 | **23mm Drill - 1150W**

MAGNETIC BASE DRILL
12-50mm MILLING CAPACITY NO. 2 MORSE TAPER

* Weight only 13.0kg
* Very compact
* New dual coil High Density magnet with 1700kg pulling power
* Strong 1150W durable H.P. motor
* Dual speed control
* Centrally positioned operating buttons
* Optimal arbor bearing
* High quality safety relay circuit
* Reset safety in case of power failure
* Delivered ready for use
* 12 month warranty



Specifications:

Capacity	Milling	12-50mm
	MTS Drill	23mm (MT2)
Speed	1	250RPM
	2	450RPM
Power Input		1150W
Magnetic Adhesion		1850kg
Weight		13kg
Standard Accessories		3 Hexagon Wrenches, Cutting Oil, Ear Protectors, Safety Glasses, Safety Gloves, Safety Chain, Carrying Case.

With Carrying Case

2 Speed

EUROBOOR **HTC-ECO100/4** **32mm Drill - 1800W**

MAGNETIC BASE DRILL
12-100mm MILLING CAPACITY - NO. 3 MORSE TAPER

* Weight only 26.0kg
* Robust machine
* New dual coil High Density magnet with 3000kg pulling power
* Strong 1800W durable H.P. motor
* Dual mechanical speed control, both are electronic and stepless variable
* Mechanical slipping clutch
* Electronic overload protection
* Stepless variable torque control
* Clockwise and anti-clockwise switch with 'zero point' changeover safety
* Centrally positioned operating buttons
* Optimal dual arbor guidance
* High quality safety relay circuit
* Reset safety in case of power failure
* Delivered ready for use
* 12 month warranty



Specifications:

Capacity	Milling	12-100mm
	MTS Drill	32mm (MT3)
Speed	1	40-110RPM
	2	120-175RPM
	3	140-370RPM
	4	220-600RPM
Power Input		1800W
Magnetic Adhesion		2700kg
Weight		26kg
Standard Accessories		3 Hexagon Wrenches, Cutting Oil, Ear Protectors, Safety Glasses, Safety, Gloves, Safety Chain, Carrying Case

EUROBOOR **HTC-ERM100-02** **CORE DRILL GRINDING MACHINE**

* Core drill grinding machine is intended exclusively for grinding HSS and hard metal core drills
* Used to sharpen the core drill in simplest possible manner
* Core drills can be sharpened with maximum precision
* Its robust and precise construction, low power requirement and ergonomic design enable instant operation
* Adjustment and grinding are undertaken manually



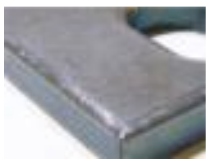
Specifications:

Dimensions L x B x H	410 x 412 x 390 (without optics) 410 x 412 x 460 (with optics)
Net Weight	± 29kg
Power supply	230Volt, 50/60 Hz
Motor	230 Volts, 0.12 kW, 2,800 rpm
Travel path Motor carriage	75
Guidance carriage	215
Runtime of grinding discs	10
Grinding disc	Diamond grinding disc Coated galvanically
Diameter	125mm
Hole diameter	10mm
Core drill shaft bore	19mm (weld on shaft) serial 32mm (weld on shaft) optional

With Carrying Case | Variable Speed | Two Speed | Reversible | Safety Release Clutch Mechanism

HTC-LKF450/2 — 1100W — EUROBOOR BEVELING MACHINE

* The LKF450 is the ideal machine for making welding angles, to countersink drilled holes and to de-burr material
* Adjustable depth
* The quality of the weld side which is made with the LKF450 guarantees a better weld connection
* Lightweight - only 4.7kg
* Powerful "Soft-Start" 1100W motor
* Suitable for steel, stainless steel and aluminium





Specifications:

Max Bevel	Width	0 ~ 6 mm
	Angle	45° (Can upgrade to 30° and radius 2.5mm)
No-Load Speed		3000-6000 RPM
Power Input		1100W
Weight		4.7 kg
Standard Accessories		Plastic Carry Case, 45° Milling Head including 2 Cutting Plates, Key (SW22)



HTC-LKF200 — 1100W — EUROBOOR BEVELING MACHINE

* The LKF200 is the ideal machine for making welding angles
* The angle and depth are adjustable
* The quality of the weld side which is made with the LKF200 guarantees a better weld connection
* The LKF200 is fast and due to the perfect finish, further work for completion is unnecessary
* The LKF200 can be used on profiles, plates and pipes
* The apparatus is supplied with an electronic overload safety cut out



Specifications:

Capacity	Depth	0 ~ 14 mm
	Angle	15° - 60°
Max Bevel Width		20 mm
No-Load Speed		2850 RPM
Power Input		1100W
Weight		22kg
Standard Accessories		Steel Carry Case, 2 Mill Heads, LKF225 Pipe/Tube, Accessory Bracket, 12 Cutting Plates, Assembly Tools



HTC-EHC230 — 1700W — EUROBOOR PORTABLE CIRCULAR SAW

* Fast, burr free operation
* No greasing or cooling necessary
* Practical spark-free machining
* Automatic chip collection
* Variable sawing angle





Specifications:

Capacity	Depth	90° 82mm Tubes, 45° 56mm
	Angle	0 - 45°
	Blade	230mm
Max. Capacity		3 - 13mm
No-Load Speed		2600 RPM
Power Input		1700W
Weight		7.1kg
Max. Continuous Use		30 minutes

BLADERUNNER SAW BLADES WITH OMNI CUTTING TECHNIQUE
One blade enables you to cut steel, stainless steel or aluminium

Ø 230mm x 48T x 2.2 Axle Hole =25.4mm

With Carrying Case

CORE DRILL CUTTERS

Features:

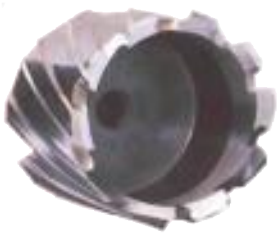
1. Perfect start without sliding out of position
2. Conical polished inside surface
3. Precise centre pilot fitting
4. Polished clamp surface
5. Faster, because each tooth cuts
6. More accurate
7. Longer drill depth
8. Stronger, therefore less breakage
9. Much longer standing time
10. Guaranteed discharge of the slug

CUTTERS - LONG SERIES (55mm)
"WELDON SHANK" from 12-60mm

CUTTERS - SHORT SERIES (30mm)
"WELDON SHANK" from 12-60mm



Optimal centre pilot fitting



Conical inside surface



Double action teeth



Perfectly polished clamp surfaces



MAGNETIC BASE DRILL ACCESSORIES







PILOT PINS

PRODUCT CODE	DESCRIPTION
HTCEIBC70	PILOT PIN 4.75MM CUTTERS 12-15MM 30MMD
HTCEIBC80	PILOT PIN CUTT 60MM+ WITH 30MMD
HTCEIBC90	PILOT PIN CUTT 50MM+ WITH 100MMD

DRILL CHUCKS & ADAPTORS

PRODUCT CODE	DESCRIPTION
HTCEIBK14	CHUCK ADAPTOR 3/4" WELDON to 1/2" X 20 IMB30/2
HTCEIBK16-2	CHUCK ADAPTOR TAPER-SHANK MT2-B16
HTCEIBK16	CHUCK TAPER-SHANK B16 (16MM)

COUNTER SINK DRILLS

PRODUCT CODE	DESCRIPTION
HTCESCE30	COUNTERSINK BIT 10-30MM
HTCESCE40	COUNTERSINK BIT 10-40MM
HTCESCE50	COUNTERSINK BIT 15-55MM 90DIG 3/4"

MORSE-TAPER REDUCING SLEEVES

PRODUCT CODE	DESCRIPTION
HTCEMCV31	REDUCING SLEEVE MT3-MT1
HTCEMCV32	REDUCING SLEEVE MT3-MT2
HTCEMCV3Z	REDUCING SLEEVE MT3-MT2

"WELDON" CUTTER ARBORS

PRODUCT CODE	DESCRIPTION
HTCEMC2	MANUAL COOL MT2 - 3/4" WELDON (ECO 50)
HTCEMC3-32	MANUAL COOL MT3 - 1 1/4" WELDON (ECO 100/3)
HTCEMC3	MANUAL COOL MT3 - 3/4" WELDON (ECO 100/3)
HTCEIMC30-32	AUTO COOL MT3 - 1 1/4" WELDON (ECO100/3)

COOLING ACCESSORIES & LUBRICANTS

PRODUCT CODE	DESCRIPTION
HTCEKSP100	AUTO COOL + LUBE SET
HTCEIBOP911	CUTTING LUBE 400ML AEROSOL

HITACHI POWER TOOLS CHISELS

BULL POINT



COLD CHISELS



SCALING CHISELS, ASPHALT CUTTERS



BULL POINT

Code	Size/Breaker
HTCH24PC-1	SDS-PLUS 250MM ROUND
HTC40MA-1	SDS-MAX 280MM ROUND
HTCH40MA-2	SDS MAX 400MM
HTCKE40-1	DH38 280MM ROUND
HTCKE90-1	H55 300MM ROUND
HTCKE90-3	H55 450MM ROUND
HTCKE89-2	H65 410MM ROUND
HTC993180L	H90 520MM BULL POINT

COLD CHISELS

Code	Size/Breaker
HTCH24PC-2	SDS-PLUS 250MM
HTCH24PC-5	SDS-PLUS 250MM
HTCH40MA-4	SDS-MAX 280MM
HTCH40MA-5	SDS-MAX 400MM
HTCKE40-6	DH38 450MM
HTCKE90-6	H55 450MM
HTCKE89-5	H65 410MM
HTC993181L	H90 COLD 520MM HEX

SCALING CHISELS ASPHALT CUTTERS

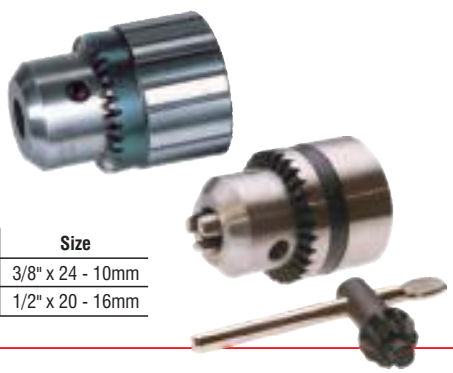
Code	Size/Breaker
HTCH24PC-7	SDS-PLUS 40 X 250MM
HTCH40MA-7	SDS-MAX 45 X 280MM
HTCKE85-7	H41 50 X 280MM
HTCKE90-8	H55 75 X 280MM
HTCKE89-8	H65 75 X 410MM
HTC993182L	H90 ASPHALT 120MM HEX

CHANNELING CHISELS

Code	Description
HTC-H24PC-7	250X40MM SDS+

HITACHI POWER TOOLS DRILL CHUCKS & KEYS

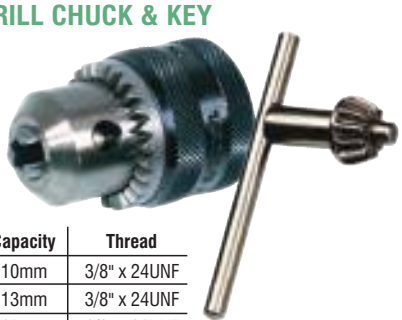
- Easy to fit
- Suitable for all portable and cordless power drills



Code	Size
HTC705006	3/8" x 24 - 10mm
HTC950284	1/2" x 20 - 16mm

MTS DRILL CHUCK & KEY

- Easy to fit
- Suitable for all portable and cordless power drills



Code	Capacity	Thread
MTS2230	10mm	3/8" x 24UNF
MTS2245	13mm	3/8" x 24UNF
MTS2250	13mm	1/2" x 20UNF

MTS DRILL CHUCK KEYLESS

- Easy to fit
- Suitable for all portable and cordless power drills



Code	Capacity	Capacity
MTS2210	13mm	1/2" x 20UNF

Jacobs DRILL CHUCK & KEY - 901325

- Multi craft range
- Bite hardened jaws
- Manufactured to DIN run out specifications
- Female mounts have a through hole to accept a L/Handed retaining screw for chucks fitted with reverse



Code	Capacity	Capacity Thread
JAC1080	13mm	1/2" x 20TPI

MTS CHUCK KEYS

- A range of precision milled chuck keys to suit most power drills with chucks



Code	Size
SHA0750	10mm
SHA0755	13mm
SHA0780	4-in-1

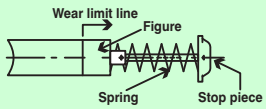
MTS ANGLE DRILL ATTACHMENT

- Drill easily in confined areas
- Interchangeable handle
- 10mm chuck with key
- 1:1 drive ratio



Code	Capacity
HON0230	10mm

CARBON BRUSH SELECTION CHART



Note : Figures shown on carbon brush signify the last two figures of Code No.

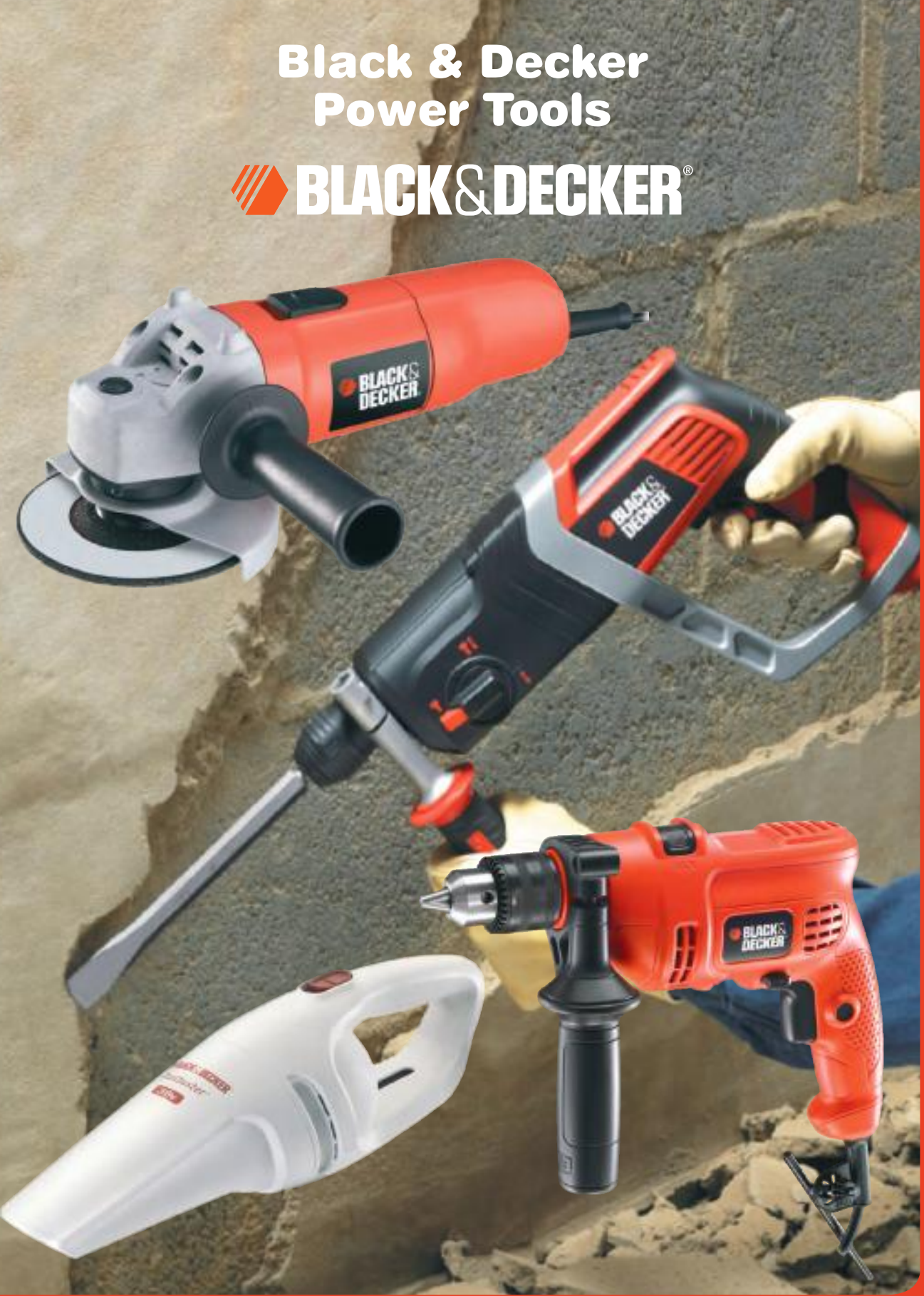
	Model	Code No. Standard type	Auto-stop type
C	C5YC	999043	999073
	C6BU2	999056	–
	C6BUY	999056	–
	C6MF	999043	999073
	C6SS	999043	999073
	C6U2	999043	999073
	C6UY	999043	999073
	C7	999043	999073
	C7BMR	999038	999071
	C7BU2	999056	–
	C7BUY	999056	–
	C7D	999058	–
	C7MF	999043	999073
	C7MFA	999043	999073
	C7SB2	999038	999071
	C7SE	999043	999073
	C7SS	999043	999073
	C7ST	999043	–
	C7U2	999043	999073
	C7UY	999043	999073
	C7YA	999038	999071
	C8	999038	999071
	C8FSE	999021* 999001**	– –
	C8FSHE	999021* 999001**	– –
	C9BA2	999038	999071
	C9BU2	999038	999071
	C9SA2	999038	999071
	C9U2	999038	999071
	C10FCE2	999038* 999065**	– –
	C10FCH2	999038* 999065**	– –
	C10FSB	999043	999073
	C10FSH	999043	999073
	C12FCH	999038* 999065**	– –
	C12FDH	999038	999071
	C12LCH	959038* 999065**	– –
	C12LDH	999038	999071
	C12LSH	999038* 999065**	– –
	C12RSH	999038* 999065**	– –
	C12YB	332381	–
	C13U	999044	999074
	C15FB	999044	999074
	CC12Y	999044	999074
	CC14SF	999044	999074
	CC16SA	999044	999074
	CC16SB	999044	999074
	CD7SA	999043	999073
	CD14F	999060	–
	CE16SA	999021	999070
	CJ65S3	999041	999072
	CJ65V3	999041	999072
	CJ90VST	999041	999072
	CJ110M	999041	999072
	CJ110MV	999041	999072
	CJ110MVA	999041	999072
	CJ120V	999041	999072
	CJ120VA	999041	999072
	CL10SA	999021	999070
	CM4SB2	999043	999073
	CM4ST	999043	–
	CM5SB	999088	999076
	CM7MC	999061	999089
	CM7MR	999044	999074
	CM7MRU	999044	999074
	CM9SR	999044	999074
	CM12Y	999044	999074
	CN16SA	999021	999070
	CR13V2	999043	999073
	CR13VB	999043	999073
	CR13VBY	999043	999073
	CR13VC	999043	999073
C	CR14DSL	999058	–
	CR18DL	999058	–
	CR18DMR	999058	–
	CR18DSL	999058	–
	CS-350A	999038	999071
D	D6SH	999041	999072
	D10VC2	999041	999072
	D10VF	999041	999072
	D10VG	999041	999072
	D10VH	999041	999072
	D10VJ	999041	999072
	D10YB	999021	999070
	D13	999043	999073
	D13VB3	999041	999072
	D13VF	999041	999072
	D13VG	999041	999072
	D13VH	999041	999072
	DC120VA	999043	999073
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	DH18DL	999100	–
	DH18DSL	999100	–
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	DH22PH	999041	999072
	DH24DV	–	999090
	DH24DVA	–	999090
	DH24DVC	999100	–
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	DH24PC3	999088	999076
	DH24PD3	999088	999076
	DH24PM	999041	999072
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	DH25DL	–	999090
	DH25PB	–	999070
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	DH36DAL	–	999090
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	DH38SS	999043	999073
	DH38YE2*	999043	999073
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	DH40MR	–	999073
	DH40MRY	–	999073
	DH40SR	–	999073
	DH45MR	–	999074
	DH50MR	–	999074
	DH50MRY	–	999074
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	DS14DL	999054	–
	DS14DSAL	999054	–
	DS14DSL	999054	–
	DS18DL	999054	–
	DS18DMR	999054	–
	DS18DSAL	–	999054
	DS18DSL	999054	–
	DV14DL	999054	–
	DV14DSL	999054	–
	DV16V	999041	999072
	DV18DL	999054	–
	DV18DMR	999054	–
	DV18DSL	999054	–
	DV18V	999041	999072
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	FCJ65V3	999041	–
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	FD10VA	999041	–
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	G10SF2	999021	999070
	G10SN	999005	–
	G10SQ	999005	–
	G10SR3	999005	–
	G10SS	999021	999070
	G10ST	999021	999070
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	G12SN	999005	–
	G12SQ	999005	–
	G12SR3	999005	–
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	G13SP	999088	999076
	G13SQ	999005	–
	G13SR3	999005	–
	G13SS	999021	999070
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	G13VA	999088	999076
	G13YC	999088	999076
	G13YD	999088	999076
	G13YF	999088	999076
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	G14DMR	999054	–
	G14DSL	999054	–
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	G15YC	999088	999076
	G15YF	999088	999076
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	G18DSL	999054	–
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	G18SEY	999061	999089
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	G18SH2	999061	999089
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	G23SCY	999061	999089
	G23SE2	999061	999089
	G23SEY	999061	999089
	G23SF2	999061	999089
	G23SR	999044	999074
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	G23U2	999061	999089
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	H50SA	999043	999073
	H55SA .	–	999071
	H55SC	–	999071
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	H60MC	–	999074
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	H60MRV	–	999074
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	H65SC	–	999086
	H65SD2	–	999086
	H70SA	–	999086
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	H90SC	–	999086
	H90SE	–	999086
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	PH-65A	999044	999074
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	PR-38E	999043	999073
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	SAT-180	999043	999073
	SAY-150A	999021	999070
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	SB10V2	999043	999073
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	SP18SB	999043	999073
	SP18VA	999043	999073
	SP18VB	999043	999073
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	SV12SE	999041	999072
	SV12SG	999041	999072
	SV12SH	999041	999072
	SV12V	999041	999072
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	SV13YB	999041	999072
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	VTV-16	999043	999073
	VTP-16A	999043	999073
W	W4YD	999021	999070
	W6V4	–	999091
	W6VA4	–	999091
	W6VB3	–	999091
	W6VM	–	999091
	W8VB2	–	999091
	WH10DL	999054	–
	WH12DM2	999054	–
	WH14DL	999054	–
	WH14DM	999054	–
	WH14DMR	999054	–
	WH14DSL	999054	–
	WH18DL	999054	–
	WH18DMR	999054	–
	WH18DSL	999054	–
	WP14DSL	999054	–
	WR12DM2	999054	–
	WR14DL	999054	–
	WR14DM	999054	–
	WR14DSL	999054	–
	WR14VB	999021	999070
	WR16SA	999021	999070
	WR18DHL	999100	–
	WR18DL	999054	–
	WR18DMR	999054	–
	WR18DSHL	999100	–
	WR22SA	999054	–

•For 110V-120V ** For 220V-240V



Black & Decker Power Tools

BLACK&DECKER®



Black & Decker Power Tools

Black & Decker has been setting the standard for innovation and design of power tools since 1910. As the inventor of the first portable electric drill with pistol grip and trigger switch, Black & Decker offers a broad line of quality power tools used in and around the home and for commercial applications. When users need to get work done, they trust Black & Decker for the power tools that will do the job efficiently and reliably.



Cordless Range



Percussion Hammer Drills



Angle Grinders



Polisher



Sanders



Jigsaw



Circular Saw



Router



Heat Gun



Dustbusters



Work Bench

BNDPP360-QW 4.8V RECHARGEABLE SCREWDRIVER

Features

- Four-position rotating drive helps you access screws in hard-to-reach spaces
- Easy-to-use lock/unlock makes it easy to adjust screw head position
- Compact size for optimal control
- LED work light illuminates work area
- 1/4" (6.4mm) universal hex chuck accepts the most common accessory bits



Specifications:

Voltage	4.8 V
No load speed	180RPM
Battery type	NiMH
Bit holder size	6.35 mm
Max torque	4Nm



Code
STAPP360-QW

BNDEPC14CA-QW 14.4V DRILL DRIVER

Features

- 24 torque clutch - For perfect screwdriving into a variety of materials with different screws sizes
- Spring Loaded Slide Pack Battery System - For quick and easy battery change and a more secure fit
- Reverse switch for added versatility
- Variable speed - For ultimate finger tip control for all drilling applications



Specification

Voltage	14.4V
Battery type	Detachable
Capacity	1.2Ah
Charge time	3hr
Chuck	Keyless
Chuck size	10mm
Hammer	No
Clutch positions	24



Code
STAEPC14CA-QW

BLACK&DECKER

BNDKR454-QS 450W PERCUSSION HAMMER DRILL



Features

- 450W power suitable for home drilling
- Hammer action suitable for drilling into masonry
- 10mm, high quality keyed chuck
- Lock on button for greater comfort

Specifications:

Power	450W
Voltage	230V
Chuck	Keyed
Chuck size	10mm
Hammer	Yes
Beats per minute	47600bpm
Max. Torque	3.7Nm
Max. capacity-wood	20mm

Code
STAKR454-QS

BNDKR504RE-QS 500W PERCUSSION HAMMER DRILL



Features

- 500W power suitable for home drilling
- Hammer action suitable for drilling into masonry
- 13mm, high quality keyed chuck
- Variable speed offers more control and is essential for screwdriving
- Lock on button for greater comfort



Specifications:

Power	500W
Voltage	230V
Chuck	Keyed
Chuck size	13mm
Hammer	Yes
Beats per minute	47600bpm
Max. Torque	3.7Nm
Max. capacity - wood	20mm

Code
STAKR504RE-QS

BNDCD714REK-AE 710W PERCUSSION HAMMER DRILL

Features

- 710W power suitable for home drilling
- Hammer action suitable for drilling into masonry
- 13mm, high quality keyed chuck
- Variable speed offers more control and is essential for screwdriving
- Secondary handle to provide additional control
- Lock on button for greater comfort



Specifications:

Power	710W
Voltage	230V
Chuck	Keyed
Chuck size	13mm
Hammer	Yes
Beats per minute	47600bpm
Max. Torque	4.5Nm
Max. capacity - wood	25mm

Code
STACD714REK-AE

BLACK&DECKER®

BNDKG915-QS 900W 115MM SMALL ANGLE GRINDER

Features

- 115mm disc size - useful when working in confined spaces
- 900W motor provides an ideal balance between power, weight and size
- 2 position side handle for additional control and safety
- Spindle lock makes accessory changing quick and easy
- Tool free safety guard makes guard adjustment quick and easy
- Lock on switch assists with comfort and control



Specifications:

Power	900W
Voltage	230V
Wheel diameter	115mm
No load speed	10000rpm
Configuation	Body grip
Spindle size	M14mm
Spindle lock	Yes
Switch type	Slider

Code
STAKG915-QS

BNDKG2000D-AE 2000W 230MM LARGE ANGLE GRINDER

Features

- 230mm disc size is useful when a large depth of cut is needed
- 3 position side handle adds additional control and safety
- Spindle lock makes accessory changing quick and easy
- Lock off trigger prevents accidental start-up
- Safety guard ensures safe operation of tool
- 3 metre cable allows access to most work areas without the need for an extension cord





Specifications:

Power	2000W
Voltage	230V
Wheel diameter	230mm
Soft grip	Yes
Soft start	Yes
Adjustable gear case	No
No load speed	6500rpm
Configuration	End handle

Code
STAKG2000D-AE

BNDKP600 RANDOM ORBIT WAXER/POLISHER - 60 WATT

Features

- Ideal for waxing and polishing furniture, automobiles and boats
- Random orbit action for faster wax applications and finishing quality
- Front and end handle position for greater control
- Rubber grip provides comfort and prevents slipping
- Dust-seal rubber on/off switch for longer tool life
- 3 meter cable for optimum convenience
- Includes:
  1Pc foam applicator bonnet
  2pc wool polishing bonnets



Specification

Power	60W
Orbits/Min	4,400 Rpm
Wheel diameter	150mm
Cable length	3 m

Code
STAKP600

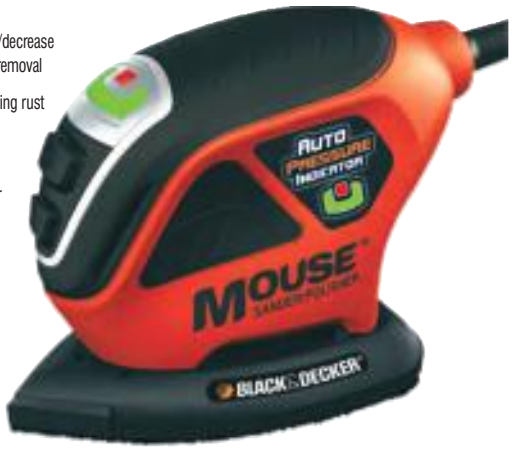
BLACK&DECKER®

BNDKA168K-QS MOUSE® DETAIL SANDER

Features

- Auto Pressure Indicator indicates if you need to increase/decrease the amount of pressure on the sander for optimal stock removal
- Versatile - Ideal for paint / varnish, cleaning glass, removing rust and sanding in tight spaces
- Tear drop shaped base to access tight corners
- Removable tips allowing other profile tips to be added for greater versatility
- Detail base is designed to give better results when sanding intricate areas
- Quick fit sanding paper or faster sanding action and easier paper fitment

Code
STAK168K-QS



Specifications:

Power	55W
Voltage	230V
Speed	Single
No load speed	11000rpm
Eccentricity	0.75mm
Orbit diameter	1.5mm
Dust extraction [sanders]	Vacuum adaptor
Paper attachment	Quick fit

BNDKA310-QS 240W 1/3 SHEET SANDER

Features

- Compact power - Powerful 240W motor gets the job done quicker
- Compact design gets you closer to the work surface for greater control
- Large orbit size and high sander speed for faster material removal
- Versatile - Third sheet base sands flush to 3 sides
- Ideal for using on vertical surfaces such as doors and walls, for light to medium sanding tasks
- Lightweight sander with front and rear handles for maximum comfort and control
- Quick & easy paper change - hook & loop or traditional clip attachment

Code
STAKA310-QS



Specification

Power	240W
Speed	Single
No load speed	15000rpm
Eccentricity	1.0mm
Orbit diameter	2.0mm
Sanding actions	Orbital
Paper size	92 x 230mm
Platten size	91 x 189mm

BNDKS700PE-QS 480W VARIABLE SPEED PENDULUM JIGSAW

Features

- 3-stage pendulum action to increase cutting speed
- Variable speed trigger for increased control
- Universal blade clamp holds both U & T shank blades
- Integral dust blow feature clears the line of cut
- Integral dust extraction feature to keep the work area clean
- Small, lightweight & compact industrial design

Code
STAKS700PE-QS



Specification

Power	480W
Voltage	230V
Speed	Variable
Strokes	0-3000/min
Tool free blade clamp	No
'Lock on' switch	Yes
Bevel cut	0-45°
Dust blower	Yes

BLACK&DECKER®

BNDKS1300-QS CIRCULAR SAW 1300W 65mm

Features

- 65mm depth of cut for fast and accurate rip, cross and bevel cuts
- Powerful 1300W motor for increased power and maximum performance
- Easy to set integral depth of cut adjustment
- Rise and fall depth setting function for optimum cutting performance
- Bale handle for added control and accuracy
- Spindle lock for easy blade change
- 20 tooth TCT saw blade



Specification

Power	1300W
Voltage	230V
Depth of cut	65mm
No load speed	5,000rpm
Blade diameter	190mm
Bore size	16mm
Bevel cut	0-45°
Dust extraction	Yes
Rip fence	Yes

Code
STAKS1300-QS

BNDKW1600EA-QS ROUTER 1/2" 1600W

Features

- 1600W motor for long life and high performance
- Flat motor housing enables product to be stood upside down for easy bit change
- Lock off trigger for enhanced safety
- 3 collets provided to suit shank sizes below 1/2" (6mm, 6.35mm and 8mm)
- 6 1/2" router bits included
- Template guide
- Edge guide
- Copy follower
- Distance plate for trimming vertical projections



Specifications:

Power	1600 W
Voltage	230 V
Speed	Variable
No load speed	11,000 – 28,000 rpm
Plunge depth	60mm
Collet size	6, 6.35, 8, 12.7mm
Maximum cutter dia	42mm
Spindle lock	Yes

Code
STAKW1600EA-QS

BNDKX2000ZA HEAT GUN 2000W

Features

- Essential tool for decorating or refinishing
- Pistol grip handle is well balanced for use over extended periods of time
- Comes complete with a kit box and a range of accessories
- Performs many different tasks with three temperature settings
- Lock- on switch for comfortable, hands free use



Specifications:

Power	2000W
Voltage	230V
Heat settings	Variable
Style	Pistol
Temp range	50-600 °C
Air flow	<650 l/min
Cable length	3m
Kit box	Yes

Code
STAKX2000-ZA

BLACK&DECKER®

BNDNW4860-QW 4.8 V WET & DRY DUSTBUSTER VAC

Features

- 4,8V Power is ideal for general cleaning tasks around the home
- Combined benefits of wet and dry cleaning in one
- New bayonet release system: twist the bowl to open
- New wall hook: easier to change than ever with its integrated DC jack plug to charged when stored
- Special wet pick up accessory stored on board for increased wet vacuum capabilities
- Ergonomic design for comfortable use



Specifications:

Voltage	4.8V
Power (Air Watts)	9.6W
Suction Power	300mm/Water
Air Flow	815 l/min
Dustbowl Capacity	287 / Fluid 200ml
Run Time	8 min
Handle Style	Loop

Code
STANW4860-QW

BNDNV3603-QE 3.6V DUSTBUSTER® HAND VAC

Features

- 3.6V power is ideal for quick pick-up tasks around the home
- Cordless technology - grab & go
- Wall mounted charging system
- Bayonet release system: Twist the bowl to open and easily empty
- Ergonomic design for comfortable use
- Accessories conveniently stored under loop handle wherever you go they are always on hand



Specifications:

Voltage	3.6V
Power (Air Watts)	7.5W
Suction power	225mm/Water
Air flow	800l/min
Dustbowl capacity	286ml
Runtime	7.5min
First time charge	16 Hours
Handle style	Loop

Code
STANV3603-QE

BNDWM301-XJ PORTABLE WORKBENCH

Features

- Durable steel frame construction
- Folds flat for compact storage and easy transport
- Dual clamping cranks increase clamping force and versatility
- Adjustable swivel pegs and jaw retention grooves provide clamping versatility and reliable material hold
- Designed for easy set-up and clean-up
- Rubber feet are anti-slip



Specifications:

Working height	760 mm
Folded size	630 x 890 x130 mm
Vice jaw opening	0 - 115 mm
Vice jaw length	610 mm
Max table width (jaws open)	341 mm
Maximum load	160 kg

Code
STAWM301-XJ

Safety



Safety

A wide range of Personal Protective Equipment (PPE) suitable for many work activities.

The range caters for eye, hearing, respiratory, hand, foot, head and full body protection. We also offer conspicuity gear and products specifically for welding disciplines.

In addition we offer a range of comprehensive first aid kits and miscellaneous safety products.



Eye Protection



Hearing Protection



Respiratory Protection



Hand Protection



Foot Protection



Overalls



Rain Suits



Conspicuity Gear



Welding Safety Gear



Head Protection



First Aid Kits



Miscellaneous

SAFETY SPECTACLES

- Heavy duty plastic frame
- Clear polycarbonate protective lenses



Code
COM0730

SAFETY SPECTACLES

- Heavy duty plastic frame
- Clear polycarbonate protective lenses



Code
COM0735

TINTED SAFETY SPECTACLES

- Tinted wrap around safety



Code
COM1250

WRAP AROUND SAFETY SPECTACLES

- Wrap around for extra protection
- Heavy duty plastic frame
- Clear polycarbonate protective lenses



Code
COM0740

CLEAR SPECTACLES

- Safety spectacles with PVC frame



Code
DOR1200

CLEAR SPECTACLES - BLACK FRAME

- Clear lenses
- Black frame
- Polycarbonate lenses
- Use when grinding, cutting, hammering & chipping



Code
DOR1180

WRAP AROUND CLEAR SPECTACLES

- Clear lenses
- Wrap around frame
- Polycarbonate lenses
- U.V. Resistant
- Use when grinding, cutting, hammering, chipping



Code
DOR1185

TINTED SPECTACLES - BLACK FRAME

- Green tinted lenses
- Black frame
- Polycarbonate lenses
- Use when grinding, cutting, hammering & chipping



Code
DOR1190

CLEAR GOGGLES

- Comfortable and flexible
- Adjustable head strap
- Suitable for general eye protection while grinding, sanding etc
- Air vents for comfort



Code
WAN0340

CLEAR FACE SHIELD

- Clear, full face protective shield, for woodworking and general industrial use



Code
RHN0002

EARMUFFS - RED CUP

- Red plastic soft comfortable ear cups
- Adjustable head band
- High sound insulation capacity
- Essential for any one operating noisy equipment



Code
DOR1100

EARPLUGS

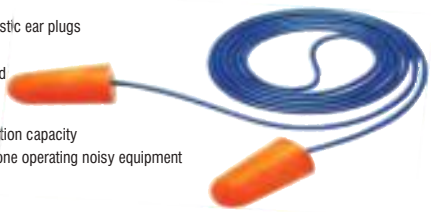
- Soft plastic
- Fixed to a rigid Alice band
- For moderate noise levels



Code
COM0405

PLASTIC EAR PLUGS

- Poly-vinyl soft plastic ear plugs
- On a captive cord
- Individually packed in Poly -plastic bags
- High sound insulation capacity
- Essential for any one operating noisy equipment



Code
DOR1150

PLASTIC EAR PLUGS - CORDLESS

- Poly-vinyl soft plastic ear plugs
- Two plugs per set - without cord
- Individually packed in Poly -plastic bags
- High sound insulation capacity
- Essential for any one operating noisy equipment



Code
DOR1160

PVC EAR PLUGS

- Poly-vinyl soft PVC ear plugs
- On a captive cord
- Individually packed in Poly -plastic bags
- High sound insulation capacity
- Essential for any one operating noisy equipment



Code
DOR1120

DUST MASKS

- A superior disposable half-mask, with double straps
- Protection against non-toxic solid aerosols in concentrations up to 4, 5, 12 MAC/OEL/TLV
- EN 149 compliant & SABS approved



Code	Type	Code	Type
DOR1500	Industry 20/Box	DOR1510	Mines 20/Box
DOR1490	Industry - Each	DOR1480	Mines - Each

DOUBLE HALF MASK RESPIRATOR

- Double half mask, soft plastic body covers nose and mouth
- Uses two filters (Not included)
- Ensure that the correct filter type for the specific application is selected



Code
COM1000

SINGLE HALF MASK RESPIRATOR

- Single half mask, soft plastic body covers nose and mouth
- Uses one filter (Not included)
- Ensure that the correct filter type for the specific application is selected



Code
COM1010

DUST FILTER FOR RESPIRATOR

- D2/P2 filter only (white) for dust, mist & fumes



Code
COM1050

VAPOUR FILTER FOR RESPIRATOR

- C8/A1 filter only (brown) for organic vapours & solvents



Code
COM1060

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

PVC GLOVES

- For general industrial use



Code	Cuff Size	Pack
COM0530	64mm	Loose
COM0565	64mm	Carded
COM0550	204mm	Loose
COM0570	204mm	Carded

PVC GLOVES - KNITTED CUFFS

- For general industrial use



Code	Cuff Size	Pack
COM0500	50mm	Loose
COM0560	50mm	Carded

PVC GLOVES - KNIT CUFF

- Medium weight
- Smooth finish
- Knit wrist
- Red



Code	Cuff Size
WAN0200	260mm

PVC GLOVES

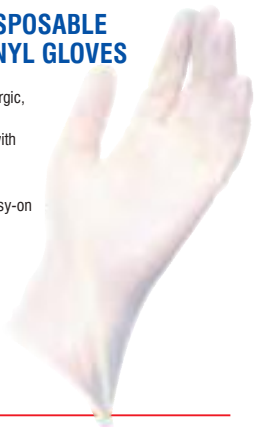
- Medium weight
- Smooth finish
- Red



Code	Cuff Size
WAN0205	270mm
WAN0210	400mm

DISPOSABLE VINYL GLOVES

- Latex free, non-allergic, vinyl gloves
- Lightly powdered with roll cuff
- Single use
- Fits either hand, easy-on / easy off
- Non-sterile



Code
WAN0070

CANDY STRIPE CHROME LEATHER GLOVES

- Chrome leather with candy stripe back
- Double palm
- WAN0090PM - economy version



Code	Cuff Size	Pack
WAN0090PM	50mm	Loose
WAN0095	50mm	Loose
WAN0500	50mm	Carded

CHROME LEATHER - DOUBLE PALM

- Chrome leather
- Double palm
- Heavy duty



Code	Cuff Size
WAN0100	50mm
WAN0110	204mm
WAN0120	400mm

CHROME LEATHER ECONOMY GLOVES

- Welding glove
- Single palm - economy



Code	Cuff Size	Pack
WAN0125	50mm	Loose
WAN0520	50mm	Carded

FURNITURE GLOVES - LEATHER

- High quality soft leather palm with good quality canvas back and cuff
- Black and yellow finish



Code	Cuff Size
WAN0130	50mm

GREEN LINED GLOVES - HEAVY DUTY

- Fully lined welding glove
- WAN0140PM - economy option



Code	Cuff Size	Pack
WAN0140PM	64mm	Loose
WAN0530	64mm	Carded
WAN0540	204mm	Carded
WAN0152	400mm	Loose

GREEN / YELLOW WELDING GLOVES

- Welding glove fully lined



Code	Cuff Size
WAN0150	204mm

BUILDERS GLOVES

- Black Latex Glove for plasterers and builders
- Ideal for industrial use



Code	Size
WAN0154	XL

COTTON KNIT GLOVE

- Light duty knitted poly cotton glove



Code
WAN0158

CRAYFISH KNIT GLOVES

- Polycotton knitted gloves with red rubber sheet coated on palm



Code
WAN0122

LATEX GLOVE - CANVAS CUFF

- Yellow latex glove with canvas cuff
- GP industrial glove



Code	Cuff Size	Pack
WAN0225	50mm	Loose
WAN0600	50mm	Carded

YELLOW LATEX - HOUSEHOLD GLOVE

- Yellow latex glove
- For general purpose household and light duty use
- Flock lined



Code	Size
WAN0156	Small
WAN0155	Med
WAN0157	Large

LATEX GLOVES WITH KNITTED CUFF

- Yellow latex glove with knitted cuff for heavier work



Code	Cuff Size	Pack
WAN0220	50mm	Loose
WAN0620	50mm	Carded

NITRILE GLOVES - RF15

- Heavy duty industrial glove
- Protects against chemicals, acid, oil and detergents



Code	Size
WAN0159	XL

PIGSKIN GLOVES

- All pigskin glove
- Used for argon tig welding
- Ideal for truck, forklift & motorcycle drivers



Code	Cuff Size
WAN0170	50mm

GLOVE CANDY STRIPE - CANVAS CUFF

- A good general purpose glove for household and garden
- WAN0160PM - economy option



Code	Cuff Size	Pack
WAN0160PM	50mm	Loose
WAN0570	50mm	Carded

POLKA DOT GLOVES

- A knitted cotton glove with non-slip rubber polka-dots
- Ideal for gardening



Code	Cuff Size	Pack
WAN0180	50mm	Loose
WAN0590	50mm	Carded

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SAFETY BOOT CHUKKA BLACK 1071

- Safety Boot with foam padding to protect ankle
- Full insole sock for added comfort
- Fitted with a 200 joule steel toe cap to comply with safety specifications



Code	Size
PMR1006	6
PMR1007	7
PMR1008	8
PMR1009	9
PMR1010	10
PMR1011	11
PMR1012	12



SAFETY BOOT ECONOMY BLACK 4201

- Budget safety boot, ankle length
- Full insole sock
- 200 joule steel toe cap
- PVC Nitrile oil and acid resistant sole



Code	Size
PMR1106	6
PMR1107	7
PMR1108	8
PMR1109	9
PMR1110	10
PMR1111	11
PMR1112	12



SAFETY BOOT SABS 2001

- Safety boot with padded ankle protection
- Full insole sock
- 200 joules steel toe cap
- Polyurethane direct injected anti-static
- Oil and acid resistant sole



Code	Size
PMR1306	6
PMR1307	7
PMR1308	8
PMR1309	9
PMR1310	10
PMR1311	11
PMR1312	12



SAFETY SHOE - STEEL CAP 3021

- Safety shoe with full insole sock
- 200 joules steel toe cap
- Oil and acid resistant sole



Code	Size
PMR2006	6
PMR2007	7
PMR2008	8
PMR2009	9
PMR2010	10
PMR2011	11
PMR2012	12



SAFETY TAKKIES BATA STEEL TOE CAP

- Safety shoes have a rubber outsole with a lightweight phylon midsole
- Suede and mesh padded uppers and shaped innersole
- Shoes conform to the CE 20345 safety specification with a steel toe cap
- Are also anti-static and have reflective material on the upper for additional safety
- These shoes have the properties of a sport shoe but can also be used in areas that require safety
- Not ideal in wet environments



Code	Size
WAY2005	5
WAY2006	6
WAY2007	7
WAY2008	8
WAY2009	9
WAY2010	10
WAY2011	11
WAY2012	12

GUMBOOT KNEE LENGTH BLACK

- General purpose gumboots are made from PVC
- Waterproof, but have no steel toe cap
- Gumboots can also be used in some oils and acids, but type and concentration
- are important to assess first before use
- Gumboots are perfect for use in agriculture, some areas of construction and many applications in light industry



Code	Size
WAY1006	6
WAY1007	7
WAY1008	8
WAY1009	9
WAY1010	10
WAY1011	11
WAY1012	12

OVERALL 2PC ROYAL BLUE

- The 2 piece polycotton overall is designed with front yokes and a set-in long sleeve
- Plain backed jacket and 2 side pockets on both jacket and trousers
- Trousers also include a hip pocket and half runched waist with belt loops
- Jacket has a breast pocket with Monza style flap
- Jacket and trousers have a concealed YKK zip front closure
- The overall is triple stitched across all key seams for extra strength



Code	Size
MAB3000	34
MAB3005	36
MAB3010	38
MAB3015	40
MAB3020	42
MAB3025	44

Code	Size
MAB3030	46
MAB3035	48
MAB3040	50
MAB3045	52
MAB3050	54

OVERALL 2PC GREY

- The 2 piece polycotton overall is designed with front yokes and a set-in long sleeve
- Plain backed jacket and 2 side pockets on both jacket and trousers
- Trousers also include a hip pocket and half runched waist with belt loops
- Jacket has a breast pocket with Monza style flap
- Jacket and trousers have a concealed YKK zip front closure
- The overall is triple stitched across all key seams for extra strength



Code	Size
MAB3500	34
MAB3510	36
MAB3520	38
MAB3530	40
MAB3540	42
MAB3550	44

Code	Size
MAB3560	46
MAB3570	48
MAB3580	50
MAB3590	52
MAB3600	54

OVERALL 2PC RED

- The 2 piece polycotton overall is designed with front yokes and a set-in long sleeve
- Plain backed jacket and 2 side pockets on both jacket and trousers
- Trousers also include a hip pocket and half runched waist with belt loops
- Jacket has a breast pocket with Monza style flap
- Jacket and trousers have a concealed YKK zip front closure
- The overall is triple stitched across all key seams for extra strength



Code	Size
MAB4000	34
MAB4010	36
MAB4020	38
MAB4030	40
MAB4040	42
MAB4050	44

Code	Size
MAB4060	46
MAB4070	48
MAB4080	50
MAB4090	52
MAB4100	54

OVERALL 2PC EMERALD

- The 2 piece polycotton overall is designed with front yokes and a set-in long sleeve
- Plain backed jacket and 2 side pockets on both jacket and trousers
- Trousers also include a hip pocket and half runched waist with belt loops
- Jacket has a breast pocket with Monza style flap
- Jacket and trousers have a concealed YKK zip front closure
- The overall is triple stitched across all key seams for extra strength



Code	Size
MAB3800	34
MAB3810	36
MAB3820	38
MAB3830	40
MAB3840	42
MAB3850	44

Code	Size
MAB3860	46
MAB3870	48
MAB3880	50
MAB3890	52
MAB3900	54

OVERALL BOILERSUIT ROYAL BLUE

- The standard 2 pocket boilersuit is manufactured from polycotton with a button front closure and breast pocket
- Side vents on the jacket allow for more freedom of movement and the trousers include a convenient hip pocket



Code	Size
MAB2000	34
MAB2005	36
MAB2010	38
MAB2015	40
MAB2020	42

Code	Size
MAB2025	44
MAB2030	46
MAB2035	48
MAB2040	50

OVERALL DUST CO/ ROYAL BLUE

- Made from polycotton the dust coast has a 4 button front closure with 2 side pockets and a long set in sleeve with plain cuff
- It also includes a breast pocket with convenient pen division
- An overlapping back vent allows for freedom of movement
- All seams are double needle stitched with 5-thread safety and all garment stress points are bar tacked to ensure the durability of the dust coat



Code	Size
MAB2510	34
MAB2503	36
MAB2505	38
MAB2507	40
MAB2500	42

Code	Size
MAB2513	44
MAB2315	46
MAB2317	48
MAB2520	50

RAIN SUIT - NAVY

- 2 pieces rubberized rain suit
- Draw string hood and strong cuff
- Elastic wrist trousers

Code	Size
WAN0900	M
WAN0910	L
WAN0920	XL
WAN0930	XXL
WAN0940	XXXL



RAIN SUIT - PVC YELLOW

- 2 pieces yellow PVC/Polyester rain suit
- Draw string hood, zipper and plastic popper buttons
- Elastic wrist trousers

Code	Size
WAN1010	M
WAN1000	L
WAN1020	XL
WAN1030	XXL
WAN1040	XXXL



SAFETY JACKET WITH LIGHTS

- Reflective Strip Markings
- Lightweight and comfortable
- Illuminated for conspicuity
- Requires 2 x AA Batteries (included)

Code
SAB0900



SAFETY - MAXI BIB

- Reflective Strip Markings
- Lightweight and comfortable

Code	Colour
SAB1000	Orange
SAB1010	Yel/Grn



SAFETY WAISTCOAT

- Reflective Strip Markings
- Lightweight and comfortable

Code	Colour
SAB1100	Orange
SAB1150	Yel/Grn



APRON & SPATS

- Chrome leather, full front welder's apron with straps
- Adjustable with straps (per pair)

Code	Item
GBL0050	Apron
GBL0080	Spats



GAS WELDING GOGGLES - FLIP FRONT

- Comfortable
- Adjustable elasticated strap
- Spare lenses are available

Code
COM0720
COM0720P



GAS WELDING GOGGLES

- Comfortable
- Adjustable elasticated strap
- Spare lenses are available

Code
COM0700



AUTO DARKENING

- Solar powered auto-darkening lens is ANSI approved
- Reaction time 1/25'000 second
- Darkness shade control 9-13 (clear state #3/4)
- Full face coverage
- Padded head bank with ratchet adjustment
- Moulded polycarbonate construction
- Spare lenses available (see below)



Code	Description
HON3022	Helmet
HON3033	Lens

AUTO DARKENING & GRINDING HELMET

- Suitable for MIG & Stick Welding
- Solar Powered Auto-Darkening Lens is ANSI Approved
- Reaction Time 1/25'000 Second
- Darkness Shade Control 9-13 (Clear State #3/4)
- Light to Dark Time 0.00004 Sec.
- Adjustable Dark to Clear Delay
- UV/IR Protection up to DIN 16 Shade at all Times



Code	Description
HON3023	Helmet
HON3024	Head Strap

FLIP FRONT WELDING HELMET

- Standard flip front welding helmet
- Adjustable head strap
- Spare head strap is available



Code	Description
HON3030	Helmet
HON3031	Head Strap

WELDING CURTAINS

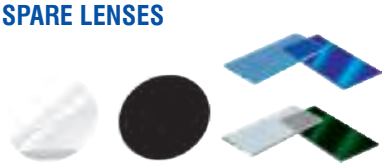
- Supplied with eyelets
- Special sizes on request



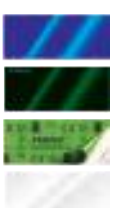
Code	Size
MAT0100	2 x 2m
MAT0110	3 x 2m

SPARE LENSES

- Spare lenses are available for selected goggles and helmets



Code	Colour	Code	Colour
SCO0500	Clear	SCO0640	Shaded
SCO0600	Clear	SCO0650	Shaded
SCO0610	Clear	SCO0660	Shaded
SCO0800	Shaded	SCO0700	Clear
SCO0625	Shaded	SCO0890	Shaded
SCO0630	Shaded	SCO0900	Shaded



HARD HATS

- Athol Safety Cap
- Jockey style
- High density polyethylene
- 6-point lining
- SABS & GME approved



Code	Colour
RHN0035	Blue
RHN0036	Green

Code	Colour
RHN0037	Red
RHN0038	White
RHN0039	Yellow

FIRST AID KIT – MINI FS-003



Contents:

1 pc -	Triangular Bandage
1 pc -	Elastic Bandage
1 Roll -	Roll Adhesive Tape
4 pcs -	Safety pins
1 pair -	Scissors
1 pc -	Mouth to mouth Mask
1 pc -	Large size band aid
1 pc -	Wet tissue (NaCl)
1 pc -	Wet tissue (soap)
1 Pc -	Non-woven swab
5 Pcs -	Band aid
1 Pc -	Nylon Bag (12.5 x 8 x 5.5cm)

Code
OMN1000

FIRST AID KIT – HOME FS-058



Contents:

2 Rolls -	Conforming bandage
10 Pcs -	Alcohol pad
3 Pcs -	Moist towelette
2 Pkts -	Gauze pad 5.1 x 5.1cm
2 Pkts -	Gauze pad 7.6 x 7.6cm
1 Pair -	Scissors
2 Pcs -	Combine Pad
5 Pcs -	Adhesive bandage
4 Pcs -	Adhesive bandage H Size
2 Pcs -	Adhesive bandage Butterfly
1 Pc -	CPR face shield
1 Pair -	Plastic tweezers
1 Pc -	Triangular bandage
10 Pcs -	Safety pins
1 Pair -	PVC gloves
2 Pcs -	Emergency blanket
1 Pc -	Cold pack
1 Pc -	Nylon bag 20.5 x 14 x 5.5cm

Code
OMN1050

FIRST AID KIT - CAR - PS-087



Contents:

1 Pc -	Adhesive tape
3 Pcs -	Wound dressing
1 Pc -	Standard dressing
2 Rolls -	Conforming bandage 6cm
3 Rolls -	Conforming bandage 8cm
1 Pair -	Scissors
3 Pcs -	Wound dressing 10 x 10cm
8 Pcs -	Adhesive plaster 6 x 10cm
2 Pcs -	Burn dressing 40 x 60cm
2 Pcs -	Burn dressing 60 x 80cm
1 Pc -	Emergency blanket
2 Pcs -	Triangular bandage
4 Pcs -	Disposable gloves
1 Pc -	First aid booklet
1 Pc -	Nylon bag 19 x 11.5 x 12.5cm

Code
OMN1100

FIRST AID KIT – STANDARD - FS-049



Contents:

1 Pc -	1Pc Triangular bandage
1 Pc -	1Pc CPR face shield
1 Pcs -	1Pcs Adhesive tape
4 Pcs -	4 Pcs Cleansing wipes
1 Pair -	1pair M-Utility scissors
2 Pcs -	2 Pcs Soap wipes
2 Pcs -	2 Pcs Emergency blanket
2 Pcs -	2 Pcs Antiseptic wipes
1 Pc -	1 Pc Combine pad
2 Pcs -	2 Pcs Alcohol wipes
2 Pkts -	2 Pkts Gauze swab
2 Pcs -	2 Pcs Film dressing
6 pair -	6 pair PVC gloves
1 Pc -	1 Pc Tweezers
1 Pc -	1 Pc Eye pad
1 Pkt -	1 Pkt Rayon balls
1 Pc -	1 Pc Cold pack
8 Pcs -	8 Pcs Elastic fabric plaster
10 Pcs -	10 Pcs Safety pins
2 Pcs -	2 Pcs First aid dressing
20 Pcs -	20 Pcs Adhesive strips
2 Pcs -	2 Pcs Bandage
4 Pairs -	4 Pairs Butterfly plasters
1 Pc -	1 Pc Nylon bag 24 x 18 x 7.5cm
4 Pcs -	4 Pcs Adhesive plaster, KN

Code
OMN1150

FIRST AID KIT - STANDARD - REG-3



Contents:

1Pc	Cotton wool 50g
1Pcs	Adhesive tape
1pair	M-Utility scissors
2 Pcs	wooden splint
1 Pc	Splint wadding
2 Pkts	Gauze swab (5Pc)
1 Pkt	Gauze swab (100Pc)
4 pair	PVC gloves
1 Pc	Tweezers
1 Pc	Wound cleaner
10 Pcs	Safety pins
20 Pcs	Adhesive strips
1 PC	Elastic fabric plaster
4 Pc	Bandage 100mm
4 Pc	Bandage 75mm
4 Pc	Stretch bandage 75mm
4 Pc	Stretch bandage 150mm
2 Pairs	Mouth to mouth resuscitation Device
4 Pc	Arm slings
1 Pc	Metal first aid box

Code
OMN1200



BARRIER FENCING

- Orange coloured
- H.D Plastic type material
- It offers no resistance to access
- This is not protective type fencing
- It is intended only to indicate a barrier



Code	Size
WAN2500	1M X 50M Roll

FIRE EXTINGUISHER

- Natex STP 1.0 kg
- Dry powder type
- Fire extinguisher for class: A,B and C type fires



Code	Size
UNS0060	1kg

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

Welding

MAT-WELD

Quality Welding Products



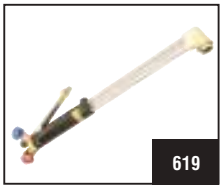
Welding

MATWELD offers a comprehensive range of welders and accessories.

The extensive range of Matweld products are guaranteed to stand up to your challenging performance demands.

From MMA to Gas and MIG to TIG we offer the latest technology and the most comprehensive technical back-up to help you with any welding job.

Matweld delivers best on price and performance.



Gas Welding & Cutting Torches



Gas Welding Regulators



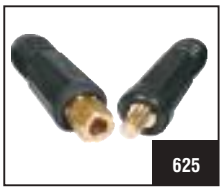
Gas Welding Nozzles



Gas Welding Accessories



Gas Welding Hose & Accessories



ARC Welding Cable Connectors



ARC Welding Earth Clamps



ARC Welding Electrode Holders



ARC Welding Gouging Torches



ARC Welding Cable



Welder's Tools & Aids



MIG Welding BNZ Torches & Accessories



MIG Welding TWC Torches & Accessories



TIG Welding Torches & Accessories



Welding Machines AC Air Cooled



Welding Machines DC Inverters



Welding Machines TIG Inverters



Welding Machines Multi-Purpose



Welding Machines MIG



Plasma Cutters & Torches



Welding Machines Oil Cooled & Accessories



Hot Box & Baking Oven



Water Cooler



Electrodes & Fillers

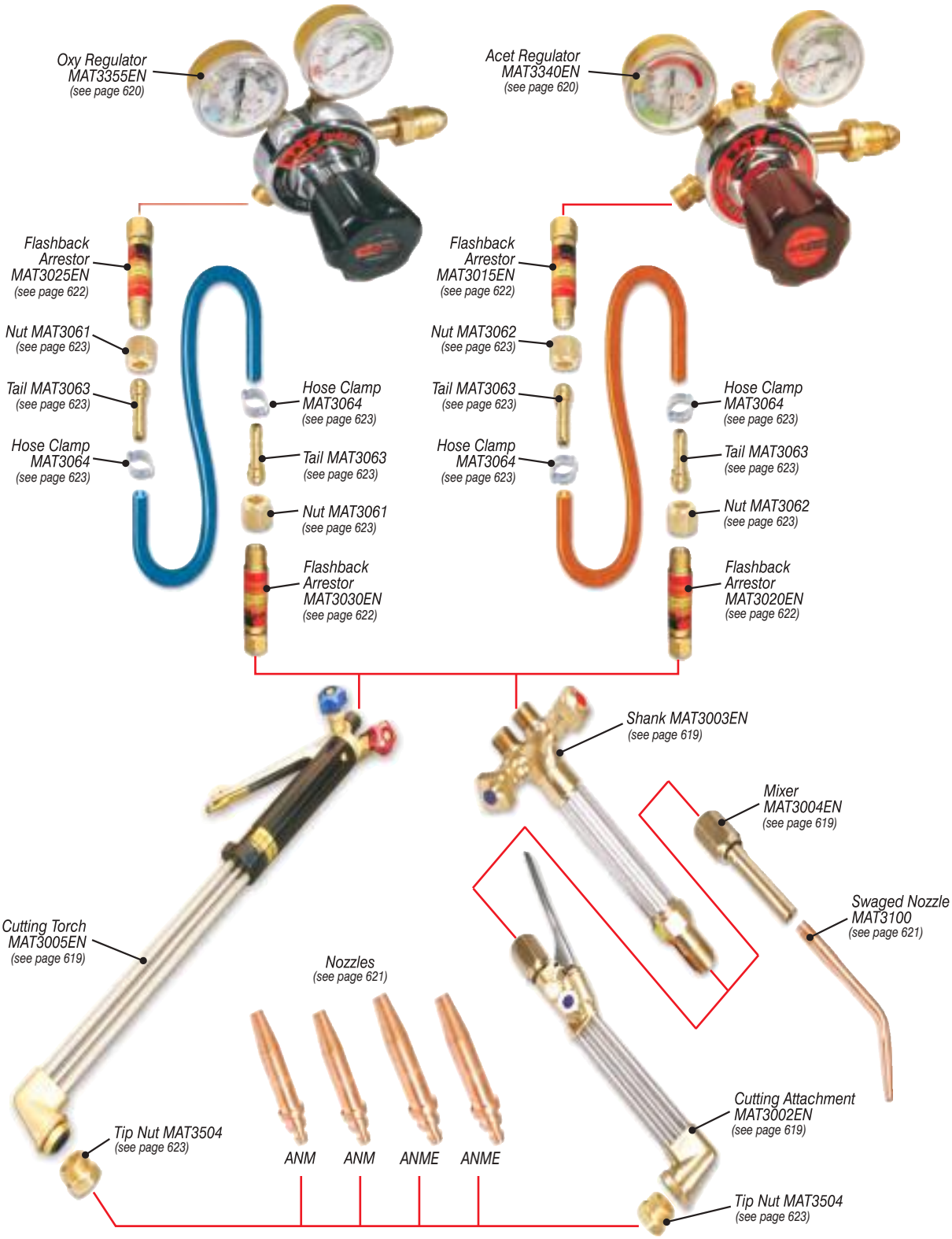
AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

MAT-WELD
Quality Welding Products

GAS welding torches & accessories

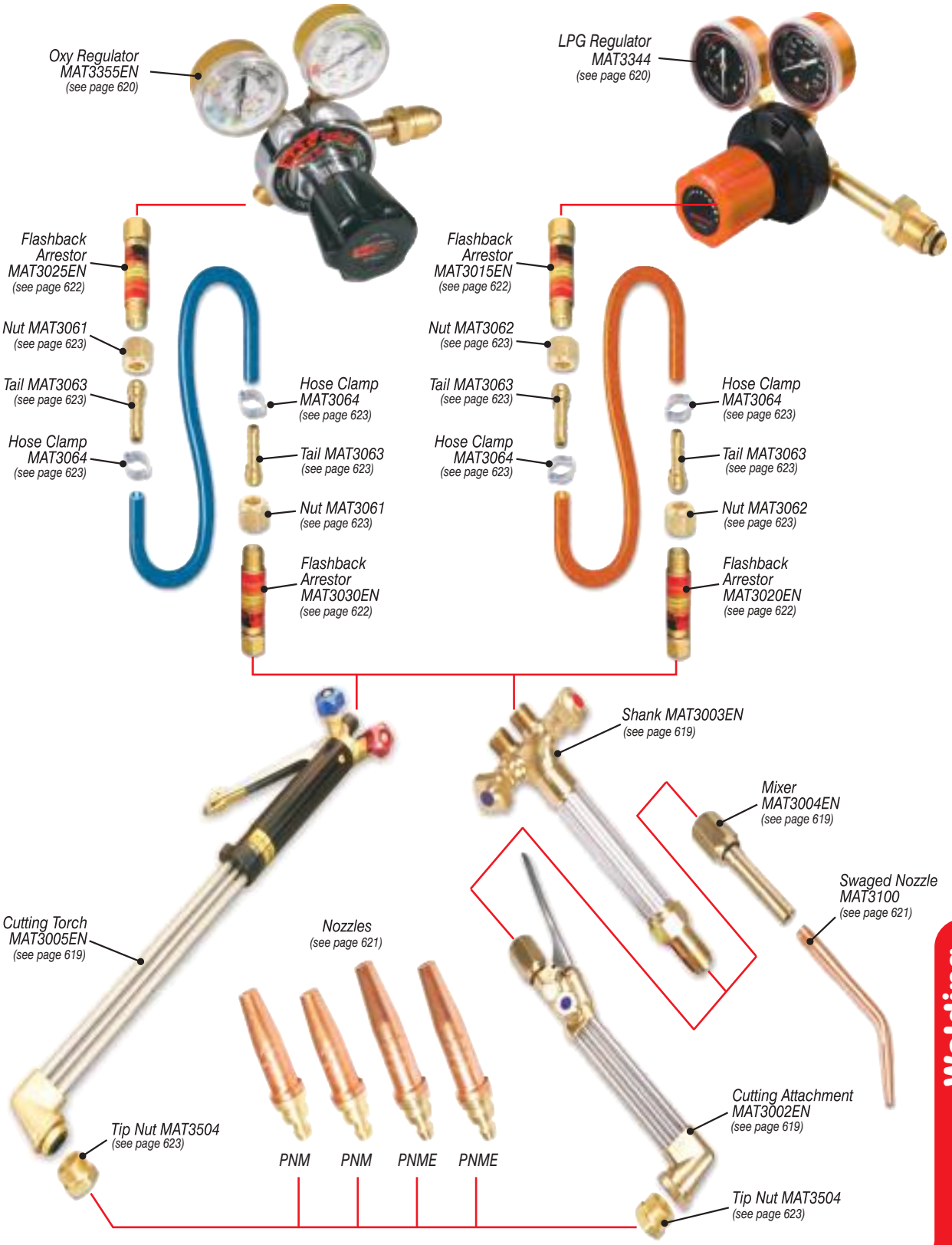
Often referred to as Oxy Fuel Cutting and Welding this process utilises the mixing of a fuel gas, most commonly LPG or Acetylene with Oxygen to produce a high heat flame.
The Oxy Acetylene process produces a flame of around 3200 degrees Celsius while the Oxy LPG flame is about 400 degrees cooler and measures approximately 2800 degrees Celsius.
Acetylene is the hottest fuel gas available to man and is generally regarded as the most effective cutting fuel.
While LPG is considerably cheaper than Acetylene it requires almost twice the amount of Oxygen to achieve its 2800 degrees.
Matweld offers a comprehensive range of Oxy LPG and Oxy Acetylene equipment and accessories and where required complies with the relevant International standards

OXY/ACETYLENE GAS WELDING & CUTTING

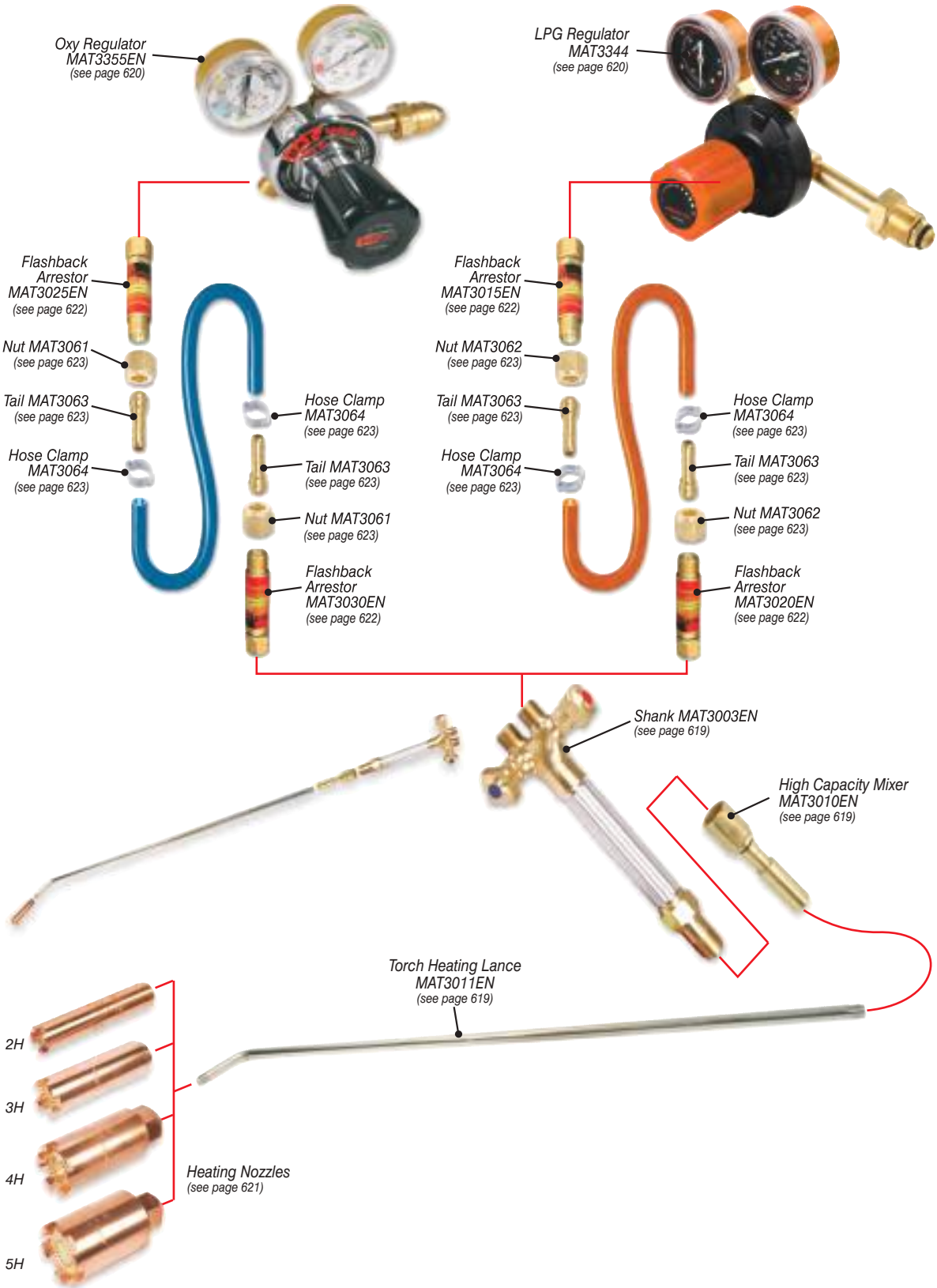


AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

OXY/LPG GAS WELDING & CUTTING



OXY/LPG HEATING



AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SINGLE VS. MULTI-STAGE REGULATORS





For Regulators see page 620

A single-stage regulator reduces the cylinder pressure to delivery or outlet pressure in one step while a multi-stage regulator performs this process in two. The performance of each is influenced by mechanical characteristics and the choice of regulator thus depends on the requirements of the application.

The two most important variables to be considered are droop and supply pressure effect.

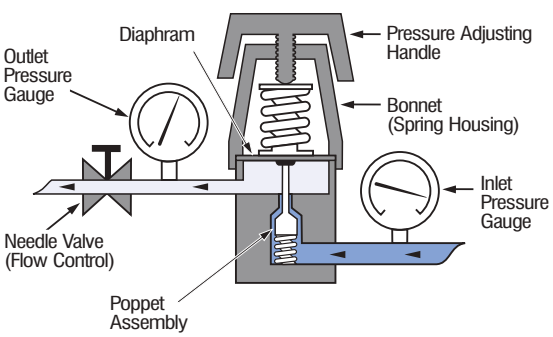
Droop is the difference in delivery pressure between zero flow conditions and the regulator's maximum flow capacity or the change in delivery pressure as flow is initiated and increased through the regulator

Supply pressure effect is the variation in delivery pressure as supply pressure decreases while the cylinder empties. In most regulators, a decrease in inlet pressure causes the delivery pressure to increase.

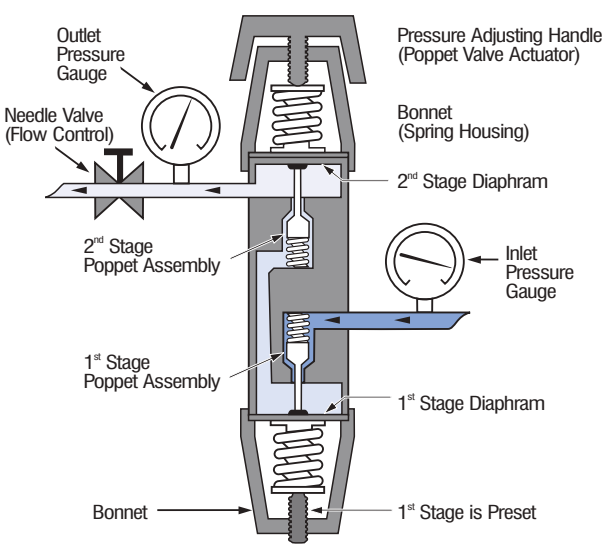
The single-stage regulator shows little droop with varying flow rates, but a relatively large supply pressure effect. This means that the regulator will have to be continuously adjusted as the cylinder empties to maintain the desired working pressure. Generally a single-stage regulator is good for short duration applications. The multi-stage regulator shows a considerable droop, but only small supply pressure effects. A multi-stage regulator, however, provides constant delivery pressure without the need for periodic readjustment. The multi-stage regulator is better suited for long duration applications.

While both regulators are safe to use when operated correctly single stage regulators are more prone to failure owing to operator error. This is primarily because the operator forgets to release the pressure on the regulator after changing cylinders.

SINGLE-STAGE REGULATOR



MULTI-STAGE REGULATOR



BLACK HANDLE CUTTING TORCH

- A streamlined cutting torch designed to ensure operator comfort
- Heavy duty cutting up to 300mm
- Top cutting lever with hold down button
- Stainless steel tubes for greater heat resistance
- Die forged 90° brass head for strength and durability
- For use with Acetylene or Propane
- Uses ANM / ANME / PNM and PNME cutting tips
- Hose connection BSP 3/8" thread

Code
MAT3005EN



CONFORMS TO EN ISO 5172

HANDLE/SHANK

- Heavy duty handle for cuts up to 200mm and welds up to 9mm
- Extruded aluminium handle
- Stainless steel needle valves for fast accurate flame adjustment
- Hose connection BSP 3/8"

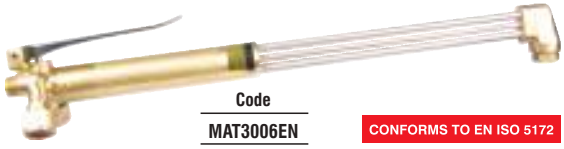


Code
MAT3003EN

CONFORMS TO EN ISO 5172

BRASS HANDLE CUTTING TORCH

- A streamlined cutting torch designed to ensure operator comfort
- Heavy duty cutting up to 300mm
- Top cutting lever
- Stainless steel tubes for greater heat resistance
- Die forged 90° brass head for strength and durability
- Uses ANM / ANME / PNM and PNME cutting tips
- For use with Acetylene or Propane
- Hose connection BSP 3/8" thread



Code
MAT3006EN

CONFORMS TO EN ISO 5172

MIXER

- For connection to MAT3003EN torch handle
- Medium pressure mixer
- Uses swaged welding nozzles (see page 621)



Code
MAT3004EN

AMERICAN STYLE CUTTING TORCH OXY ACETYLENE & OXY PROPANE

- A streamlined cutting torch designed to ensure operator comfort
- Heavy duty cutting up to 300mm
- Triangular stainless steel tubes for maximum strength
- Two stainless steel valves for fast and accurate flame adjustment
- Head mixing with built in safety plug
- MAT3007EN For use with Oxy Acetylene 6290 Tips
- MAT3008EN For use with Oxy Propane 6290-NX Tips

Code	Type
MAT3007EN	Oxy Acet
MAT3008EN	Oxy Prop



CONFORMS TO EN ISO 5172

TORCH MIXER - HIGH CAPACITY

- For connection to MAT3003EN torch handle
- High pressure mixer
- Uses heating lance (below) and heating nozzles (see page 621)

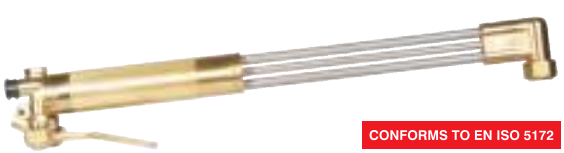


Code
MAT3010EN

AMERICAN STYLE CUTTING TORCH OXY ACETYLENE

- A streamlined torch designed to ensure operator comfort
- Heavy duty cutting up to 300mm
- For use with oxy acetylene cutting nozzles see page 622

Code
MAT3009



CONFORMS TO EN ISO 5172

TORCH HEATING LANCE

- For connection to MAT3010EN high capacity torch mixer
- Uses heating nozzles (see page 621)

Code
MAT3011EN



CUTTING ATTACHMENT

- Heavy duty cutting attachment for cuts up to 200mm
- Top cutting lever
- Stainless steel tubes for greater heat resistance
- Die forged 90° brass head for strength and durability
- Uses ANM / ANME / PNM and PNME cutting tips (see page 621)
- For use with Acetylene or Propane

Code
MAT3002EN



CONFORMS TO EN ISO 5172

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SINGLE STAGE REGULATORS

- Forged brass body for maximum strength
- Chrome bonnet
- Non removable adjustment knob
- Sintered metal filter to trap impurities
- 3/8" right hand thread outlet for oxygen
- 3/8" left hand thread outlet for acetylene
- Easy to read gauges





Code	Type
MAT3355EN	Oxygen
MAT3340EN	Acetylene

CONFORMS TO EN ISO 5172

MULTI STAGE REGULATORS

- Two regulators in one forged brass body for maximum strength
- First Stage reduces full cylinder pressure by approximately 90%
- Second stage accurately controls flow and delivery pressure
- Chrome bonnet
- Non removable adjustment knob
- Sintered metal filter to trap impurities
- 3/8" right hand thread outlet for oxygen
- 3/8" left hand thread outlet for acetylene
- Easy to read gauges





Code	Type
MAT3350EN	Oxygen
MAT3335EN	Acetylene

CONFORMS TO EN ISO 5172

MULTI STAGE GAUGELESS REGULATORS

- Two regulators in one forged brass body for maximum strength
- For use in harsh environments where gauges would be damaged
- First Stage reduces full cylinder pressure by approximately 90%
- Second stage accurately controls flow and delivery pressure
- Calibrated chrome bonnet
- Gaugeless
- Pressure displayed on piston-type indicator
- Sintered metal filter to trap impurities
- 3/8" right hand thread outlet for oxygen
- 3/8" left hand thread outlet for acetylene





Code	Type
MAT3351EN	Oxygen
MAT3356EN	Acetylene

CONFORMS TO EN ISO 5172

HEATER FLOW METER

- Forged brass body for maximum strength
- Precision engineered pressure compensated design for precise flow
- Thermostatically controlled
- Easy to read gauges
- 220 volt electric heater keeps Co^2 warm and prevents freezing
- Maximum delivery pressure 0-10 Bar
- Working pressure 0-16 Bar

Code
MAT3346



ARGON FLOW METER

- Forged brass body and bonnet for maximum strength
- Precision engineered pressure compensated design for precise flow
- Sintered metal filter to trap impurities
- 3/8" right hand thread outlet
- Easy to read gauge
- Easy to read flow tube with 360° visibility
- Suitable for MIG and TIG applications

Code
MAT3345EN



CONFORMS TO EN ISO 5172

LPG REGULATOR

- Forged brass body and bonnet for maximum strength
- Precision engineered pressure compensated design for precise flow
- Sintered metal filter to trap impurities
- 3/8" left hand thread outlet
- Easy to read gauge
- Suitable for Oxy/LPG applications
- Maximum inlet pressure 400 PSI
- Delivery pressure 2-20 PSI

Code
MAT3344



'Y' PIECES

- For connecting two hoses to the same regulator
- Suitable for use on Matweld flow meters when TIG purging
- Two needle valves for independent or dual control

Code	Type
MAT3501	Oxygen
MAT3502	Acetylene



WELDING NOZZLES

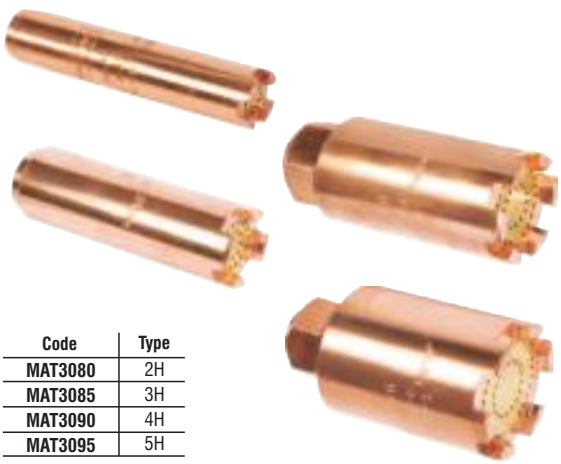
- Tips are swaged and are machined from copper
- Tip size stamped on each tip
- Tips show excellent flame shape
- For use with MAT3004EN mixer & MAT3003EN handle



Code	Tip Size	Material Thickness	Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Nozzle Length
MAT3100	3	2.0mm	1	0.15	130mm
MAT3110	5	2.6mm	1	0.15	130mm
MAT3120	7	3.2mm	1	0.15	175mm

HEATING NOZZLES

- Specially designed flame release slots prevent flashbacks
- For use with oxy propane
- For efficient heating of metals prior to welding or bending



Code	Type
MAT3080	2H
MAT3085	3H
MAT3090	4H
MAT3095	5H

ANM CUTTING NOZZLES (SHORT)

- Oxy acetylene cutting Nozzles
- For use with MAT3005EN, MAT3006EN & MAT3002EN cutting attachment



Code	Nozzle Size	Cutting Thickness (mm)	Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Nozzle Length
MAT3130	0.8mm 1/32 #1	1 to 5	1.5	0.5	75mm
MAT3131	1.2mm 3/64 #2	5 to 10	2	0.5	75mm
MAT3132	1.6mm 1/16 #3	10 to 30	2.5	1	75mm
MAT3133	2.0mm 5/64 #4	30 to 60	3	1	75mm
MAT3134	2.4mm 3/32 #5	60 to 100	3.5	1.5	75mm

ANME CUTTING NOZZLES (LONG)

- Oxy acetylene cutting nozzles
- For use with MAT3005EN, MAT3006EN & MAT3002EN cutting attachment



Code	Nozzle Size	Cutting Thickness (mm)	Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Nozzle Length	#
MAT3138	0.8mm 1/32	1 to 5	1.5	0.5	88mm	1
MAT3139	1.2mm 3/64	5 to 10	2	0.5	88mm	2
MAT3140	1.6mm 1/16	10 to 30	2.5	1	88mm	3
MAT3141	2.0mm 5/64	30 to 60	3	1	88mm	4
MAT3142	2.4mm 3/32	60 to 100	3.5	1.5	88mm	5

PNM CUTTING NOZZLES (SHORT)

- Oxy propane cutting nozzles
- Two piece cutting nozzles
- For use with MAT3005EN, MAT3006EN & MAT3002EN cutting attachment



Code	Nozzle Size	Cutting Thickness (mm)	Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Nozzle Length	#
MAT3155	0.8mm 1/32"	1 to 5	1.5	0.5	75mm	1
MAT3156	1.2mm 3/64"	5 to 10	2	0.5	75mm	2
MAT3157	1.6mm 1/16"	10 to 30	2.5	1	75mm	3
MAT3158	2.0mm 5/64"	30 to 60	3	1	75mm	4
MAT3159	2.4mm 3/32"	60 to 100	3.5	1.5	75mm	5
MAT3160	3.2mm 1/8"	100 to 200	4	1.5	75mm	6

PNME CUTTING NOZZLES (LONG)

- Oxy propane cutting nozzles
- Two piece cutting nozzles
- For use with MAT3005EN, MAT3006EN & MAT3002EN cutting attachment

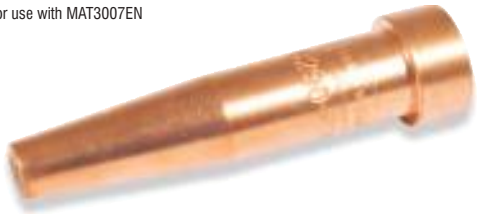


Code	Nozzle Size	Cutting Thickness (mm)	Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Nozzle Length	#
MAT3165	0.8mm 1/32"	1 to 5	1.5	0.5	92mm	1
MAT3166	1.2mm 3/64"	5 to 10	2	0.5	92mm	2
MAT3167	1.6mm 1/16"	10 to 30	2.5	1	92mm	3
MAT3168	2.0mm 5/64"	30 to 60	3	1	92mm	4
MAT3169	2.4mm 3/32"	60 to 100	3.5	1.5	92mm	5
MAT3170	3.2mm 1/8"	100 to 200	4	1.5	92mm	6

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

6290 TYPE ACETYLENE CUTTING NOZZLES

- Oxy acetylene cutting nozzles
- One piece cutting nozzles
- For use with MAT3007EN



Code	Nozzle Size	Cutting Thickness (mm)	Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Nozzle Length
MAT3180	00	5 to 10	1.5	0.5	53mm
MAT3181	0	10 to 15	2	1	53mm
MAT3182	1	15 to 25	2.5	1	53mm
MAT3183	2	25 to 50	3	1	53mm
MAT3184	3	50 to 100	3.5	1.0	53mm
MAT3185	4	100 to 175	4	1.5	53mm
MAT3186	5	175 to 250	5	1.5	53mm

6290NX PROPANE CUTTING NOZZLES

- Oxy propane cutting nozzles
- Two piece cutting nozzles
- For use with MAT3008EN



Code	Nozzle Size	Cutting Thickness (mm)	Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Nozzle Length
MAT3190	Nx00	5 to 10	1.5	0.5	57mm
MAT3191	NX0	10 to 15	2	1	57mm
MAT3192	NX1	15 to 25	2.5	1	57mm
MAT3193	NX2	25 to 50	3	1	57mm
MAT3194	NX3	50 to 100	3.5	1.0	57mm
MAT3195	NX4	100 to 175	4	1.5	57mm
MAT3196	NX5	175 to 250	5	1.5	57mm
MAT3197	NX6	250 to 300	6	1.5	57mm

2890 AMERICAN STYLE CUTTING NOZZLES

- Oxy acetylene cutting nozzles
- One piece cutting nozzles
- For use with MAT3009



Code	Nozzle Size	Cutting Thickness (mm)	Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Nozzle Length
MAT3200	2890-1F	0 to 10	1.0 to 1.5	0.20	78mm
MAT3201	2890-2F	10 to 50	1.5 to 2.5	0.30	78mm
MAT3202	2890-3F	50 to 100	3.0 to 4.5	0.50	78mm
MAT3203	2890-4F	125 to 150	5.0 to 5.5	0.70	78mm
MAT3204	2890-5F	150 to 200	5.5 to 6.0	0.70	78mm

WELDING AND CUTTING KIT

- A professional welding and cutting kit presented in a strong polypropylene carry case
- Cutting capacity of up to 200mm and a welding capacity of 9mm this is the ideal kit for precise welding, soldering, brazing and cutting

- 1- Torch handle
- 1 - Cutting attachment
- 1 - Mixer
- 1 - Single stage oxygen regulator
- 1 - Single stage acetylene regulator
- 2 - Torch mounted flashback arrestors
- 1 - ANM 0.8mm cutting nozzle
- 3 - Swaged welding nozzles (3,5,7)
- 1 - 6 metre twin hose with 3/8" fittings
- 1 - Goggles
- 1 - Flint lighter
- 1 - Nozzle cleaner



Code	Size
MAT3000EN	15 Piece

REGULATORS CONFORM TO EN ISO 2503
CUTTING TORCH CONFORMS TO EN ISO 5172
FLASHBACK ARRESTORS CONFORM TO EN 730-1:2002

FLASHBACK ARRESTORS

- For the prevention of flashback and gas reverse flow, these arrestors are available in both regulator and torch 3/8" and 9/16" mount fittings
- Fitted with both a spring loaded non-return valve to prevent gas reverse flow and a sintered stainless flame arrestor to stop and extinguish a flashback

FLASHBACK ARRESTORS CONFORM TO EN 730-1:2002



Code	Size	Type	Mount
MAT3015EN	3/8"	British	Acetylene Reg
MAT3020EN	3/8"	British	Acetylene Torch
MAT3025EN	3/8"	British	Oxygen Reg
MAT3030EN	3/8"	British	Oxygen Torch
MAT3035EN	9/16"	American	Acetylene Reg
MAT3040EN	9/16"	American	Acetylene Torch
MAT3045EN	9/16"	American	Oxygen Reg
MAT3050EN	9/16"	American	Oxygen Torch

FLINT LIGHTERS AND REFILLS

- Convenient one hand operation
- Triple flint head for prolonged service life (renewable)



Code	Type
MAT3065	Triple Flint Lighter
MAT3070	Flint Renewals

NOZZLE CLEANER

- Assorted cleaning pins in one convenient case
- Supplied with cleaning file



Code	Size
MAT3075	Long Type

CIRCLE CUTTING ATTACHMENT & RADIUS CUTTER

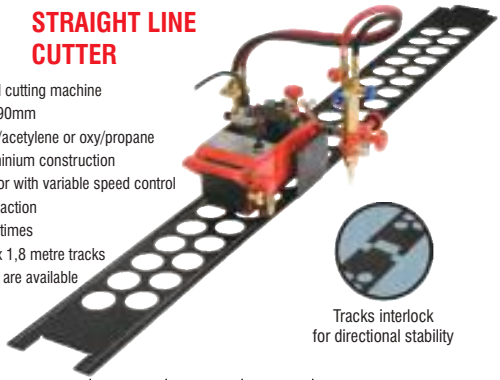
- For use with ANM or PNM nozzles
- Cutting radius of 300mm allowing for 600mm cuts



Code	Size
MAT3503	300mm Radius

STRAIGHT LINE CUTTER

- Portable oxy-fuel cutting machine
- Cutting range 6-90mm
- For use with oxy/acetylene or oxy/propane
- Lightweight aluminium construction
- High quality motor with variable speed control
- Forward reverse action
- Reduces cutting times
- Supplied with 2 x 1,8 metre tracks
- Additional tracks are available



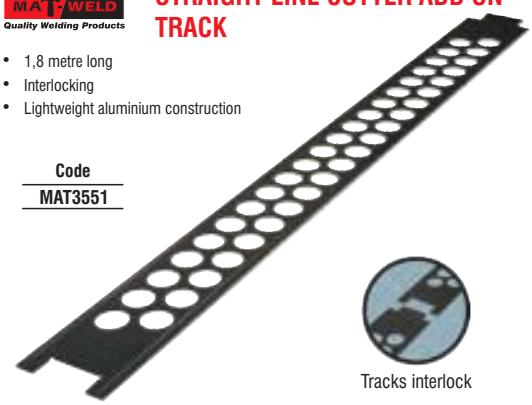
Tracks interlock for directional stability

Code	Cutting Thickness	Cutting Speed	Power	Weight	Size
MAT3550	6-90mm	150-800 mm/min	220V AC	9,5kg	350 x 140 x 175mm

STRAIGHT LINE CUTTER ADD ON TRACK

- 1,8 metre long
- Interlocking
- Lightweight aluminium construction

Code
MAT3551



Tracks interlock

TIP NUTS

- Replacement tip nut for Matweld cutting torches
- Used to secure the cutting nozzle to the cutting torch or cutting attachment



MAT3504



MAT3505



MAT3506

Code	Torch
MAT3504	MAT3005EN-MAT3006EN
MAT3505	MAT3007EN-MAT3008EN
MAT3506	MAT3009

NUTS AND TAILS

- Replacement nut and tails for oxygen and acetylene hose
- 3/8" thread size (British)
- 9/16" thread size (American)
- Oxygen thread right hand
- Acetylene thread left hand
- Tail pieces for use with 8mm ID hoses
- Use MAT3064 hose 'O' clips to secure hose to tail piece
- Care must be taken to ensure that the correct nuts are affixed to the correct hose



MAT3063/MAT3066

Code	Size/Type
MAT3061	3/8" Oxy R/H
MAT3062	3/8" Acet L/H
MAT3063	3/8" Tail Piece
MAT3066	9/16" Tail Piece
MAT3067	9/16"Oxy R/H
MAT3068	9/16" Acet L/H

MAT3061/MAT3062



MAT3067/MAT3068

BULL NOSE STEM & NUTS

- MAT3056 Bull Nose Stem universal, can be used with both Bull Nose nuts
- MAT3057 Acetylene Bull nose nut
- MAT3058 Oxygen Bull Nose nut can be used on Argon flowmeters



MAT3056

Code
MAT3056
MAT3057
MAT3058



MAT3057



MAT3058

HOSE CLAMPS

- Used to hold oxygen and acetylene hoses side by side
- Used to secure hose to tail pieces



Code	Size
MAT3064	Single
MAT3365	Parallel

OXYGEN AND ACETYLENE HOSE

- Heavy duty reinforced hose
- 8mm internal diameter
- Oxygen hose blue
- Acetylene hose red



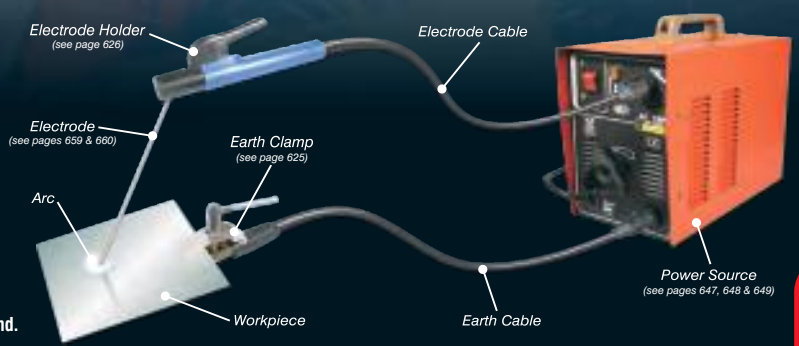
Code	Type	Size
MAT3400H	Acetylene	8mm x 100m
MAT3401H	Oxygen	8mm x 100m

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

ARC welding & accessories

MMA Arc Welding Process

Manual Metal Arc or Stick welding refers to the process of joining metals by striking an electric arc between a flux coated filler material (electrode) and the metal that needs to be welded (parent metal).
The Electrode carries the current to provide the electric arc and also provides the filler material. The flux coating burns away and provides the shielding atmosphere to protect the weld pool.
The heat generated by the arc melts both the parent metal as well as the electrode allowing the two to merge together to form a solid mass.
MMA welding remains a very popular and efficient way of joining metals and is still widely used today.



Alternating Current (AC) - An electrical current that reverses its direction at regular intervals, such as 60 cycles alternating current (AC), or 60 hertz.

Amperage - The measurement of the amount of electricity flowing past a given point in a conductor per second. Current is another name for amperage.

Arc - The physical gap between the end of the electrode and the base metal. The physical gap causes heat due to resistance of current flow and arc rays.

Current - Another name for amperage. The amount of electricity flowing past a point in a conductor every second.

Direct Current (DC) - Flows in one direction and does not reverse its direction of flow as does alternating current.

Direct Current Electrode Negative (DCEN) - The specific direction of current flow through a welding circuit when the electrode lead is connected to the negative terminal and the work lead is connected to the positive terminal of a DC welding machine. Also called direct current, straight polarity (DCSP).

Direct Current Electrode Positive (DCEP) - The specific direction of current flow through a welding circuit when the electrode lead is connected to a positive terminal and the work lead is connected to a negative terminal to a dc welding machine. Also called direct current, reverse polarity (DCRP).

Duty Cycle - The number of minutes out of a 10-minute time period an arc welding machine can be operated at maximum rated output. An example would be 60% duty cycle at 300 amps. This would mean that at 300 amps the welding machine can be used for 6 minutes and then must be allowed to cool with the fan motor running for 4 minutes. (Some manufacturers rate machines on a 5 minute cycle).

BAYONET TYPE

- Solid brass connectors
- Rubber insulation
- For joining up to 70mm² cables
- Rated 500 Amp
- *Not for connecting cables to welding machines*



Code	Type	Rating
MAT1000	Female	500 Amp
MAT1005	Male	500 Amp

DINSE TYPE 50/70

- Dinse type
- Solid brass connectors
- Rubber insulation
- For use with 50 and 70mm² cables
- Can be used to connect cables to welding machines using MAT1025 panel socket (below)



Code	Type	Rating
MAT1021	50/70 Female	500 Amp
MAT1022	50/70 Male	500 Amp

DINSE TYPE 35/50

- Dinse type
- Solid brass connectors
- Rubber insulation
- For use with 35 and 50mm² cables
- Can be used to connect cables to welding machines using MAT1025 panel socket (below)



Code	Type	Rating
MAT1015	35/50 Female	300 Amp
MAT1020	35/50 Male	300 Amp

DINSE TYPE 10/25

- Dinse type
- Solid brass connectors
- Rubber insulation
- For use with 10 and 25mm² cables
- Can be used to connect cables to welding machines using MAT1026 panel socket (below)



Code	Type	Rating
MAT1016	10/25 Female	200 Amp
MAT1017	10/25 Male	200 Amp

PANEL SOCKETS

- Replacement panel sockets for welding machines and generators
- Small size for 10/25 Dinse type cable connectors
- Large size for 35/50 and 50/70 cable connectors



MAT1025

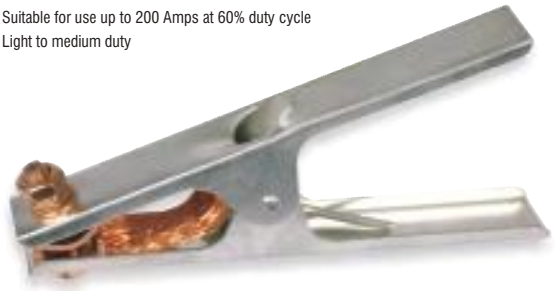


MAT1026

Code	Type	Rating
MAT1026	10/25	200 Amp
MAT1025	35/50 & 50/70	500 Amp

PLATED CROCODILE TYPE

- Suitable for use up to 200 Amps at 60% duty cycle
- Light to medium duty



Code	Type	Rating
MAT1030	Crocodile	200 Amp

PLATED CROCODILE TYPE

- Suitable for use up to 400 Amps at 60% duty cycle
- Medium to heavy duty



Code	Type	Rating
MAT1035	Crocodile	400 Amp

PLATED CROCODILE TYPE

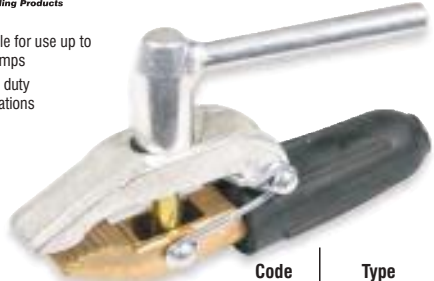
- Suitable for use up to 600 Amps at 60% duty cycle
- Heavy duty



Code	Type	Rating
MAT1045	Crocodile	600 Amp

HEAVY DUTY BRASS G-CLAMP TYPE

- Suitable for use up to 600 Amps
- Heavy duty applications



Code	Type	Rating
MAT1050	G-Clamp	600 Amp

KD STYLE

- Entry level DIY electrode holder
- Available in 300 & 500 Amp
- Suitable for home and light industrial use



Code	Type	Rating
MAT1070	KD Style	300 Amp
MAT1080	KD Style	500 Amp

K5 TYPE

- Heavy duty carbon arc air gouging torch
- Gouging, cutting, beveling & piercing metal
- Heavy duty foundry application
- 2 metre swivel cable
- Requires compressed air at 80 to 100 psi
- Weight 2.4kg



Selected gouging torch spares are available



Code	Type	Rating
MAT1280	K5 Type	1000 Amp

OPTIMUS STYLE

- Fully industrial collet type electrode holder
- Available in 300, 400 and 600 Amp
- Fully insulated jaws
- Ribbed handles for better grip and optimal cooling



Code	Type	Rating
MAT1085	Optimus Style	300 Amp
MAT1090	Optimus Style	400 Amp
MAT1095	Optimus Style	600 Amp

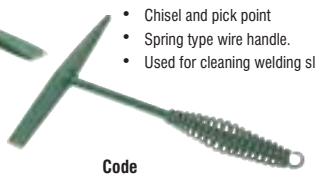
CHIPPING HAMMER

- Chisel & point end
- Comfortable spring handle



Code
HON2000

- All steel
- Chisel and pick point
- Spring type wire handle.
- Used for cleaning welding slag



Code
LAS2540

JAW TYPE

- Fully industrial jaw type electrode holder
- Available in 300 and 500 Amp



Code	Type	Rating
MAT1110	Jaw Type	300 Amp
MAT1115	Jaw Type	500 Amp

WELDER'S WIRE BRUSH

- Heavy duty steel bristles
- Wooden handle
- For cleaning mild steel before and after welding or brazing



Code	Type
SPR2070	5 Row S/Steel
SPR2060	4 Row Steel

WELDER'S WIRE BRUSH - 6 ROW

- Light duty
- Wooden handle



Code
HON0700

TWIST-LOCK TYPE

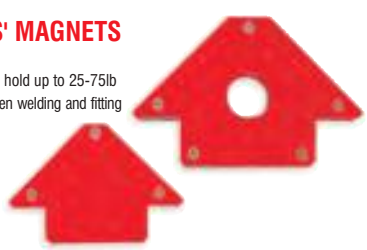
- Heavy industrial screw type electrode holder
- Available in 400 and 600 Amp
- Knurled handles for better grip and optimal cooling
- Screw type clamping mechanism ensures proper connection with electrode



Code	Type	Rating
MAT1100	Twist	300 Amp
MAT1105	Twist	500 Amp

WELDERS' MAGNETS

- Strong, powerful magnets can hold up to 25-75lb
- Hold sheet metal, pipes etc. when welding and fitting at angles of 45°, 90° and 135°
- Baked enamel finish



Code	Size
HON0835	Small
HON0836	Large

K4 TYPE

- General purpose carbon arc air gouging torch
- Gouging, cutting, beveling & piercing metal
- 15° torch angle
- 2 metre swivel cable
- Requires compressed air at 80 to 100 psi
- Weight 2.4kg



Code	Type	Rating
MAT1275	K4 Type	800 Amp

WELDING PIPE VICE - STRAIGHT - 461

- Made of durable performance-proven material
- Designed to resist strain, heat and warp age during tacking
- Machined swivel nuts and pins
- Special chain screws, give smooth trouble free assembling of the vice onto pipe

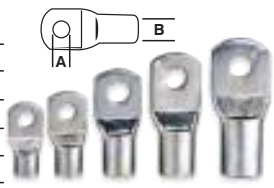


Code	Capacity
RID40220	1/2-8"

CABLE LUGS

- Manufactured from high conductivity copper which is tin plated to prevent corrosion
- Suitable for use with all welding cables, provided the correct size is selected and the relevant crimping methods are used
- Available for conductors from 16mm² to 70 mm²
- Easy to use in conjunction with mechanical or hydraulic crimping equipment

Code	Hole Ø (A)	Cable Ø (B)
MAT1300	12mm	16mm²
MAT1305	12mm	25mm²
MAT1310	12mm	35mm²
MAT1315	12mm	50mm²
MAT1320	12mm	70mm²



TEMPERATURE CRAYONS



- Calibrated at ±1% Accuracy
- Lead and Sulphur free
- Compliance with European RoHS regulations
- Simple to use; mark surface of metal with the required crayon
- Once the surface reaches the rated temperature of the crayon, the mark would melt
- For use during pre-welding, inter-pass, and post welding

Part No.	°C/°F	Pack	Part No.	°C/°F	Pack	Part No.	°C/°F	Pack
MAT1500	38/100	Box 5	MAT1510	135/275	Box 5	MAT1519	253/488	Box 5
MAT1501	52/125	Box 5	MAT1511	149/300	Box 5	MAT1520	260/500	Box 5
MAT1502	59/138	Box 5	MAT1512	163/325	Box 5	MAT1521	274/525	Box 5
MAT1503	66/150	Box 5	MAT1513	177/350	Box 5	MAT1522	288/550	Box 5
MAT1504	79/175	Box 5	MAT1514	191/375	Box 5	MAT1523	302/575	Box 5
MAT1505	93/200	Box 5	MAT1515	204/400	Box 5	MAT1524	316/600	Box 5
MAT1506	101/213	Box 5	MAT1516	218/425	Box 5	MAT1525	343/650	Box 5
MAT1507	107/225	Box 5	MAT1517	232/450	Box 5	MAT1526	371/700	Box 5
MAT1508	110/231	Box 5	MAT1518	246/475	Box 5	MAT1527	399/750	Box 5
MAT1509	121/250	Box 5						

PAINT MARKERS



- Each marker has a high quality reversible nib
- Permanent marking, lettering, coding or numbering can be made using these marker pens
- Low Chloride, Fast Drying
- Weather Resistant Marks
- Suitable for marking on metal, glass, wood, rubber, plastic etc
- The mark will withstand temperatures up to 400° C

Code	Colour
MAT1530	White
MAT1531	Yellow

WELDING CABLE



- SABS approved
- Double insulated
- 1000V



Part No.	Packing / Coil (M)	Colour	Mass kg/m	Area mm²	Dia. mm²	Current Rating / Duty Cycle (A) 100%	85%	60%	30%	10%
MAT1400	6	Green	0.203	16	9.4	83	90	105	150	184
MAT1405	30									
MAT1410	100									
MAT1415	6	Blue	0.283	25	10.7	105	113	135	191	236
MAT1420	30									
MAT1425	100									
MAT1430	10	Grey	0.384	35	12.0	139	150	180	255	311
MAT1435	30									
MAT1440	100									
MAT1445	10	Red	0.534	50	14.3	173	188	296	315	386
MAT1450	30									
MAT1455	100									

PELOX PICKLING PASTE



- This top quality paste removes all annealing colours and welding scale in the area of the HAZ
- Suitable for all grades of Stainless Steel
- Shorter Reaction Time
- Stronger Pickling Action
- Easily rinses off

Code	Size
MAT0855	2kg
MAT0860	1kg
MAT0861	12.5kg

PELOX PASSIVATING GEL



- It is a popular misconception that Pickling Paste can also perform a Passivating role
- Stainless Steel owes its corrosion resistance to a microscopic Passive Layer
- This Passive Layer needs to be restored after Pickling
- Pickling paste cannot both Pickle and Passivate

Code	Size
MAT0865	2kg
MAT0866	10kg

PELOX ALUMINIUM CLEANER



- A Highly effective Pickling Agent for Aluminum surfaces
- Also suitable for other metals and alloys (Brass)
- Odorless
- Removes Oxides, contaminations and Annealing colours
- Produces an evenly brightened surface

Code	Size
MAT0870	2kg
MAT0871	10kg

PELOX SURFACE CLEANER



- Removes annealing colours, welding scale and corrosion, traces of oil and grease from stainless steel surfaces
- Surfaces are brightened and show a brilliant optical effect
- The indicator achieves controllable spraying and reduction of the emission of poisonous and nitrous gases
- Cleaning of slightly greasy surfaces
- Control of reaction (decolorization)

Code	Size
MAT0875	2kg
MAT0876	20kg

PELOX ACID RESISTANT BRUSHES



- Special Acid resistant brushes for applying Pickling & Passivating products

Code	Size
MAT0886	1,0"
MAT0885	1,5"
MAT0887	Small

SPANJAARD FLAW & CRACK DETECTOR No. 1, 2 & 3

- Three part kit (sold separately)
- No 1 is cleaner, No 2 is penetrant, No 3 is Developer
- Available in aerosol only

Code	Item
SPN0310	No1
SPN0315	No2
SPN0320	No3



MAT-WELD Quality Welding Products COLD ZINC GALVANISING SPRAY

- Deposits a flexible, hard, 95% pure zinc coating used for the protection of steel surfaces
- Especially useful in cases where the galvanized coating on steel has been disturbed due to welding, drilling, etc

Code	Size
MAT0815	350ml



SPANJAARD COLD ZINC GALVANISING SPRAY

- Deposits a flexible, hard, 95% pure zinc coating used for the protection of steel surfaces
- Especially useful in cases where the galvanized coating on steel has been disturbed due to welding, drilling, etc

Code	Size
SPN0179	400ml



MAT-WELD Quality Welding Products ANTI SPATTER WELDING AEROSOL

- Specially formulated to prevent welding spatter
- For use with MIG / MAG welding
- Minimises clean up
- Enhances gas flow
- Available in SILICONE & NON-SILICONE

Code	Type	Size
MAT0800	Non-Silicone	400ml
MAT0805	Silicone	400ml
MAT0810	Silicone	500ml



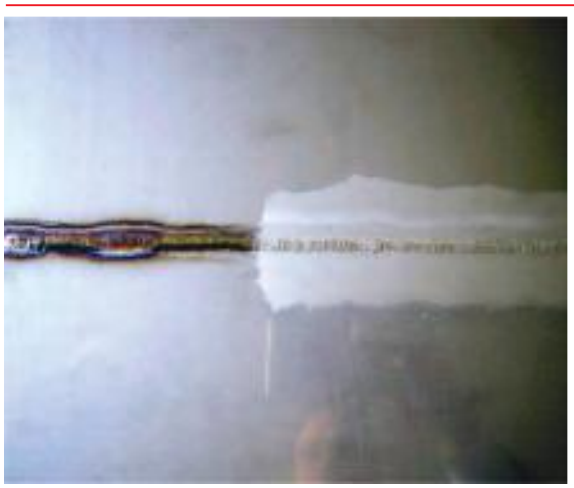
SPANJAARD NON SILICONE SPATTER RELEASE

- Provides an economical non-silicone film that prevents adherence of weld spatter around the weld zone and in the nozzle of CO2 gas shrouded welding guns
- Will not cause problems with subsequent painting / galvanising

Code	Size
SPN0627	400ml











SAFETY FIRST!

Always follow the necessary safety procedures when using MATWELD products. Wear protective clothing at all times and take note of these important points.

- Matweld products should only be used by suitably qualified and competent personnel
- Electric shock can kill - ensure that all electrical connections are safe and properly insulated
- Always inspect your equipment before use for signs of damage or wear and tear
- Ensure that all gas connections are secure and leak free
- Never operate gas equipment without suitable Flashback Arrestors
- Always adhere to the manufacturers operating instructions
- Be aware of your surroundings, sparks can ignite fires and harm you or those around you
- Arc rays can burn the skin and harm the eyes always wear suitable body and eye protection
- Fumes generated during welding or cutting can be harmful, always use in a well-ventilated area and where necessary make use of an adequate respirator





For Safety Gear see Pages 608 & 609

MAT-SAFE
Quality Safety Products

MIG welding torches & accessories



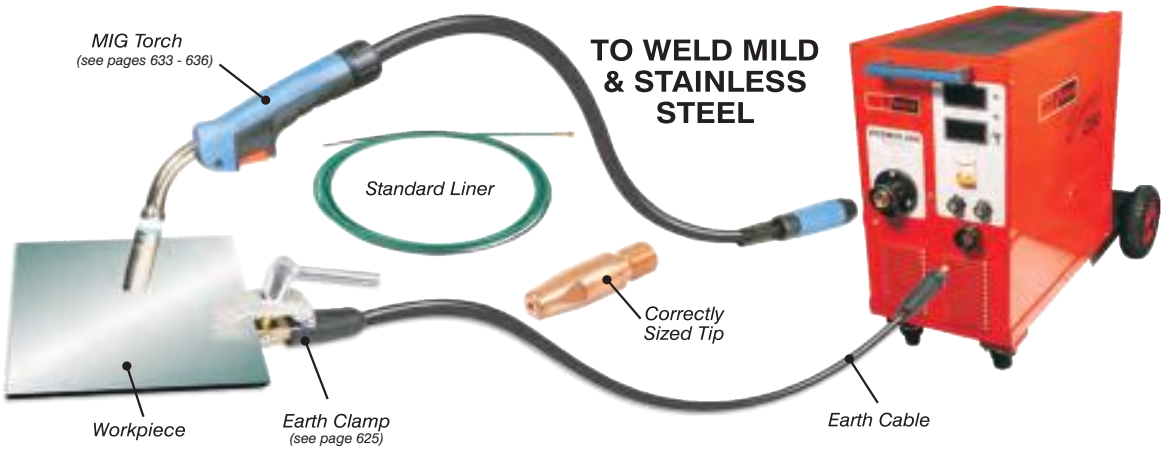
The MIG process is one of the most common methods of joining mild steel , stainless steels and aluminium used in industry today.

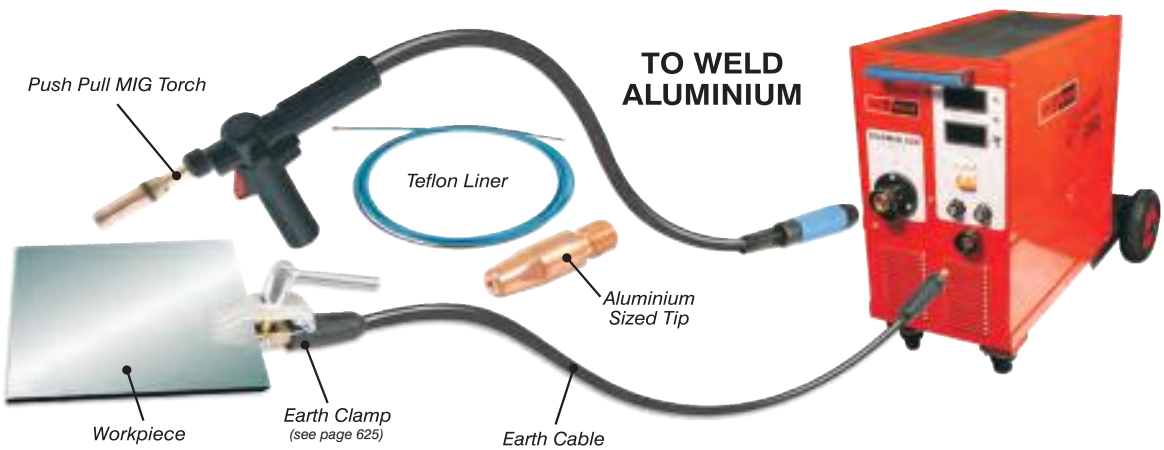
Metal Inert Gas or MIG welding gets its name from the inert shielding gas used instead of flux. It is also often referred to as CO^2 Welding owing to the fact that for many years carbon dioxide was the shielding gas of choice. Today various different mixed gasses are used , these gasses are predominantly CO^2 to which other gasses have been added to increase the efficiency of the gas.

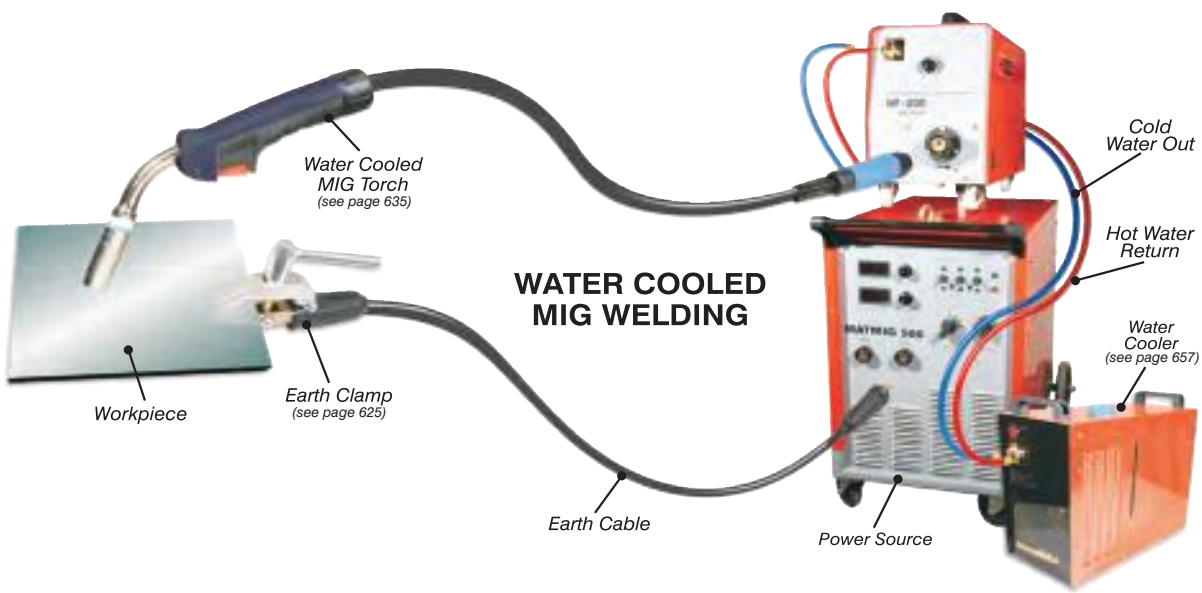
In the MIG process a roll of continuous wire is fed through a MIG Torch or Gun to the work piece. On contact with the parent metal this wire creates the arc as well as provides the filler material for the weld.

MIG welding is fast and efficient with good quality welds being achieved on most weldable materials.

MIG WELDING TORCHES & ACCESSORIES



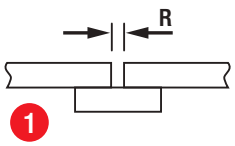


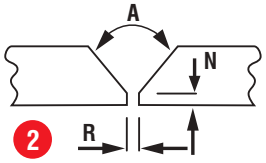


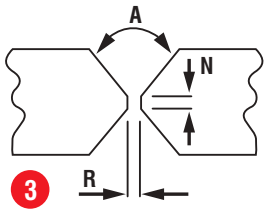
MAT-WELD
Quality Welding Products

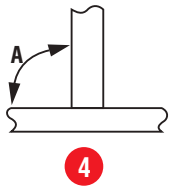
MIG WELDING TABLES

Types of Joints









Indicative data for welding carbon steel in gas atmosphere (CO_2)

THICKNESS OF METAL SHEET (MM)	TYPES OF JOINTS	TYPES OF WELDING	R (mm)	A	Ø WIRE (mm)	SPEED WIRE (m/min)	WELDING VOLTAGE (V)	WELDING CURRENT (A)	WELDING SPEED (m/min)	N°. OF PASSES
0,9	1 & 4	P.O.VD.ST	0	-	0,8	2,6	16-18	50-60	0,48-0,6	1
1,6	1 & 4	P.VD	0	-	0,8	3,4	16-19	80-90	0,6	1
2	4	P	0	-	0,8	2,9	17-19	60	0,4	1
	4	O	0	-	0,8	2,3	16-18	45	0,4	1
	4	V	0	-	0,8	3,25	15-18	65	0,5	1
	4	ST	0	-	0,8	3	16-18	60	0,45	1
2,5	4	P	0	-	0,8	6,3	18-22	115	0,7	1
	4	P	0	-	1	4,8	20-24	140	0,8	1
	4	O,V	0	-	0,8	4,1	18-20	80	0,55	1
	4	O,V	0	-	1	4,6	20-23	135	0,8	1
	4	V	0	-	0,8	5,2	17-21	100	0,6	1
	4	V	0	-	1	4,8	20-24	140	0,9	1
	4	ST	0	-	0,8	4,4	18-20	85	0,5	1
	4	ST	0	-	1	4,5	20-23	135	0,85	1
3	1	P	0,8	-	0,8	5	20	120	0,5	1
	1	VD	1,6	-	0,8	5	20	120	0,5	1
	4	P	0	-	0,8	9,9	19-23	155	0,7	1
	4	O,V	0	-	0,8	5,7	18-21	105	0,4	1
	4	V	0	-	0,8	3,5	16-18	70	0,3	1
	4	ST	0	-	0,8	5,6	18-20	105	0,4	1
	4	P	0	-	1	6,6	22-26	180	0,8	1
	4	O,V	0	-	1	4,6	20-23	135	0,5	1
	4	V	0	-	1	2,6	18-20	90	0,3	1
	4	ST	0	-	1	6	21-25	165	0,7	1
	4	P	0	-	1,2	3	20	140	0,6	1
	4	O,V	0	-	1,2	4	20-23	150	0,5	1
	4	V	0	-	1,2	2,3	17-20	100	0,4	1
	4	ST	0	-	1,2	3,2	19-22	130	0,4	1
6	2	P	0	60°	0,8	6,4	18-22	115	0,1	2
	4	O,V	0	-	0,8	6,8	19-22	140	0,2	1
	4	V	0	-	0,8	6,5	17-22	115	0,2	1
	4	ST	0	-	0,8	7	19-22	150	0,2	2
	4	P	0	-	1	4,8	20-24	140	0,2	1
	4	O,V	0	-	1	6,7	22-26	180	0,1	1
	4	V	0	-	1	3,8	20-22	120	0,2	1
	4	ST	0	-	1	4,5	20-23	135	0,2	1
	2	P	0	60°	1,2	3,3	20	150	0,3	2
	1	VD	0	-	1,2	3,3	20	150	0,3	2
	4	P	0	-	1,2	5	22-26	180	0,2	1
	4	OV	0	-	1,2	5,9	24-28	200	0,3	1
	4	V	0	-	1,2	3,9	19-22	150	0,25	1
	4	ST	0	-	1,2	4,1	20-23	155	0,2	1
	4	V	0	-	1,6	1,9	18-21	160	0,2	1
	4	ST	0	-	1,6	2	19-21	160	0,15	1
10	4	P	0	-	0,8	9,9	19-23	155	0,1	2
					0,8	6,5	18-22	115	0,07	2
	4	O,V	0	-	1	6,7	22-26	180	0,1	1
	4	V	0	-	1	5,3	20-25	150	0,1	1
	2	P	0,8	60°	1,2	3,3	19-21	150	0,2	3
	2	V	1,6	60°	1,2	3,3	19-21	150	0,2	3
	4	O,V	0	-	1,2	4,7	18-21	170	0,1	1
	4	V	0	-	1,2	3,9	20-23	150	0,1	1
	4	ST	0	-	1,2	4,1	20-23	135	0,08	2
	4	V	0	-	1,6	1,9	18-21	160	0,2	1
	4	ST	0	-	1,6	2	19-22	160	0,15	1

THICKNESS OF METAL SHEET (MM)	TYPES OF JOINTS	TYPES OF WELDING	R (mm)	A	Ø WIRE (mm)	SPEED WIRE (m/min)	WELDING VOLTAGE (V)	WELDING CURRENT (A)	WELDING SPEED (m/min)	N°. OF PASSES
12	4	O,V	0	-	1	4,6	20-23	135	0,04	3
	4	V	0	-	1	3,1	18-20	100	0,05	1
	4	ST	0	-	1	4,5	20-23	135	0,05	4
	1	V	1,6	60°	1,2	3,3	20-21	150	0,2	4
	4	O,V	0	-	1,2	4,7	18-21	170	0,1-0,2	3
	4	V	0	-	1,2	3,9	19-22	150	0,05	2
	4	ST	0	-	1,2	4,1	20-23	155	0,06	3
	2	V	1,6	60°	1,6	2	20-22	160	0,2	4
	4	V	0	-	1,6	2,3	19-22	185	0,05	1
	4	ST	0	-	1,2	2	19-22	160	0,05	4
18	2	V	1,6	60°	1,2	3,3	19-21	150	0,2	4
	1	P	0	-	1,2	4,65	20-23	170	0,03	4
	4	O,V	0	-	1,2	4,7	18-21	170	0,03	8
	4	V	0	-	1,2	3,9	19-22	150	0,03	4
	4	ST	0	-		4,1	20-23	155	0,03	9
	3	V	1,6	60°	1,6	2	20-22	160	0,2	4
	4	V	0	-	1,6	2,3	19-22	185	0,03	2
	4	ST	0	-	1,6	2	19-22	160	0,05	4

Operational Parameters for " SPRAY-ARC" welding:

THICKNESS OF METAL SHEET (MM)	TYPES OF JOINTS	TYPES OF WELDING	R (mm)	A	Ø WIRE (mm)	SPEED WIRE (m/min)	WELDING VOLTAGE (V)	WELDING CURRENT (A)	WELDING SPEED (m/min)	N°. OF PASSES
6	1	P	0,8	-	1,2	11-12	29-32	330	0,5	1
	4	O,V	0	-	1,2	5,9	24-28	200	0,3	1
10	4	P	0	-	1,0	9,2	24-28	230	0,2	2
	4	O,V	0	-	1,0	8,8	23-27	220	0,15	3
	2	P	1,6	30°	1,6	5	30-33	370	0,4	1
	4	P	0	-	1,6	5,2	31-35	250	0,2	1
	4	O,V	0	-	1,6	3,6	22-26	265	0,5	3
12	4	P	0	-	1,0	9,2	24-28	230	0,08	3
	1	P	0,8	-	1,2	12,5	30-33	330	0,4	2
	4	P	0	-	1,2	6	26-35	210	0,08	2
	4	P	0	-	1,2	8,5	29-33	270	0,1	1
	4	O,V	0	-	1,2	8,7	28-30	270	0,14	3
	2	O	1,6	30°	1,6	5,5	32-35	400	0,5	2
	4	O	0	-	1,6	3,6	25-28	270	0,08	2
	4	O	0	-	1,6	5,2	31-35	350	0,1	21
	4	O,V	0	-	1,6	3,6	22-26	265	0,08	3
18	2	P	0	50°	1,2	12,5	30-34	330	0,3	3
	4	P	0	-	1,2	7,5	38-34	300	0,05	3
	4	O,V	0	-	1,2	8,7	28-32	270	0,06	7
	4	O,V	0	-	1,6	3,6	22-26	265	0,04	8
	2	P	0	50°	1,6	6,3	32-34	400	0,3	3
	4	P	0	-	1,6	3,7	25-28	270	0,04	3
	4	P	0	-	1,6	5,3	31-35	350	0,05	2
25	4	P	0	-	1,2	7,8	32-35	300	0,04	6
	4	O,V	0	-	1,2	6,6	24-28	210	0,02	10
	4	O,V	0	-	1,2	8,7	28-32	270	0,03	10
	2	P	0	50°	1,6	6,3	33-35	430	0,3	5
	4	P	0	-	1,6	3,7	25-28	270	0,02	8
	4	P	0	-	1,6	5,3	31-35	350	0,03	4
	4	O,V	0	-	1,6	3,6	22-26	265	0,02	14
40	2	P	0	50°	1,6	6,3	32-35	430	0,3	7

NOTES:
P = Level
O = Horizontal
V = Vertical
VD = Vertical Downwards
ST = Overhead

MAT-WELD
Quality Welding Products

BNZ STYLE MIG TORCH
BNZ 15



Features
- High duty cycle
- Ergonomic design
- Lightweight for maximum operator comfort
- Compact design allows for easy access to hard to reach areas

Applications
- Light engineering
- Exhaust shops
- Panel beaters
- Sheet metal fabricators
- Burglar bar & security door manufacturers

Duty Cycle: 60%
Wire Ø: 0.6 - 1.0mm
Rating: 150 Amp Mixed Gas
Length: 4 Meters

Code	Rating
MAT5300	150A

Matweld's BNZ 15 MIG/MAG torch combines quality, design and performance to ensure optimum hassle-free operation. Quality Italian designed and manufactured power cables ensure maximum flexibility and abrasion resistance. Cable design allows for optimal cooling thus ensuring maximum duty cycles.

The BNZ 15 is ideally suited for light engineering applications. Its compact design finds favour with those in the automotive and panel repair industries who require ease of access.

MAT-WELD
Quality Welding Products

BNZ STYLE MIG TORCH
BNZ 25



Features
- High duty cycle
- Ergonomic design
- Lightweight for maximum operator comfort
- Compact design allows for easy access to hard to reach areas

Applications
- Light engineering
- Exhaust shops
- Panel beaters
- Sheet metal fabricators
- Burglar bar & security door manufacturers

Duty Cycle: 60%
Wire Ø: 0.8 - 1.2mm
Rating: 230 Amp Mixed Gas
Length: 4 Metres

Code	Rating
MAT5305	230A

Matweld's BNZ 25 MIG/MAG torch combines quality, design and performance to ensure optimum hassle-free operation. Quality Italian designed and manufactured power cables ensure maximum flexibility and abrasion resistance. Cable design allows for optimal cooling thus ensuring maximum duty cycles. The BNZ 25 is ideally suited for light to medium duty engineering applications. It's compact design finds favour with those in the automotive and panel repair industries who require ease of access.

Matweld BNZ 15 Shroud

Code	Rating/Size
MAT5100	-



Matweld BNZ 25 Shroud

Code	Rating/Size
MAT5105	-



Matweld BNZ 15 Contact Tips

Code	Rating/Size
MAT5180	M6 x 0.8mm
MAT5185	M6 x 0.9mm
MAT5190	M6 x 1.0mm



Matweld BNZ 25 Contact Tips

Code	Rating/Size	Code	Rating/Size
MAT5180	M6 x 0.8mm	MAT5190	M6 x 1.0mm
MAT5185	M6 x 0.9mm	MAT5195	M6 x 1.2mm



Matweld BNZ 15 Tip Adaptor

Code	Rating/Size
MAT5140	M6



Matweld BNZ 25 Tip Adaptor

Code	Rating/Size
MAT5145	M6



Matweld BNZ 15 Swan Neck

Code	Rating/Size
MAT5250	-



Matweld BNZ 25 Swan Neck

Code	Rating/Size
MAT5255	-



Matweld BNZ 15 Handle & Switch

Code	Rating/Size
MAT5010	Handle & Switch
MAT5015	Switch Only



Matweld BNZ 25 Handle & Switch

Code	Rating/Size
MAT5010	Handle & Switch
MAT5015	Switch Only



Matweld BNZ 15 Power Cable

Code	Rating/Size
MAT5360	4m



Matweld BNZ 25 Power Cable

Code	Rating/Size
MAT5365	4m



Matweld BNZ 15 Liner

Code	Rating/Size
MAT5050	4m 0.9-1.2mm



Matweld BNZ 25 Liner

Code	Rating/Size
MAT5050	4m 0.9-1.2mm



Matweld BNZ 15 Central Adaptor

Code	Rating/Size
MAT5000	-



Matweld BNZ 25 Central Adaptor

Code	Rating/Size
MAT5000	-



Matweld BNZ 15 Gun Body/Plug Nut

Code	Rating/Size
MAT5005	Gun Body
MAT5006	Plug Nut



Matweld BNZ 25 Gun Body/Plug Nut

Code	Rating/Size
MAT5005	Gun Body
MAT5006	Plug Nut



MAT-WELD
Quality Welding Products

BNZ STYLE MIG TORCH
BNZ 36



Features
- High duty cycle
- Ergonomic design
- Lightweight for maximum operator comfort

Applications
- Medium to heavy engineering
- Truck builders
- Ship building
- Construction

Duty Cycle: 60%
Wire Ø: 0.8 - 1.2mm
Rating: 270 Amp Mixed Gas
Length: 4 Meters

Code	Rating
MAT5310	270A

Matweld's BNZ 36 MIG/MAG torch combines quality, design and performance to ensure optimum hassle-free operation. Quality Italian designed and manufactured power cables ensure maximum flexibility and abrasion resistance. Cable design allows for optimal cooling thus ensuring maximum duty cycles.

The BNZ 36 offers the versatility of both M6 and M8 contact tips and is the perfect intermediate torch for both medium and heavy duty applications.

Matweld BNZ 36 Shroud

Code	Rating/Size
MAT5110	-



Matweld BNZ 36 Contact Tips

Code	Rating/Size	Code	Rating/Size
MAT5180	M6 x 0.8mm	MAT5200	M8 x 0.9mm
MAT5185	M6 x 0.9mm	MAT5205	M8 x 1.0mm
MAT5190	M6 x 1.0mm	MAT5210	M8 x 1.2mm
MAT5195	M6 x 1.2mm		



Matweld BNZ 36 Tip Adaptors

Code	Rating/Size	Code	Rating/Size
MAT5150	M6	MAT5155	M8



Matweld BNZ 36 Gas Diffuser

Code	Rating/Size
MAT5400	-



Matweld BNZ 36 Swan Neck

Code	Rating/Size
MAT5260	-



Matweld BNZ 36 Handle & Switch

Code	Rating/Size
MAT5010	Handle & Switch
MAT5015	Switch Only



Matweld BNZ 36 Power Cable

Code	Rating/Size
MAT5370	4m



Matweld BNZ 36 Liner

Code	Rating/Size	Code	Rating/Size
MAT5050	4m 0.9-1.2mm	MAT5056	Teflon 2.5mm
MAT5051	Teflon 1.5mm	MAT5060	4.5m 2.4mm
MAT5055	4m 1.2-2.0mm		



Matweld BNZ 36 Central Adaptor

Code	Rating/Size
MAT5000	-



Matweld BNZ 36 Gun Body/Plug Nut

Code	Rating/Size
MAT5005	Gun Body
MAT5006	Plug Nut



MAT-WELD
Quality Welding Products

BNZ STYLE MIG TORCH
BNZ 40

Features
- High duty cycle
- Ergonomic design
- Lightweight for maximum operator comfort

Applications
- Heavy engineering
- Truck builders
- Ship building
- Construction



Duty Cycle: 60%
Wire Ø: 1.0 - 2.4mm
Rating: 320 Amp Mixed Gas
Length: 4 Metres

Code	Rating
MAT5311	400A

Matweld's BNZ 40 MIG/MAG torch combines quality, design and performance to ensure optimum hassle-free operation. Quality Italian designed and manufactured power cables ensure maximum flexibility and abrasion resistance. Cable design allows for optimal cooling thus ensuring maximum duty cycles.

The BNZ 40 is ideally suited to heavy duty applications in engineering shops.

Matweld BNZ 40 Shroud

Code	Rating/Size
MAT5120	-



Matweld BNZ 40 Contact Tips

Code	Rating/Size	Code	Rating/Size
MAT5200	M8 x 0.9mm	MAT5215	M8 x 1.6mm
MAT5205	M8 x 1.0mm	MAT5220	M8 x 2.0mm
MAT5210	M8 x 1.2mm	MAT5225	M8 x 2.4mm



Matweld BNZ 40 Tip Adaptor

Code	Rating/Size
MAT5120	M8



Matweld BNZ 40 Gas Diffuser

Code	Rating/Size
MAT5405	-



Matweld BNZ 40 Swan Neck

Code	Rating/Size
MAT5261	-



Matweld BNZ 40 Power Cable

Code	Rating/Size
MAT5375	4m



Matweld BNZ 40 Liner

Code	Rating/Size
MAT5050	4m 0.9-1.2mm
MAT5051	Teflon 1.5mm
MAT5055	4m 1.2-2.0mm
MAT5056	Teflon 2.5mm
MAT5060	4.5m 2.4mm



MAT-WELD
Quality Welding Products

BNZ STYLE MIG TORCH
BNZ 501
WATER COOLED

Features
- High duty cycle
- Ergonomic design
- Lightweight for maximum operator comfort
- Optimum cooling extends torch life

Applications
- Heavy engineering
- Truck builders
- Ship building
- Construction



Duty Cycle: 100%
Wire Ø: 1.0 - 2.0mm
Rating: 500 Amp Mixed Gas
Length: 4 Metres

Code	Rating
MAT5315	500A

Matweld's BNZ 501 MIG/MAG torch combines' quality, design and performance to ensure optimum hassle free operation. Quality Italian designed and manufactured power cables ensure maximum flexibility and abrasion resistance. This water cooled torch allows for optimal cooling thus ensuring the maximum duty cycle.

The BNZ 501 is ideally suited to heavy duty applications in engineering shops.

Matweld BNZ 501 Shroud



Code	Rating/Size
MAT5115	-

Matweld BNZ 501 Contact Tips



Code	Rating/Size	Code	Rating/Size
MAT5200	M8 x 0.9mm	MAT5215	M8 x 1.6mm
MAT5205	M8 x 1.0mm	MAT5220	M8 x 2.0mm
MAT5210	M8 x 1.2mm		

Matweld BNZ 501 Tip Adaptor



Code	Rating/Size
MAT5165	M8

Matweld BNZ 501 Gas Diffuser



Code	Rating/Size
MAT5410	-

Matweld BNZ 501 Swan Neck



Code	Rating/Size
MAT5265	-

Matweld BNZ 501 Power Cables - 4m



Code	Rating/Size
MAT5380	BNZ 501 Power Cable
MAT5382	BNZ 501 Power Conduit
MAT5385	BNZ Power Gas
MAT5387	BNZ 501 Power Complete Assy

Matweld BNZ 501 Liner



Code	Rating/Size
MAT5050	4m 0.9-1.2mm
MAT5051	Teflon 1.5mm
MAT5055	4m 1.2-2.0mm
MAT5056	Teflon 2.5mm
MAT5060	4.5m 2.4mm

MAT-WELD
Quality Welding Products

TWC STYLE MIG TORCH
TWC No.4

Features
- High duty cycle
- Ergonomic design
- Lightweight for maximum operator comfort

Applications
- Heavy engineering
- Truck builders
- Ship building
- Construction



Duty Cycle: 60%
Wire Ø: 0.8 - 1.6mm
Rating: 360 Amp
Length: 4 Metres

Code	Rating
MAT5312	Euro/360A

Matweld's TWC No. 4 MIG/MAG torch combines quality, design and performance to ensure optimum hassle free operation. Quality Italian designed and manufactured power cables ensure maximum flexibility and abrasion resistance.

This Heavy Duty torch is based on the original American TWC MIG gun and all Matweld parts are fully interchangeable. The TWC No. 4 is ideally suited to heavy duty applications in engineering shops and is available with either the European style central adaptor or original TWC type connection.

Matweld TWC No4 Contact Tips



Code	Rating/Size	Code	Rating/Size
MAT5500	0.9 #4	MAT5503	1.4 #4
MAT5501	1.0 #4	MAT5504	1.6 #4
MAT5502	1.2 #4		

Matweld TWC No4 Gas Diffuser



Code	Rating/Size
MAT5570	54A #4

Matweld TWC No4 Nozzles



Code	Rating/Size
MAT5517	24CT75 #4
MAT5540	23,62 #4
MAT5545	24CT62 #4

Matweld TWC No4 Nozzle Insulator



Code	Rating/Size
MAT5543	34CT #4

Matweld TWC No4 Swan Neck



Code	Rating/Size
MAT5575	64A60 #4

Matweld TWC No4 Liner



Code	Rating/Size
MAT5580	4,5m 2.1 #4

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

TWC STYLE MIG TORCH
TWC No.5



Features
- High duty cycle
- Ergonomic design
- Lightweight for maximum operator comfort

Applications
- Heavy engineering
- Truck builders
- Ship building
- Construction

Duty Cycle: 60%
Wire Ø: 1.0 - 2.4mm
Rating: 420 Amp
Length: 4 Metres

Code	Rating
MAT5314	Euro/420A

Matweld's TWC No.5 MIG/MAG torch combines quality, design and performance to ensure optimum hassle free operation. Quality Italian designed and manufactured power cables ensure maximum flexibility and abrasion resistance.

This heavy duty torch is based on the original American TWC MIG gun and all Matweld parts are fully interchangeable. The TWC No.5 is ideally suited to heavy duty applications in engineering shops and is available with either the European style central adaptor or original TWC type connection.

Matweld TWC No5 Contact Tips



Code	Rating/Size	Code	Rating/Size
MAT5520	1.0 #5	MAT5523	1.6 #5
MAT5521	1.2 #5	MAT5524	2.0 #5
MAT5522	1.4 #5	MAT5525	2.4 #5

Matweld TWC No5 Gas Diffuser



Code	Rating/Size
MAT5557	55 #5
MAT5558	55H #5

Matweld TWC No5 Nozzles



Code	Rating/Size
MAT5552	25CT62 #5
MAT5555	25CT75 #5

Matweld TWC No4 Nozzle Insulator



Code	Rating/Size
MAT5550	35CT #5

Matweld TWC No4 Swan Neck



Code	Rating/Size
MAT5559	65A60 #5

Matweld TWC No4 Liner



Code	Rating/Size
MAT5565	2.6 x 4.5m #5

TWC CONTACT TIPS



Code	Description	Pack
MAT5500	14H35 0,9 #4	10
MAT5501	14H40 1,0 #4	10
MAT5502	14H45 1,2 #4	10
MAT5503	14H52 1,4 #4	10
MAT5504	14H116 1,6 #4	10
MAT5505	14H564 2,0 #4	10

Code	Description	Pack
MAT5520	15H40 1,0 #5	10
MAT5521	15H45 1,2 #5	10
MAT5522	15H52 1,4 #5	10
MAT5523	15H116 1,6 #5	10
MAT5524	15H564 2,0 #5	10
MAT5525	15H332 2,4 #5	10

GAS DIFFUSERS



Code	Type
MAT5570	54A MOD 4
MAT5557	55 MOD 5
MAT5558	55H MOD 5

NOZZLES / SHROUDS



Code	Description
MAT5517	24CT75 #4
MAT5540	23,62 #4
MAT5543	Insul. 34CT #4
MAT5545	24CT62 #4
MAT5550	35CT #5
MAT5552	25CT62 #5
MAT5555	25CT75 #5

LINERS



Code	Description
MAT5565	4,5m 2,6 #5
MAT5580	4,5m 2,1 #4

SWAN NECKS / CONDUCTOR TUBES



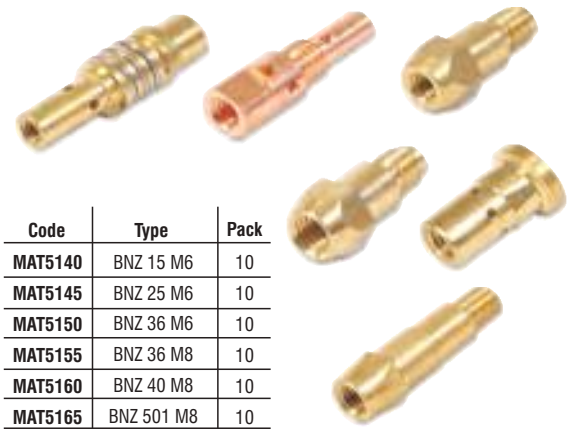
Code	Description
MAT5575	64A60 #4
MAT5559	65A60 #5

BNZ SHROUDS



Code	Type	Pack
MAT5100	BNZ 15	5
MAT5105	BNZ 25	5
MAT5110	BNZ 36	5
MAT5120	BNZ 40	5
MAT5115	BNZ 501/38	5

BNZ TIP ADAPTORS



Code	Type	Pack
MAT5140	BNZ 15 M6	10
MAT5145	BNZ 25 M6	10
MAT5150	BNZ 36 M6	10
MAT5155	BNZ 36 M8	10
MAT5160	BNZ 40 M8	10
MAT5165	BNZ 501 M8	10

BNZ CONTACT TIPS



Code	Type	Size	Pack
MAT5180	BNZ	M6 x 0.8	10
MAT5185	BNZ	M6 x 0.9	10
MAT5190	BNZ	M6 x 1.0	10
MAT5195	BNZ	M6 x 1.2	10
MAT5200	BNZ	M8 x 0.9	10

Code	Type	Size	Pack
MAT5205	BNZ	M8 x 1.0	10
MAT5210	BNZ	M8 x 1.2	10
MAT5215	BNZ	M8 x 1.6	10
MAT5220	BNZ	M8 x 2.0	10
MAT5225	BNZ	M8 x 2.4	10

BNZ GAS DIFFUSERS



Code	Type	Colour
MAT5400	BNZ 36	White
MAT5405	BNZ 40	Black
MAT5410	BNZ 501/38	White

MODES OF GMAW TRANSFER

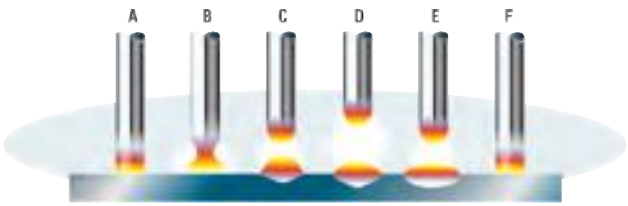
Short Circuit Transfer

In this process the wire actually short circuits or touches the base metal usually between 90 - 200 times per second.

When in short circuit transfer the wire feed speeds, voltages, and deposition rate is usually lower than with other types of metal transfer. Short circuit transfer is very versatile process allowing the welder to weld on thin or thick metals in any position.

Its limitations are a relatively low deposition rate, lack of fusion on thicker metals and increased weld spatter

A) The MIG wire is short circuited to base metal. There is no current and thus no arc.
B) There is an increase in resistance resulting in the heating of the wire. This results in the wire melting and the bottle neck effect
C) The wire separates from weld pool, creating the arc. A small piece of wire is deposited which forms a weld pool.
D) Arc length and voltage are at their maximum while the resulting heat generated by the arc is flattens the pool.
E) Wire feed speed overcomes the heat of the arc and wire approaches base metal again.
F) Arc is off and the short circuit cycle starts again.

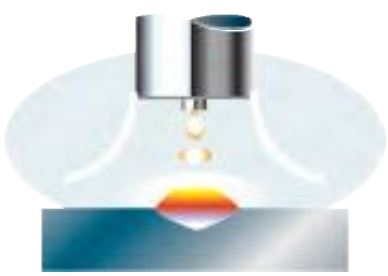


Globular Transfer

Globular transfer is the state of transfer between short-circuiting and spray arc transfer. Large globules of wire are ejected off the end of the wire and enter the weld pool.

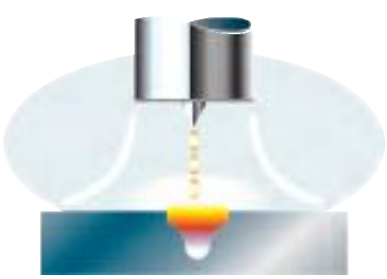
Globular transfer requires that the voltage, amperage and wire feed speed are higher than the settings for short circuit transfer.

The limitations of globular transfer are the presence of spatter. Welding is limited to flat positions and horizontally fillet welds and only for material thicker than 3mm



Spray Arc Transfer

Spray arc transfer "sprays" a stream of tiny molten droplets across the arc, from the wire to the base metal. Spray arc transfer uses higher voltage, wire feed speeds and amperage values in relation to the above mentioned transfer modes. It also requires an Argon rich shielding gas mixture. The advantage of spray arc transfer is a high deposition with good fusion and penetration. A good weld bead appearance with very little spatter. Its limitations are that it can only be used on thicker materials in the flat and horizontal positions.



TIG welding torches & accessories



GTAW or Gas Tungsten Arc Welding is more commonly referred to as TIG or Tungsten Inert Gas.

In TIG welding a non consumable Tungsten electrode (held in a TIG Torch) provides an electric welding arc with the parent metal.

Shielding Gas, most commonly Argon is delivered via the same TIG Torch to protect the weld pool. In this process welds can be made by additionally adding filler material or in the case of Fusion welding not require any additional filler.

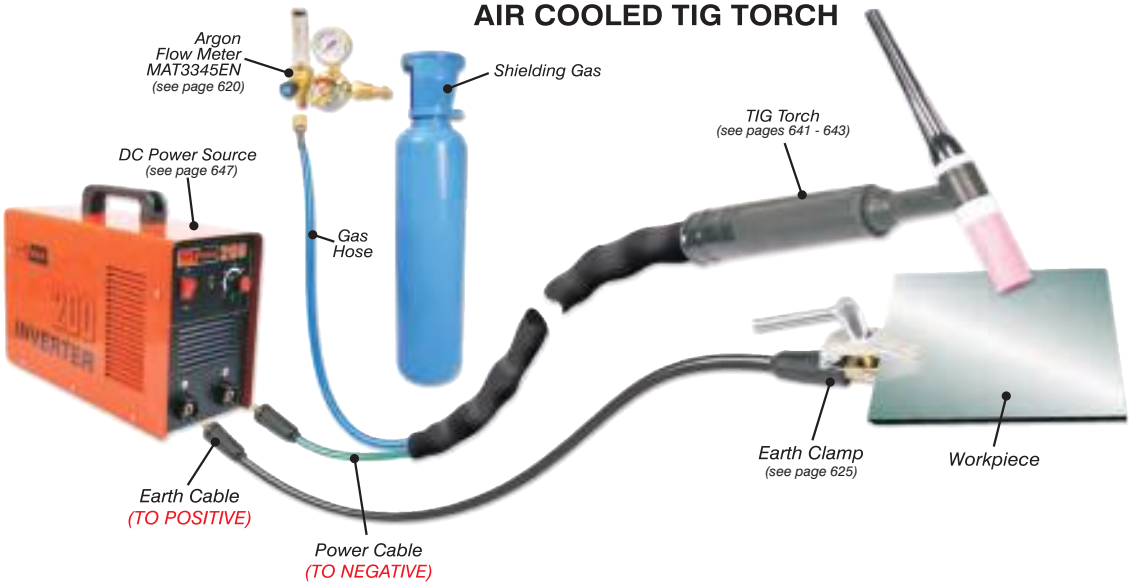
TIG welding is one of the most precise ways to join metals and is the hardest of all the processes to master.

Most materials require a DC power source to facilitate TIG welding and these can be as simple as the Matweld 160 or 200 Amp scratch start machines to purpose built TIG units such as the MAT9051K or MAT9052K.

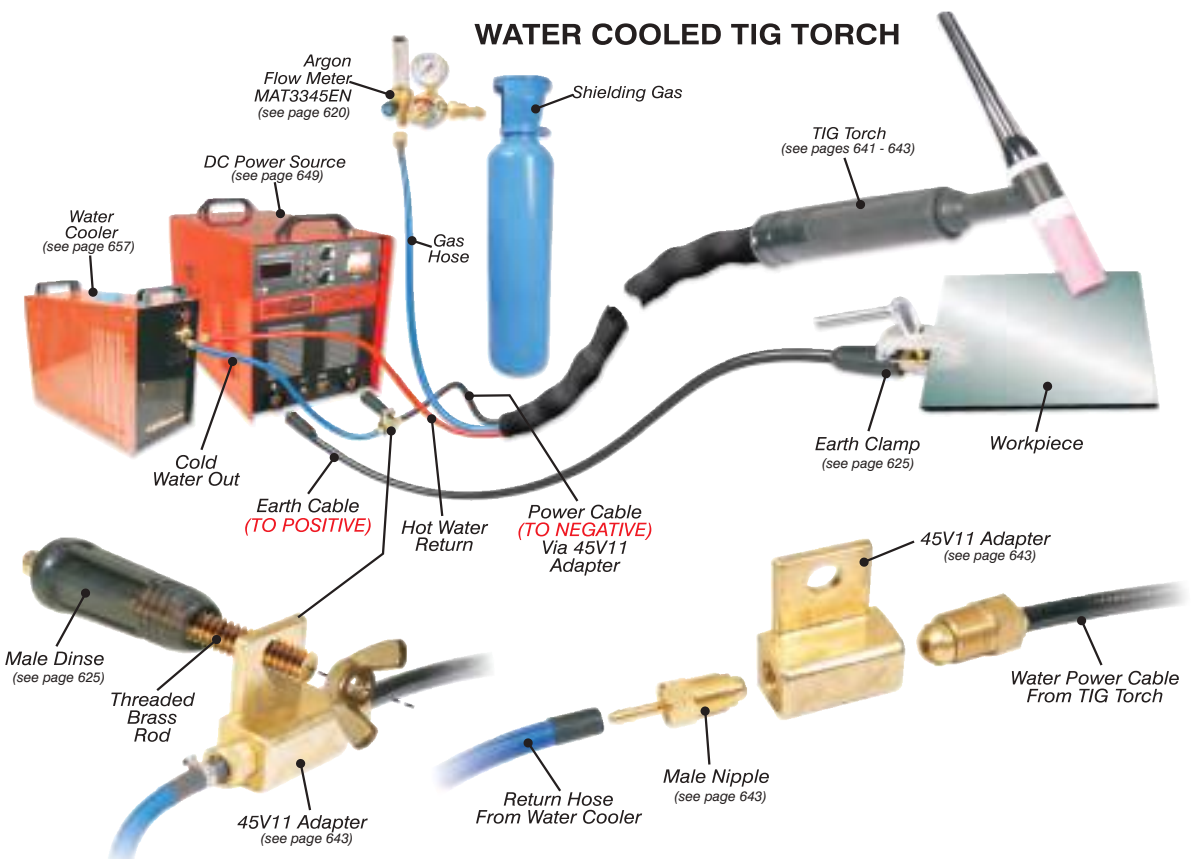
Aluminium and its alloys however require an AC/DC High Frequency unit which are generally far more expensive than their DC counterparts.

TIG WELDING TORCHES & ACCESSORIES

AIR COOLED TIG TORCH



WATER COOLED TIG TORCH



MAT-WELD
Quality Welding Products

TIG WELDING CALCULATION CHARTS

Aluminium…Manual Welding…Alternating Current - High Frequency

Metal Thickness	Joint Type	Tungsten Electrode Diameter	Filler Rod Diameter	Amperage	Gas Type
1.6mm	Butt	1.6mm	1.6mm	60-85	Argon
	Lap	1.6mm	1.6mm	70-90	Argon
	Corner	1.6mm	1.6mm	60-85	Argon
	Fillet	1.6mm	1.6mm	75-100	Argon
3.25mm	Butt	2.4mm - 3.25mm	2.4mm	125-150	Argon
	Lap	2.4mm - 3.25mm	2.4mm	130-160	Argon
	Corner	2.4mm - 3.25mm	2.4mm	120-140	Argon
	Fillet	2.4mm - 3.25mm	2.4mm	130-160	Argon
5.0mm	Butt	3.25mm - 4.0mm	3.25mm	180-225	Argon
	Lap	3.25mm - 4.0mm	3.25mm	190-240	Argon
	Corner	3.25mm - 4.0mm	3.25mm	180-225	Argon
	Fillet	3.25mm - 4.0mm	3.25mm	190-240	Argon
6.0mm	Butt	4.0mm - 6.0mm	5.0mm	240-280	Argon
	Lap	4.0mm - 6.0mm	5.0mm	250-320	Argon
	Corner	4.0mm - 6.0mm	5.0mm	240-280	Argon
	Fillet	4.0mm - 6.0mm	5.0mm	250-320	Argon

Stainless Steel…Manual Welding…Direct Current - Straight Polarity

Metal Thickness	Joint Type	Tungsten Electrode Diameter	Filler Rod Diameter	Amperage	Gas Type
1.6mm	Butt	1.6mm	1.6mm	40-60	Argon
	Lap	1.6mm	1.6mm	50-70	Argon
	Corner	1.6mm	1.6mm	40-60	Argon
	Fillet	1.6mm	1.6mm	50-70	Argon
3.25mm	Butt	2.4mm	2.4mm	65-85	Argon
	Lap	2.4mm	2.4mm	90-110	Argon
	Corner	2.4mm	2.4mm	65-85	Argon
	Fillet	2.4mm	2.4mm	90-110	Argon
5.0mm	Butt	2.4mm	3.25mm	100-125	Argon
	Lap	2.4mm	3.25mm	125-150	Argon
	Corner	2.4mm	3.25mm	100-125	Argon
	Fillet	2.4mm	3.25mm	125-150	Argon
6.0mm	Butt	3.25mm	4.0mm	135-160	Argon
	Lap	3.25mm	4.0mm	160-180	Argon
	Corner	3.25mm	4.0mm	135-160	Argon
	Fillet	3.25mm	4.0mm	160-180	Argon

Mild Steel…Manual Welding…Direct Current - Straight Polarity

Metal Thickness	Joint Type	Tungsten Electrode Diameter	Filler Rod Diameter	Amperage	Gas Type
1.6mm	Butt	1.6mm	1.6mm	60-70	Argon
	Lap	1.6mm	1.6mm	70-90	Argon
	Corner	1.6mm	1.6mm	60-70	Argon
	Fillet	1.6mm	1.6mm	70-90	Argon
3.25mm	Butt	1.6mm - 2.4mm	2.4mm	80-100	Argon
	Lap	1.6mm - 2.4mm	2.4mm	90-115	Argon
	Corner	1.6mm - 2.4mm	2.4mm	80-100	Argon
	Fillet	1.6mm - 2.4mm	2.4mm	90-115	Argon
5.0mm	Butt	2.4mm	3.25mm	115-135	Argon
	Lap	2.4mm	3.25mm	140-165	Argon
	Corner	2.4mm	3.25mm	115-135	Argon
	Fillet	2.4mm	3.25mm	140-165	Argon
6.0mm	Butt	3.25mm	4.0mm	160-175	Argon
	Lap	3.25mm	4.0mm	170-200	Argon
	Corner	3.25mm	4.0mm	160-175	Argon
	Fillet	3.25mm	4.0mm	170-200	Argon



MATWELD TIG TORCHES
17 Series



17 Series torches are supplied with a 1.6 mm Collet, Collet body, tungsten, alumina cup and long back cap.

Power cables are fitted with a 10/25 male Dinse type cable connecter for easy connection to a small panel socket such as found on the MAT9050K Inverter

The gas hose is fitted with a 3/8" right hand thread female nut and tail which connects to the MAT3345EN Argon Flowmeter or the MAT3501 'Y' piece *(see page 620)*.

Rated 150 Amps. Available in either 4 or 8 metre lengths, Matweld offers the right torch for the job every time.



Code	Rating
MAT4600	17V/150AMP 4m
MAT4605	17V/150AMP 8m

MATWELD ACCESSORIES BELOW ARE FOR TORCHES ABOVE

Matweld Alumina Cup Nozzles *MAT4000-4025*



Matweld Collets *MAT4100/05*



Matweld Oetiger Clamp *MAT4360*





Matweld Torch Head *MAT4280*

Matweld Collet Bodies *MAT4130/35*



Matweld Cup Gaskets *MAT4230 (Back)* *MAT4235 (Front)*

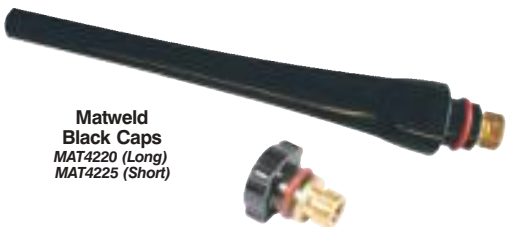
Matweld Valve *MAT4240*



Matweld Tungstens *MAT4400 - 4430*



Matweld Black Caps *MAT4220 (Long)* *MAT4225 (Short)*



Matweld Torch Handles *MAT4250/60*



Matweld Switch *MAT4335*



Matweld Switch Boots *MAT4337*



Matweld Nut, Tail & Nipple *MAT4355*



Matweld Hose & Cable Connector *MAT4361*

Part No.	Description	Ref.	Rating/ Size
MAT4000	ALUMINA CUP No 4	10N50	6mm
MAT4005	ALUMINA CUP No 5	10N49	8mm
MAT4010	ALUMINA CUP No 6	10N48	9mm
MAT4015	ALUMINA CUP No 7	10N47	11mm
MAT4020	ALUMINA CUP No 8	10N46	13mm
MAT4025	ALUMINA CUP No 10	10N45	16mm
MAT4100	COLLET 1.6	10N23	1.6mm
MAT4105	COLLET 2.4	10N24	2.4mm
MAT4130	COLLET BODY 1.6	10N31	1.6mm
MAT4135	COLLET BODY 2.4	10N32	2.4mm
MAT4220	BACK CAP LONG	57Y02	LONG
MAT4225	BACK CAP SHORT	57Y04	SHORT
MAT4235	CUP GASKET ALL TORCH FRONT	-	FRONT
MAT4240	VALVE	VS2	17V
MAT4250	HANDLE RIBBED	17V	SMALL
MAT4335	SWITCH	SW-1F	-
MAT4337	SWITCH BOOT RUBBER	-	SMALL
MAT4355	NUT & NIPPLE FEMALE	-	R/H 3/8
MAT4360	CLAMP OETIGER	-	9.5mm
MAT4361	TIG CONNECTOR CABLE/HOSE 2PC	-	2PC
MAT4280	TORCH BODY C/W HANDLE	WP17V	-
MAT4400	TUNGSTEN THORIATED 1.6 mm RED	-	1.6mm
MAT4410	TUNGSTEN ZIRCONIATED 3.2mm RED	-	3.2mm
MAT4405	TUNGSTEN THORIATED 2.4 mm RED	-	2.4mm
MAT4415	TUNGSTEN ZIRCONIATED 1.6 mm WHITE	-	1.6mm
MAT4420	TUNGSTEN ZIRCONIATED 2.4mm WHITE	-	2.4mm
MAT4425	TUNGSTEN ZIRCONIATED 3.2mm RED	-	3.2mm
MAT4430	TUNGSTEN ZIRCONIATED 4.0mm WHITE	-	4.0mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

MATWELD TIG TORCHES
26 Series



26 Series torches are supplied with a 2.4mm Collet, Collet body, tungsten, alumina cup and long back cap.

Power cables are fitted with a 35/50 male Dinse type cable connecter for easy connection to a large panel socket.

The gas hose is fitted with a 3/8th right hand thread female nut and tail which connects to the MAT3345EN Argon Flow Meter or the MAT3501 Y piece *(see page 620)*

Rated 200 AMPS

Available in either 4 or 8 metre lengths



Code	Rating
MAT4610	26V/200AMP 4m
MAT4615	26V/200AMP 8m

MATWELD ACCESSORIES BELOW ARE FOR TORCHES ABOVE

Matweld Alumina Cup Gas Lens
MAT4030-45



Matweld Alumina Cup Nozzles
MAT4000-4025

Matweld Alumina Cup Gas Lens Collet Body
MAT4175/85



Matweld Collets
MAT4100/10

Matweld Collet Bodies
MAT4130/40



Matweld Valve
MAT4240



Matweld Cup Gaskets
MAT4230 (Back)
MAT4235 (Front)



Matweld Black Caps
MAT4220 (Long)
MAT4225 (Short)



Matweld Torch Handles
MAT 4255/65



Matweld Switch
MAT4335



Matweld Switch Boots
MAT4337



Matweld Nut, Tail & Nipple
MAT4355



Matweld Hose & Cable Connector
MAT4361



Matweld Oetiger Clamp
MAT4360



Matweld Torch Heads
MAT4290
MAT4295



Matweld Tungstens
MAT4400-30



Part No.	Description	Ref.	Rating/ Size
MAT4621	Torch 26 x 4m 2 Piece C/W Switch	-	4m
MAT4000	Alumina Cup No 4	10N50	6mm
MAT4005	Alumina Cup No 5	10N49	8mm
MAT4010	Alumina Cup No 6	10N48	9mm
MAT4015	Alumina Cup No 7	10N47	11mm
MAT4020	Alumina Cup No 8	10N46	13mm
MAT4025	Alumina Cup No 10	10N45	16mm
MAT4030	Alumina Cup Gas Lens No 5	54N17	8mm
MAT4035	Alumina Cup Gas Lens No 6	54N16	10mm
MAT4040	Alumina Cup Gas Lens No 7	54N15	11mm
MAT4045	Alumina Cup Gas Lens No 8	54N14	12mm
MAT4100	Collet 1.6	10N23	1.6mm
MAT4105	Collet 2.4	10N24	2.4mm
MAT4110	Collet 3.2	10N25	3.2mm
MAT4130	Collet Body 1.6	10N31	1.6mm
MAT4135	Collet Body 2.4	10N32	2.4mm
MAT4140	Collet Body 3.2	10N28	3.2mm
MAT4175	Collet Body Gas Lens 1.6mm	45V25	1.6mm
MAT4180	Collet Body Gas Lens 2.4mm	45V26	2.4mm
MAT4185	Collet Body Gas Lens 3.2mm	45V27	3.2mm
MAT4220	Back Cap Long	57Y02	Long
MAT4225	Back Cap Short	57Y04	Short
MAT4235	Cup Gasket All Torch Front	-	Front
MAT4245	Valve	26V	-
MAT4255	Handle Ribbed	-	Large
MAT4265	Handle Smooth	18/26	Large
MAT4335	Switch	SW-1F	-
MAT4336	Boot Rubber	13/26	Large
MAT4355	Nut & Nipple Female	-	R/H 3/8"
MAT4360	Clamp Oetiger	-	9.5mm
MAT4361	Hose and Cable Connector	-	2pc
MAT4362	TIG Connector Cable/Hose 2 Piece	-	2pc
MAT4295	Torch Body 26V C/W Handle	WP26V	-
MAT4290	Torch Body 26 C/W Handle	-	-
MAT4400	Tungsten Thoriated 1.6mm Red	-	1.6mm
MAT4405	Tungsten Thoriated 2.4mm Red	-	2.4mm
MAT4410	Tungsten Thoriated 3.2mm Red	-	3.2mm
MAT4415	Tungsten Zirconiated 1.6mm White	-	1.6mm
MAT4420	Tungsten Zirconiated 2.4mm White	-	2.4mm
MAT4425	Tungsten Zirconiated 3.2mm White	-	3.2mm
MAT4430	Tungsten Zirconiated 4.0mm White	-	4.0mm

MAT-WELD
Quality Welding Products

MATWELD TIG TORCHES
18 Series
WATER COOLED



18 Series torches are supplied with a 2.4 mm Collet, Collet body, tungsten, alumina cup and long back cap.

In this water cooled torch the power cable carries not only the current but also the water for cooling. It is fitted with a large USA Male nut for connection to a 45v11 adaptor block (MAT4365)

The gas hose is fitted with a 3/8th right hand thread male nipple and tail while the water hose has a 3/8th left hand thread male nipple and tail

Rated 350 Amps Available in either 4 or 8 metre lengths, Matweld offers the right torch for the job every time.



Code	Rating
MAT4630/1	18V/350AMP 4m
MAT4635/6	18V/350AMP 8m

MATWELD ACCESSORIES BELOW ARE FOR TORCHES ABOVE

Matweld Alumina Cup Gas Lens
MAT4030-45



Matweld Alumina Cup Nozzles
MAT4000-4025

Matweld Alumina Cup Gas Lens Collet Body
MAT4175 - 4190



Matweld Collets
MAT4100/15

Matweld Collet Bodies
MAT4130/45



Matweld Adaptor Block
MAT4365



Matweld Cup Gaskets
MAT4230 (Back)
MAT4235 (Front)



Matweld Black Caps
MAT4220 (Long)
MAT4225 (Short)



Matweld Torch Handles
MAT 4250/60



Matweld Switch
MAT4335



Matweld Switch Boots
MAT4337



Nuts & Nipples
MAT4350
MAT4345



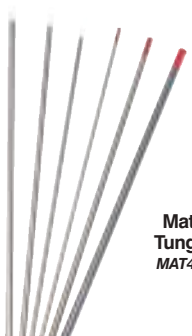
Matweld Oetiger Clamp
MAT4360



Matweld Torch Head
MAT4285



Matweld Tungstens
MAT4400-20



Part No.	Description	Ref.	Rating/ Size
MAT4631	Torch 18 x 4m C/W Switch	-	4m
MAT4636	Torch 18 x 8m C/W Switch	-	8m
MAT4000	Alumina Cup No 4	10N50	6mm
MAT4005	Alumina Cup No 5	10N49	8mm
MAT4010	Alumina Cup No 6	10N48	9mm
MAT4015	Alumina Cup No 7	10N47	11mm
MAT4020	Alumina Cup No 8	10N46	13mm
MAT4025	Alumina Cup No 10	10N45	16mm
MAT4030	Alumina Cup Gas Lens No 5	54N17	8mm
MAT4035	Alumina Cup Gas Lens No 6	54N16	10mm
MAT4040	Alumina Cup Gas Lens No 7	54N15	11mm
MAT4045	Alumina Cup Gas Lens No 8	54N14	12mm
MAT4100	Collet 1.6	10N23	1.6mm
MAT4105	Collet 2.4	10N24	2.4mm
MAT4110	Collet 3.2	10N25	3.2mm
MAT4115	Collet 4.0	54N20	4.0mm
MAT4130	Collet Body 1.6	10N31	1.6mm
MAT4135	Collet Body 2.4	10N32	2.4mm
MAT4140	Collet Body 3.2	10N28	3.2mm
MAT4145	Collet Body 4.0	406488	4.0mm
MAT4175	Collet Body Gas Lens 1.6mm	45V25	1.6mm
MAT4180	Collet Body Gas Lens 2.4mm	45V26	2.4mm
MAT4185	Collet Body Gas Lens 3.2mm	45V27	3.2mm
MAT4190	Collet Body Gas Lens 4.0mm	45V28	4.0mm
MAT4220	Back Cap Long	57Y02	Long
MAT4225	Back Cap Short	57Y04	Short
MAT4235	Cup Gasket All Torch Front	-	Front
MAT4255	Handle Ribbed	-	Large
MAT4265	Handle Smooth	-	Large
MAT4335	Switch	SW-1F	-
MAT4336	Boot Rubber	-	Large
MAT4350	Male Nut & Nipple	-	3/8" LH
MAT4345	Male Nut & Nipple	-	3/8" RH
MAT4360	Clamp Oetiger	-	9.5mm
MAT4365	Adaptor Block	45V11	
MAT4285	Torch Body 18 C/W Handle	WP18	
MAT4320	Power / Water Cable 4m	PC18	
MAT4325	Power / Water Cable 8m	PC18	
MAT4400	Tungsten Thoriated 1.6mm Red	-	1.6mm
MAT4405	Tungsten Thoriated 2.4mm Red	-	2.4mm
MAT4410	Tungsten Thoriated 3.2mm Red	-	3.2mm
MAT4415	Tungsten Zirconiated 1.6mm White	-	1.6mm
MAT4420	Tungsten Zirconiated 2.4mm White	-	2.4mm
MAT4425	Tungsten Zirconiated 3.2mm White	-	3.2mm
MAT4430	Tungsten Zirconiated 4.0mm White	-	4.0mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

ALUMINA CUP NOZZLES

- Manufactured from high strength alumina
- Displays good electrical insulation properties
- High heat and impact resistance



Part No.	Size	No.	Code
MAT4000	6mm	#4	10N50
MAT4005	8mm	#5	10N49
MAT4010	9mm	#6	10N48
MAT4015	11mm	#7	10N47
MAT4020	13mm	#8	10N46
MAT4025	16mm	#10	10N45

ALUMINA CUP GAS LENS

- Manufactured from high strength alumina
- Displays good electrical insulation properties
- High heat and impact resistance
- Vastly reduces turbulence in the shield gas stream



Part No.	Size	No.	Code
MAT4030	8mm	#5	54N17
MAT4035	10mm	#6	54N16
MAT4040	11mm	#7	54N15
MAT4045	12mm	#8	54N14

ALUMINA CUP GAS LENS COLLET BODY

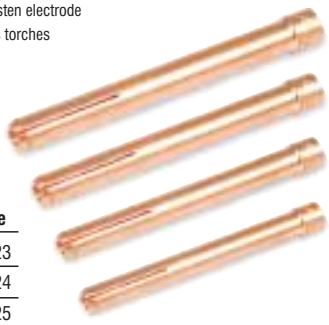
- Vastly reduces turbulence in the shield gas stream
- Used in conjunction with Matweld alumina cup gas lenses
- Allows for electrode to be extended further for better visibility



Part No.	Size	Code
MAT4175	1.6mm	45V25
MAT4180	2.4mm	45V26
MAT4185	3.2mm	45V27
MAT4190	4.0mm	45V28

COLLETS

- Used to securely clamp the tungsten electrode
- For use with 17/26 and 18 series torches



Part No.	Size	Code
MAT4100	1.6mm	10N23
MAT4105	2.4mm	10N24
MAT4110	3.2mm	10N25
MAT4115	4.0mm	54N20

COLLET BODIES

- Used to securely clamp the tungsten electrode
- For use with 17/26 and 18 series torches



Part No.	Size	Code
MAT4130	1.6mm	10N31
MAT4135	2.4mm	10N32
MAT4140	3.2mm	10N28
MAT4145	4.0mm	40B488
MAT4150	Stubby	17CB2024

TORCH HEAD

- Heavy duty copper construction
- High current capabilities and maximum heat dissipation
- Resilient silicone rubber insulation
- Replaceable teflon nozzle and cup gaskets
- All torch heads supplied with handles



Part No.	Type	Code
MAT4280	17 with Valve	WP17V

TORCH HEAD

- Heavy duty copper construction
- High current capabilities and maximum heat dissipation
- Resilient silicone rubber insulation
- Replaceable teflon nozzle and cup gaskets
- All torch heads supplied with handles



Part No.	Type	Code
MAT4295	26 with Valve	WP26V

TORCH HEAD

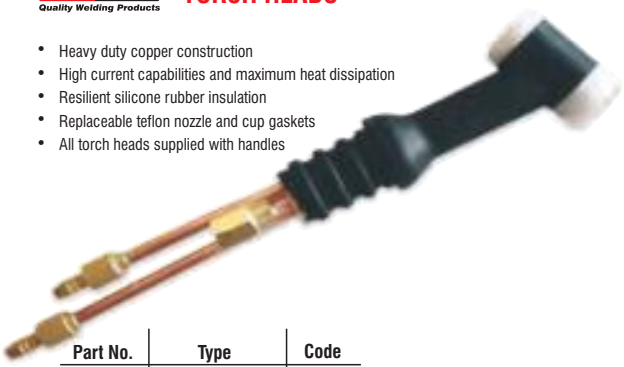
- Heavy duty copper construction
- High current capabilities and maximum heat dissipation
- Resilient silicone rubber insulation
- Replaceable teflon nozzle and cup gaskets
- All torch heads supplied with handles



Part No.	Type	Code
MAT4290	26 no Valve	Wp26

TORCH HEADS

- Heavy duty copper construction
- High current capabilities and maximum heat dissipation
- Resilient silicone rubber insulation
- Replaceable teflon nozzle and cup gaskets
- All torch heads supplied with handles



Part No.	Type	Code
MAT4285	18 no Valve	WP18

TORCH HANDLES

- Available in both smooth and ribbed handles



Part No.	Size	Handle
MAT4250	17V	Ribbed
MAT4255	18/26/26V	Ribbed
MAT4260	17V	Smooth
MAT4265	18/26/26V	Smooth

BACK CAPS

- For use with 17/26 and 18 series torches



Part No.	Type	Code
MAT4220	Long	57Y02
MAT4225	Short	57Y04

SWITCH & SWITCH BOOTS

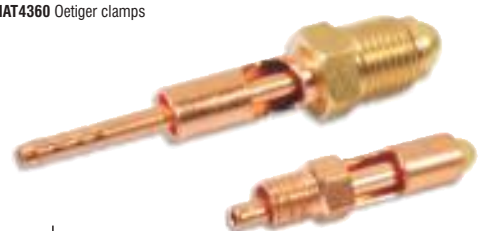
- Rubber switch boots available in large (26/18) and small (17)
- Both take same switch **MAT4335**



Part No.	Size
MAT4336	18/26
MAT4337	17
MAT4335	17/18/26

2 PCE HOSE & CABLE CONNECTORS

- Two piece connector connects current cable and gas hose to torch head
- Use **MAT4360** Oetiger clamps



Part No.	Size
MAT4361	17
MAT4362	26

OETIGER CLAMP

- One piece clamp crimps hose securely onto connectors and tails



Part No.	Size
MAT4360	9.5mm

NUTS, TAILS & NIPPLES

- Male nipple and tails with left or right hand threads
- Female 3/8" thread nut and tail for connection to argon flow meter
- Use **MAT4360** Oetiger clamps



Part No.	Type	Size
MAT4345	Male RH	3/8"
MAT4350	Male LH	3/8"
MAT4355	Femaile RH	3/8"

TUNGSTEN ELECTRODES

- Highest quality ground finish
- 2% thoriated (red tip) for mild & stainless steel
- 2% zirconiated (white tip) for aluminium
- 150mm long



Part No.	Size
MAT4400	1.6 Red
MAT4405	2.4 Red
MAT4410	3.2 Red
MAT4415	1.6 White
MAT4420	2.4 White
MAT4425	3.2 White
MAT4430	4.0 White

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

welding machines

Over the last 6 years Matweld has built up a solid reputation for providing quality affordable Welding machines. Offering solutions from entry level DIY oil cooled welders to state of the art Inverter based TIG machines the Matweld range offers the right machine for the job at hand. Matweld welding machines are sourced from both local and overseas suppliers and are often modified to meet the needs of local conditions. Matweld Welders carry a one year warranty on parts and workmanship and are backed up by service departments in the four major centres around South Africa



SINGLE PHASE 220V AC AIR COOLED ARC WELDER - MMA - 180A

- Suitable for DIY and light engineering applications
- Moveable core transformer type welder
- Thermal overload protection
- **Supplied with welding cables, face shield, chipping hammer/brush**



Technical Data	ARC1200 MAT9040
Input Power Voltage	Single Phase AC 220V
No Load Voltage	47 - 50V
Output Current Range	60 - 180A
Electrode Sizes	2.0 - 4.0mm
Duty Cycle %	10%
Weight	21Kg
Dimensions (LWH)	520 x 220 x 335mm



SINGLE PHASE 220V DC INVERTERS MMA / TIG - 200A

- Compact and lightweight
- Stable Arc with excellent striking capabilities
- Hot Start MMA
- Over Voltage and Over Current protection
- Carry Handle and Convenient Shoulder strap
- Suitable for Scratch Start TIG welding
- **Supplied with welding cables**



Technical Data	ARC 200 MAT9055K
Input Power Voltage	Single Phs AC220V±10%
Rated Input Power Capacity	5.3 KVA
No Load Voltage	63V
Output Current Range	20-200A
Rated Output Voltage	26.2
Duty Cycle %	60%
Weight	8kg
Dimensions (LWH)	371 x 155 x 295mm



SINGLE PHASE 220V DC INVERTERS MMA / TIG - 160A

- Compact and lightweight
- Stable Arc with excellent striking capabilities
- Hot Start MMA
- Over Voltage and Over Current protection
- Carry Handle and Convenient Shoulder strap
- Suitable for Scratch Start TIG welding
- **Supplied with welding cables**



Technical Data	ARC160 MAT9050K
Input Power Voltage	Single Phs AC220V±10%
Rated Input Power Capacity	5.3 KVA
No Load Voltage	56V
Output Current Range	20-155A
Rated Output Voltage	26.2
Duty Cycle %	60%
Weight	8Kg
Dimensions (LWH)	371 x 155 x 295mm



SINGLE PHASE 220V DC INVERTERS MMA / TIG - 160A WITH VRD

- Compact and lightweight
- Stable Arc with excellent striking capabilities
- Hot Start MMA
- Over Voltage and Over Current protection
- Carry Handle and Convenient Shoulder strap
- Suitable for Scratch Start TIG welding
- **Supplied with welding cables**



- VRD stands for Voltage Reduction Device
- A VRD reduces the maximum open circuit voltage across the output terminals to below 15 volts
- This is a safety requirement of most mines in South Africa when the unit is to be operated underground or in damp conditions
- The presence of a VRD can however cause difficulty in the striking and re-striking of the arc with less skilled operators. This is because the machine has to rapidly change from the reduced open circuit voltage of below 15 volts to the open circuit voltage of around 56 volts necessary to strike the arc.

Technical Data	ARC160 MAT9050VRD
Input Power Voltage	Single Phs AC220V±10%
Rated Input Power Capacity	5.3 KVA
No Load Voltage	9V
Output Current Range	20-155A
Rated Output Voltage	26.2
Duty Cycle %	60%
Weight	8Kg
Dimensions (LWH)	371 x 155 x 295mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SINGLE PHASE 220V DC INVERTERS MMA / TIG - 200A WITH VRD

- Compact and lightweight
- Stable Arc with excellent striking capabilities
- Hot Start MMA
- Over Voltage and Over Current protection
- Carry Handle and Convenient Shoulder strap
- Suitable for Scratch Start TIG welding
- **Supplied with welding cables**



- VRD stands for Voltage Reduction Device
- A VRD reduces the maximum open circuit voltage across the output terminals to below 15 volts
- This is a safety requirement of most mines in South Africa when the unit is to be operated underground or in damp conditions
- The presence of a VRD can however cause difficulty in the striking and re-striking of the arc with less skilled operators. This is because the machine has to rapidly change from the reduced open circuit voltage of below 15 volts to the open circuit voltage of around 56 volts necessary to strike the arc.

Technical Data	ARC 200 MAT9055VRD
Input Power Voltage	Single Phs AC220V±10%
Rated Input Power Capacity	5.3 KVA
No Load Voltage	9V
Output Current Range	20-200A
Rated Output Voltage	26.2
Duty Cycle %	60%
Weight	8kg
Dimensions (LWH)	371 x 155 x 295mm

SINGLE PHASE 220V DC INVERTER IGBT MMA / TIG - 220A

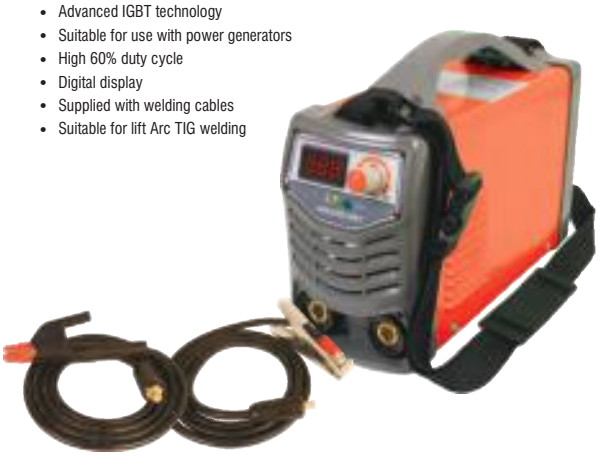
- Advanced IGBT technology
- Suitable for use with power generators
- High 60% duty cycle
- Digital display
- Supplied with welding cables
- Suitable for lift Arc TIG welding



Technical Data	MAT-ARC210 IGBT MAT9046
Input Power Voltage	220V ±15%
Frequency	50/60HZ
Rated Input Power Capacity	7.5 KVA
No Load Voltage	65V
Output Current Range	26-220A
Rated Output Voltage	28.5V
Duty Cycle %	60%
Dimensions (LWH)	350 x 140 x 260mm
Weight	7.5 Kg
Welding Rod Diameter	2.5 - 4.0mm

SINGLE PHASE 220V DC INVERTER IGBT MMA / TIG - 170A

- Advanced IGBT technology
- Suitable for use with power generators
- High 60% duty cycle
- Digital display
- Supplied with welding cables
- Suitable for lift Arc TIG welding



Technical Data	MAT-ARC170 IGBT MAT9045
Input Power Voltage	220V ±15%
Frequency	50/60HZ
Rated Input Power Capacity	4.9 KVA
No Load Voltage	65V
Output Current Range	15 - 170A
Rated Output Voltage	20.8V - 26.8V
Duty Cycle %	60%
Dimensions (LWH)	360 x 138 x 200mm
Weight	7.2 Kg
Welding Rod Diameter	2.0 - 3.15mm

THREE PHASE 380V DC INVERTERS MMA / TIG / GOUGING - 250A

- Stable Arc with excellent striking capabilities
- Hot Start MMA
- Over Voltage and Over Current protect
- Adjustable Arc Force
- Suitable for Scratch Start TIG welding
- Carbon Arc Gouging capabilities with 500 Amp unit
- Digital display
- Supplied with welding cables
- Remote control units available separately



Technical Data	MAT-ARC 250 MAT9056K
Input Power Voltage	380V ±10%
Frequency	50/60HZ
Rated Input Power Capacity	9.5 KVA
No Load Voltage	15V (VRD)
Output Current Range	20 - 250A
Rated Output Voltage	30V
Duty Cycle %	60%
No-load Consumption	60W
Efficiency	85%
Arc Force Adjustment	0 - 60A
Welding Rod Diameter	1.6 - 4.0mm
Weight	18Kg
Dimensions (LWH)	490 x 200 x 340mm

THREE PHASE 380V DC INVERTERS MMA / TIG / GOUGING - 300A

- Stable Arc with excellent striking capabilities
- Hot Start MMA
- Over Voltage and Over Current protect
- Adjustable Arc Force
- Suitable for Scratch Start TIG welding
- Carbon Arc Gouging capabilities with 500 Amp unit
- Digital display
- Supplied with welding cables
- Remote control units available separately



Technical Data	MAT-ARC 300 MAT9057K
Input Power Voltage	380V ±10%
Frequency	50/60HZ
Rated Input Power Capacity	12.1 KVA
No Load Voltage	15V (VRD)
Output Current Range	20 - 300A
Rated Output Voltage	32V
Duty Cycle %	60%
No-load Consumption	60W
Efficiency	85%
Arc Force Adjustment	0 - 60A
Welding Rod Diameter	1.6 - 5.0mm
Weight	19Kg
Dimensions (LWH)	540 x 210 x 340mm

THREE PHASE 380V DC INVERTERS MMA / TIG / GOUGING - 500A

- Stable Arc with excellent striking capabilities
- Hot Start MMA
- Over Voltage and Over Current protect
- Adjustable Arc Force
- Suitable for Scratch Start TIG welding
- Carbon Arc Gouging capabilities with 500 Amp unit
- Digital display
- Supplied with welding cables
- Remote control units available separately



Technical Data	MAT-ARC 500 MAT9058K
Input Power Voltage	380V ±10%
Frequency	50/60HZ
Rated Input Power Capacity	25.3 KVA
No Load Voltage	15V (VRD)
Output Current Range	20 - 500A
Rated Output Voltage	40V
Duty Cycle %	60%
No-load Consumption	100W
Efficiency	85%
Arc Force Adjustment	0 - 130A
Welding Rod Diameter	1.6 - 6.0mm
Weight	38Kg
Dimensions (LWH)	570 x 330 x 480mm

SINGLE PHASE 220V TIG/MMA WELDER - 200A

- Compact and lightweight
- Advanced Inverter based technology
- High Frequency start TIG Welding
- Pulsed TIG facility
- Adjustable ARC Force in MMA welding
- Not suitable for Aluminum TIG welding
- **Supplied with ARC cables and TIG torch**



Stainless/Mild Steel

Technical Data	MATTIG 200 MAT9051K
Input Power Voltage	220V ±15%
Frequency	50/60HZ
Rated Input Power Capacity	4.5 KVA
No Load Voltage	56V
Output Current Range	10 - 200A
Rated Output Voltage	18V
Duty Cycle %	60%
No-load Consumption	40W
Efficiency	85%
Arc starting	HF
Welding Thickness	0.3 - 8.0mm
Post-gas	2 - 10S
Down-slope Time	0 - 5 Sec
Pulse Frequency	MF50-200 LF0.5-2
Weight	9kg
Dimensions (LWH)	435 x 205 x 350mm



THREE PHASE 380V TIG/MMA WELDER - 315A



Stainless/Mild Steel

- Compact and lightweight
- Advanced Inverter based technology
- Industrial TIG welder with adjustable parameters
- High Frequency start TIG Welding
- Pulsed TIG facility
- Adjustable ARC Force in MMA welding
- Not suitable for Aluminum TIG welding
- **Supplied with ARC cables and TIG Torch**
- Requires water cooler MAT9010 (sold separately) *see page 657*

Technical Data	MATTIG 315 MAT9052K
Input Power Voltage	3Phase AC380V ±15%
Frequency	50/60Hz
Input Current	9A
No Load Voltage	54
Output Current Range	5-315A
Rated Output Voltage	23V
Post Flow Time	1-10 Secs
Up Slope Time	0-10 Secs
Down Slope Time	0-10 Secs
Starting Current	5-315A
Down Slope Current	315-5A
Pulse Frequency (MF)	25-250Hz
Pulse Frequency (LF)	0.25-2.5Hz
PB	10-90%
Arc Initiation	HF
Insulation Class	F
Protection Class	IP23
Duty Cycle	60%
Weight	15Kg
Dimensions (LWH)	565 x 283 x 495mm

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SINGLE PHASE 220V TIG/MMA AC/DC WELDER - 200A AC/DC

- Compact and lightweight
- Advanced inverter based technology
- High frequency start TIG welding
- Pulsed TIG facility
- Adjustable Arc force in MMA welding
- Suitable for aluminium TIG welding
- Supplied with Arc cable, TIG torch and foot control
- Adjustable gas pre and post-flow
- Adjustable down slope
- 2T - 4T trigger function
- Air cooled TIG torch



Technical Data	MATTIG 200P AC/DC MAT9053K
Input Power Voltage	220V ±15%
Frequency	50/60HZ
Rated Input Power Capacity	4.6 KVA
No Load Voltage	62V
Output Current Range	10 - 200A
Rated Output Voltage	18V
Duty Cycle %	60%
Arc starting	HF
Welding Thickness	0.5 - 5.0mm
Post-gas	0 - 10 Sec
Decline Time	0 - 10 Sec
Pre-flow Time	0 - 10 Sec
Remote Control	Yes
Pulse Frequency	0.5 - 300hz



Supplied with foot control MAT9053FC3

Aluminium

THREE PHASE 380V TIG/MMA AC/DC WELDER - 315A AC/DC

- Compact and lightweight
- Advanced inverter based technology
- High frequency start TIG welding
- Pulsed TIG facility
- Adjustable Arc force in MMA welding
- Suitable for aluminium TIG welding
- Supplied with Arc cable, TIG torch and foot control
- Adjustable gas pre and post-flow
- Adjustable up and down slope
- 2T - 4T trigger function
- Water cooled TIG torch
- Requires water cooler MAT9010 (sold separately) *see page 657*



Technical Data	MATTIG 315P AC/DC MAT9054K
Input Power Voltage	380V ±10%
Frequency	50/60HZ
Rated Input Power Capacity	9.0 KVA
No Load Voltage	45V
Output Current Range	10 - 315A
Rated Output Voltage	22.6V
Duty Cycle %	60%
Arc starting	HF
Welding Thickness	0.5 - 12.0mm
Post-gas	0 - 10 Sec
Decline Time	0 - 10 Sec
Pre-flow Time	0 - 10 Sec
Remote Control	Yes
Pulse Frequency	0.5 - 300hz



Supplied with foot control MAT9053FC3

Aluminium

SINGLE PHASE 220V MULTI-PROCESS MIG/TIG/MMA - 250A

- Advanced IGBT inverter technology
- Constant current, constant voltage CC/CV
- Convenient 220V
- High 60% duty cycle at 40°C
- Three welding processes in one machine



MIG WELDING

- 250A MIG
- 2T - 4T trigger function
- Built-in wire feeder with 4 roll driver
- Wire inching facility
- 15kg spool capacity
- 0,8 - 1,0mm wires
- Suitable for mild steel, aluminium and stainless steel MIG welding

TIG WELDING

- 220A TIG
- Lift Arc TIG function
- One piece TIG torch (sold separately - see below)
- Trigger controlled gas solenoid
- Not suitable for aluminium TIG welding

MMA STICK WELDING

- 220A MMA
- DC stick welding
- Up to 4mm electrode



MAT9082K Accessory kit for MMA & MIG sold separately



MAT4675 TIG Torch sold separately

Technical Data	MULTIMIG 250 MAT9082
Input Power Voltage	220V ±15%
Frequency	50/60HZ
Rated Input Power Capacity	MMA 8.8 KVA, MIG 8.4 KVA
No Load Voltage	65V
Output Current Range	MMA 10 - 220A, MIG 50 - 250A
Rated Output Voltage	MMA 20 - 29V, MIG 16.5 - 26.5V
Duty Cycle %	60%
Suitable Welding Wire	0.8/1.0mm
Diameter of Coil	270mm
Welding Thickness	at least 0.8mm
Post-gas	1 Sec
Type of Wire Feeder	Internal

Aluminium

THREE PHASE 380/525V DUAL VOLTAGE MULTI-PROCESS MIG/TIG/MMA/GOUGING

- Advanced IGBT inverter technology
- Constant current constant voltage CC/CV
- Dual voltage 380/525V
- 4 welding processes in 1
- MIG/TIG/MMA/Gouging
- High duty cycle 60% @ 40°C
- For heavy industrial and mining applications
- Voltage reduction device VRD
- Wire feeder available separately


MIG


TIG


MMA


Gouging



Technical Data	Multi-Process 400 MAT9084K
Input voltage	380/525V ±15%
Frequency	50/60 Hz
Rated input power capacity	-
Weight	40kg

	MIG	TIG	MMA
No load voltage	75V ±5V	75V ±5V	75V ±5V
Rated output voltage	10-40V	10.4-26V	20.4-36V
Rated output current	60-400A	10-400A	60-400A
Duty cycle	60%	60%	60%



Technical Data	Multi-Process 600 MAT9085K
Input voltage	380/525V ±15%
Frequency	50/60 Hz
Rated input power capacity	35.2KVA
Weight	58kg

	MIG	TIG	MMA	ARC Gouging
No load voltage	80V ±5V	80V ±5V	80V ±5V	85V
Rated output voltage	10-44V	10.4-34V	20.4-44V	20.4-44V
Rated output current	60-600A	20-600A	20-600A	20-600A
Duty cycle	60%	60%	60%	60%

MIG WELDING

- Requires separate 4 roll wire feeder MAT9084WF (see right)
- 2T/4T trigger function
- Wire inching facility
- Suitable for flux cored wire
- Excludes MIG torch (MAT5314 air cooled) or (MAT5315 water cooled) available separately
- Excludes water cooler MAT9010 (available separately)

TIG WELDING

- Lift arc TIG function
- 10-400A (MAT9084)
- 20-600A (MAT9085)
- Not suitable for aluminum TIG welding
- Excludes TIG torch (MAT4610 air cooled or MAT4630 water cooled) available separately

MMA STICK WELDING

- DC stick welding
- Welds all electrode types
- Cables included

CARBON ARC GOUGING

- 600A unit suitable for gouging
- MAT1280 Gouging Torch available separately
- Up to 9.5mm carbons



Wire Feeder for MULTIMIG 400 & 600
MAT9084WF

Welding Wire Not Supplied (see pages 660 - 661)

ACCESSORIES REQUIRED (SOLD SEPARATELY)

TIG Welding Air Cooled
- MAT4610 or MAT4615 up to 200 Amps (see page 642)
- Flow Meter MAT3345EN (see page 620)

TIG Welding Water Cooled
- Water Cooler MAT9010 (see page 657)
- MAT4630 or MAT4631 (see page 643)
- Flow Meter MAT3345EN (see page 620)

MIG Welding Air Cooled
- Wire Feeder MAT9084WF (see right)
- MIG Torch MAT5314 (see page 636)
- Flow Meter MAT3345EN (see page 620)

MIG Welding Water Cooled
- Wire Feeder MAT9084WF (see right)
- Water Cooler MAT9010 (see page 657)
- MIG Torch MAT5315 (see page 635)
- Flow Meter MAT3345EN (see page 620)

Carbon Arc Gouging
- Gouging Torch MAT1280 (see page 663)
- Compressor Minimum 550KPa with 700 LPM (see page 90)

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SINGLE PHASE 220V INVERTER 200A & MIG WELDER

- Compact and lightweight
- Inverter based technology
- Industrial qulity in convenient 220V single phase
- For welding cargon and stainless steels as well as alluminium
- High 60% Duty cycle
- Wire diameters from 0.8mm to 1.0mm
- **MAT9080K** Accessory kit sold separately





Accessory Kit for MAT9080 & MAT9081
MAT9080K

Technical Data	MATMIG 200 MAT9080
Input Power Voltage	Single Phase AC 220V ±15%
Rated Input Power Capacity	5.1 KVA
No Load Voltage	42V
Output Current Range	50-200A
Rated Output Voltage	20.0
Duty Cycle %	60%
Weight	34kg
Dimensions	655 x 295 x 610mm

SINGLE PHASE 220V INVERTER 250A MIG WELDER

- Compact and lightweight
- Inverter based technology
- Industrial quality in convenient 220V single phase
- For welding carbon and stainless steels as well as aluminium
- High 60% Duty cycle
- Wire diameters from 0.8mm to 1.0mm
- **MAT9080K** Accessory kit sold separately





Accessory Kit for MAT9080 & MAT9081
MAT9080K

Technical Data	MATMIG 250 MAT9081
Input Power Voltage	Single Phase AC 220V ±15%
Rated Input Power Capacity	7.1 KVA
No Load Voltage	42V
Output Current Range	50-250A
Rated Output Voltage	22.5
Duty Cycle %	60%
Weight	35kg
Dimensions	655 x 295 x 610mm

THREE PHASE 380V & 380V/525V DUAL VOLTAGE TRANSFORMER MIG WELDERS - 350A

- Fully Industrial Silicon rectifier type welders
- Heavy Duty applications
- Digital Volt and Current meters
- 350 & 500 Amp Separate feeder models with 5m interconnecting cable
- Available in 380V and 380/525V dual voltage
- 2T - 4T trigger function
- Wire inching





MAT9072K Accessory kit sold separately

Technical Data	MATMIG 350 MAT9072	MATMIG 350 Dual Voltage MAT9072DV
Input Power Voltage	Three Phase AC 380V ±10%	Three Phase AC 380/525V ±10%
Rated Input Power Capacity	15.9 KVA	15.9 KVA
No Load Voltage	19-40V	19-40V
Output Current Range	60-360A	60-360A
Duty Cycle %	60	60
Wire Feed Speed	1.5-15 m/min	1.5-15 m/min
Wire Diameters	1.0-1.6mm	1.0-1.6mm
Weight	143kg	143kg
Dimensions (LWH)	725 x 460 x 790mm	725 x 460 x 790mm

THREE PHASE 380V & 380V/525V DUAL VOLTAGE TRANSFORMER MIG WELDERS - 500A

- Fully Industrial Silicon rectifier type welders
- Heavy Duty applications
- Digital Volt and Current meters
- 350 & 500 Amp Separate feeder models with 5m interconnecting cable
- Available in 380V and 380/525V dual voltage
- 2T - 4T trigger function
- Wire inching





Air Cooled Configuration requires MAT9073K Accessory kit sold separately

Water Cooled Configuration requires MAT9073KWC Accessory kit and MAT9010 Water Cooler sold separately (see page 657)

Technical Data	MATMIG 500 MAT9073	MATMIG 500 Dual Voltage MAT9073DV
Input Power Voltage	Three Phase AC 380V ±10%	Three Phase AC 380/525V ±10%
Rated Input Power Capacity	32.6 KVA	32.6 KVA
No Load Voltage	21-53V	21-53V
Output Current Range	110-540A	110-540A
Duty Cycle %	60	60
Wire Feed Speed	1.5-15 m/min	1.5-15 m/min
Wire Diameters	1.2-1.6mm	1.2-1.6mm
Weight	191kg	191kg
Dimensions (LWH)	790 x 500 x 840mm	790 x 500 x 840mm

SINGLE PHASE 220V PLASMA CUTTER - 40A

- Compact and lightweight
- Industrial 220V Inverter type Plasma Cutter
- Cuts most metals
- 60% duty cycle
- Supplied with A51 Plasma Torch
- See page 654 for torch spares



Plasma Cutting is a process that is used to cut steel or other metals by combining compressed air and electricity. Compressed air is blown through a nozzle of a plasma torch in conjunction with an electrical arc which converts the air to plasma. Plasma is sufficiently hot to melt the metal being cut and moves fast enough to blow molten metal away from the cut.

Plasma Cutting as a technology grew out of plasma welding which was successfully used in the late1960s. It emerged as a very productive way to cut sheet metal and plate in the 1980s and had advantages over traditional methods of metal cutting in that it was faster more accurate and didn't produce metal chips. Plasma cuts still produce significantly cleaner cuts that the Oxy Fuel process. The Plasma arc is extremely hot and is generally in the range of 25 000°C

Technical Data	MAT9091 Matcut 40
Input Voltage	Single Phase 220V ±15%
Rated Input Power	4.9Kva
No Load Voltage	220V
Output Current	20-40A
Output Voltage	96V
Duty Cycle	60%
Max Cutting Thickness (Steel)	7mm
No Load Consumption	40W
Arc Initiation	HF

THREE PHASE 380V PLASMA CUTTER - 70A

- Compact and lightweight
- Industrial 380V Inverter type Plasma Cutter
- Cuts most metals
- 60% duty cycle
- MAT9092 Supplied with A81 Plasma Torch
- See page 654 for torch spares
- HF Arc start



Technical Data	MAT9092 Matcut 70
Input Voltage	Three Phase 380V ±10%
Rated Input Power	9.6Kva
No Load Voltage	270V
Output Current	20-70A
Output Voltage	108V
Duty Cycle	60%
Max Cutting Thickness (Steel)	25mm
No Load Consumption	50W
Arc Initiation	HF

THREE PHASE 380V PLASMA CUTTER - 120A

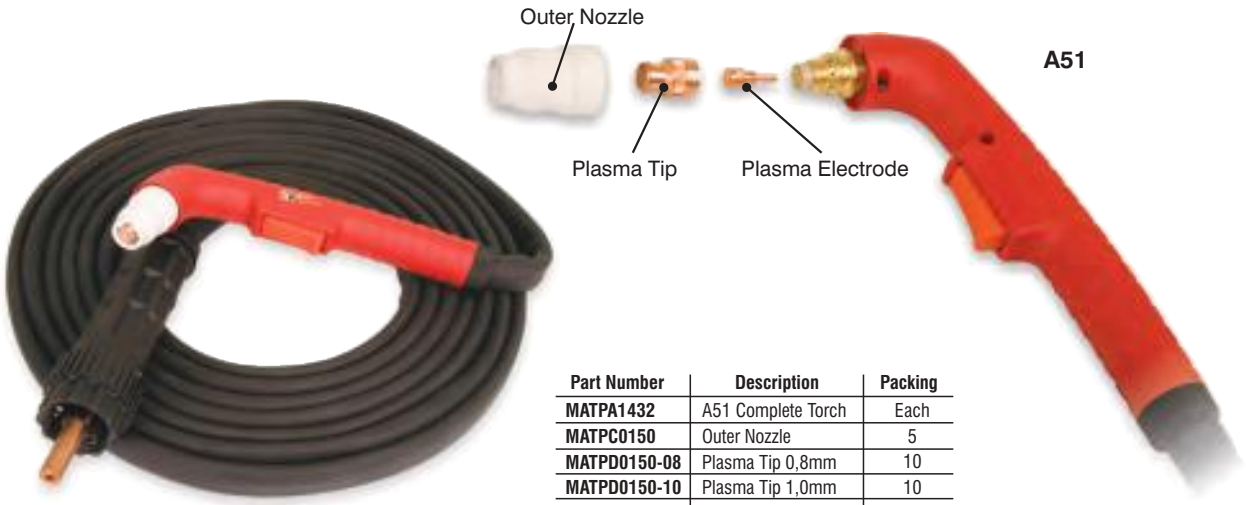
- Compact and lightweight
- Industrial 380V Inverter type Plasma Cutter
- Cuts most metals
- 60% duty cycle
- MAT9092 Supplied with A81 Plasma Torch
- See page 654 for torch spares
- HF Arc start



Technical Data	MAT9093 Matcut 120
Input Voltage	Three Phase 380V ±10%
Rated Input Power	19.4Kva
No Load Voltage	340V
Output Current	20-120A
Output Voltage	128V
Duty Cycle	60%
Max Cutting Thickness (Steel)	35mm
No Load Consumption	40W
Arc Initiation	HF

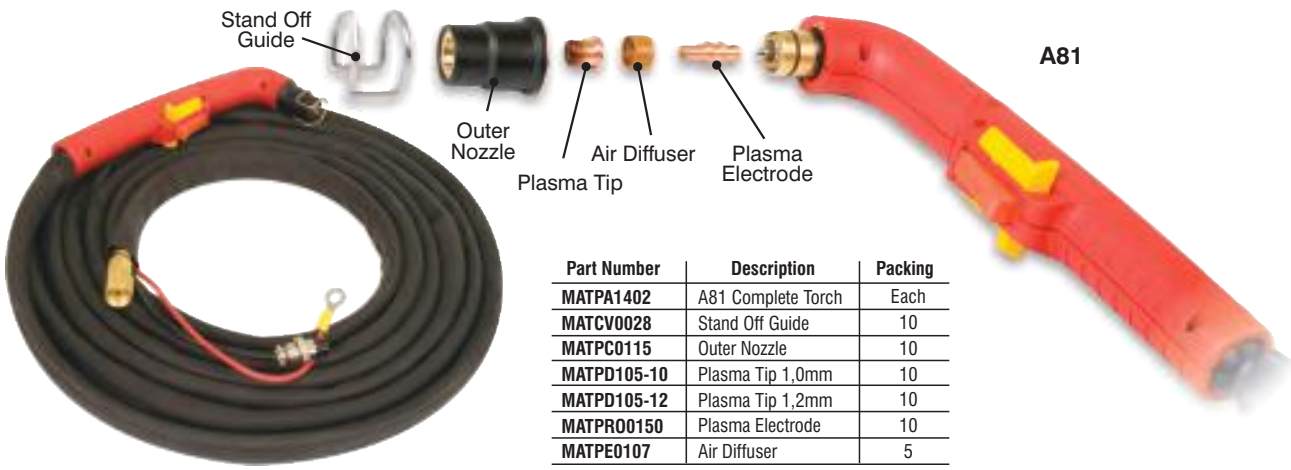
AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

SINGLE PHASE 220V PLASMA TORCH & SPARES



Part Number	Description	Packing
MATPA1432	A51 Complete Torch	Each
MATPC0150	Outer Nozzle	5
MATPD0150-08	Plasma Tip 0,8mm	10
MATPD0150-10	Plasma Tip 1,0mm	10
MATPR0150	Plasma Electrode	10

THREE PHASE 380V PLASMA TORCH & SPARES



Part Number	Description	Packing
MATPA1402	A81 Complete Torch	Each
MATCV0028	Stand Off Guide	10
MATPC0115	Outer Nozzle	10
MATPD105-10	Plasma Tip 1,0mm	10
MATPD105-12	Plasma Tip 1,2mm	10
MATPR00150	Plasma Electrode	10
MATPE0107	Air Diffuser	5

THREE PHASE 380V PLASMA TORCH & SPARES



Part Number	Description	Packing
MATPA1452	A101 Complete Torch	Each
MATCV001	Stand Off Guide	10
MATPC0109	Outer Nozzle	10
MATPD0101-11	Plasma Tip 1,1mm	10
MATPD0101-14	Plasma Tip 1,4mm	10
MATPD0101-17	Plasma Tip 1,7mm	10
MATPD0101-19	Plasma Tip 1,9mm	10
MATPR0101	Plasma Electrode	10
MATPE0101	Air Diffuser	5

ARC WELDER 140A 220V

- Robust and easy to use
- TV interference free
- Built to comply with current safety specifications
- Lifetime guarantee against burnout of transformer
- Oil cooled for best performance
- Duty cycle 20%



Code	Capacity	Voltage	Phase
TON1063	140 Amp	220	1

ARC WELDER 220A 220V

- Robust and easy to use
- TV interference free
- Built to comply with current safety specifications
- Lifetime guarantee against burnout of transformer
- Oil cooled for best performance
- Duty cycle 20%



Code	Capacity	Voltage	Phase
TON1065	220 Amp	220	1

TONCO cc ARC WELDER 160A 220V

- Robust and easy to use
- TV interference free
- Built to comply with current safety specifications
- Lifetime guarantee against burnout of transformer
- Oil cooled for best performance
- Duty cycle 20%



Code	Capacity	Voltage	Phase
TON0010	160 Amp	220	1

TONCO cc ARC WELDER 250A 220V

- Robust and easy to use
- TV interference free
- Built to comply with current safety specifications
- Lifetime guarantee against burnout of transformer
- Oil cooled for best performance
- Duty cycle 20%



Code	Capacity	Voltage	Phase
TON0005	250 Amp	220	1

TONCO cc ARC WELDER 250A 220-380V

- Robust and easy to use
- TV interference free
- Built to comply with current safety specifications
- Lifetime guarantee against burnout of transformer
- Oil cooled for best performance
- Duty cycle 20%



Code	Capacity	Voltage	Phase
TON1050	160 Amp	220/380	1/3

TONCO cc ARC WELDER 250A 380V

- Robust and easy to use
- TV interference free
- Built to comply with current safety specifications
- Lifetime guarantee against burnout of transformer
- Oil cooled for best performance
- Duty cycle 20%



Code	Capacity	Voltage	Phase
TON0045	300 Amp	380	2

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

TONCO cc ARC WELDER 300A 380V

- Robust and easy to use
- TV interference free
- Built to comply with current safety specifications
- Lifetime guarantee against burnout of transformer
- Oil cooled for best performance
- Duty cycle 20%



Code	Capacity	Voltage	Phase
TON1045	300 Amp	380	2

TONCO cc WELDING ACCESSORY KIT - 140AMP

- Comprises earth clamp, electrode holder, 3m black cable
- Cable fitted with lugs
- Flip-front helmet



Code
TON0030

TONCO cc WELDING ACCESSORY KIT - 160AMP

- Comprises earth clamp, electrode holder, 3m black cable
- Cable fitted with lugs
- Flip-front helmet



Code
TON0025

TONCO cc WELDING ACCESSORY KIT - 250AMP

- Comprises earth clamp, electrode holder, 3m black cable
- Cable fitted with lugs
- Flip-front helmet



Code
TON0020

TONCO cc WELDING ACCESSORY KIT - 300AMP

- Comprises earth clamp, electrode holder, 3m black cable
- Cable fitted with lugs
- Flip-front helmet



Code
TON1055

TONCO cc TRANSFORMER OIL

- Use in TONCO transformer type welding machines
- Acts as a transformer coolant



Code	Size
TON2000	1 litre

TONCO cc FEMALE CONNECTOR

- For connecting to welder



Code	Size
TON2035	160A
TON2040	250A

SINGLE PHASE 220V ELECTRODE OVEN - 100KG CAPACITY

Used to rebake electrodes prior to use

- Manufactured from the highest grade steel and insulation ensures constant temperature
- Incorporates a highly efficient heater and thermostat
- Cabinet manufactured from durable Electro galvanized plate

Technical Data	MAT9025
Input Voltage	220V
Temperature	50 - 400°C
Weight	46Kg
Capacity	100Kg
Inner Dimensions (LWH)	550 x 370 x 410 mm





SINGLE PHASE 220V HOT BOX - 8.5KG CAPACITY

Used to keep electrodes dry on site after rebaking in an electrode oven

- Manufactured from the highest grade steel and insulation ensures constant temperature
- Incorporates a highly efficient heater and thermostat
- For electrodes up to 450mm in length
- With convenient pull out handle and wheels for easy mobility

Technical Data	MAT9020
Input Voltage	220V
Temperature	50 - 300°C
Weight	14.2Kg
Capacity	8.5Kg
Outer Dimensions (LWH)	190 x 235 x 645 mm
Inner Dimensions (LWH)	110 x 160 x 530 mm





SINGLE PHASE 220V WATER COOLER

- 220 Volt Single Phase
- Suitable for MIG and TIG applications
- Compact Robust Design

Technical Data	MAT9010
Input Power Voltage	220V ±10%
Volume	8 Litre
Rated Power	150W
Rated Input Current	2.4A
Maximum Flow in L/Min	1.5 - 5.3



electrodes & filler materials

Matweld offers a comprehensive range of Welding Electrodes for every application.
Welding electrodes are sourced both locally and abroad and often from more than one manufacturer depending on their area of expertise.
Matweld's locally manufactured Mild Steel General Purpose electrodes are SABS approved and are manufactured to stringent criteria.
Test Certificates are available for all Matweld Electrodes on request



SP AND GENERAL PURPOSE E6013 ELECTRODES



- Promax SP E6013 is a high quality professional rutile coated electrode
- It is recognized by its green tip
- It offers excellent penetration with very good striking and re-striking characteristics and very little spatter
- The slag is easily detached and is often self lifting
- Promax GP E6013 General Purpose Electrodes are better suited to DIY and semi professional applications
- They are recognised by their red tip

Part Number	Size	Grade	Welding Current (Amps)	Weight
MAT5588	2.5mm	GP	55 - 85	1kg
MAT5590	3,2mm	GP	75 - 110	1kg
MAT5594	2.5mm	GP	55 - 85	5kg
MAT5596	3,2mm	GP	75 - 110	5kg
MAT5598	4,0mm	GP	90 - 140	5kg
MAT6012	2.0mm	GP	40 - 70	4kg
MAT6005	2.0mm	GP	-	1kg
MAT6000	2.5mm	GP	55 - 85	1kg
MAT6015	2.5mm	SP	55 - 85	5kg
MAT6010	3.15mm	SP	75 - 110	1kg
MAT6020	3.15mm	SP	75 - 110	5kg
MAT6025	4.0mm	SP	90 - 140	5kg

STAINLESS STEEL E309MOL-16; *AWS/ ASME SFA 5.4; E309MOL-16; DIN 8556 E22 14.3 LR 23*



- Matweld Stanox E309MoL-16 is a low carbon, high alloy rutile coated stainless steel electrode
- Matweld Stanox E309MoL-16 is suitable for all positions except vertical down
- Matweld Stanox E309MoL-16 is suitable for welding 309 and 309L stainless steel and the dissimilar welding of 300 series and selected 400 series stainless steels

Part Number	Size	Welding Current (Amps)	Weight
MAT6120	2.5mm	60 - 80	1kg
MAT6125	3.15mm	90 - 110	1kg
MAT6130	4.0mm	110 - 150	1kg

LOW HYDROGEN E7018-1; *AWS A5.1. E7018-1; DIN 1913 E51 55 B10; SABS 455 E5118/-4427H*



- Matweld E7018-1 is a basic coated hydrogen controlled electrode designed for welding in all positions
- Matweld E7018-1 has a low spatter and excellent re-strike characteristics
- The weld has an excellent bead profile and appearance and the slag is easily detached
- Used to weld C-Mn and low alloy steels requiring X-ray examination
- Matweld E7018-1 requires a minimum AC open circuit voltage of 70 Volts and must be baked at 180°C (350°F) for 2 hours prior to use

Part Number	Size	Welding Current (Amps)	Weight
MAT6050	2.5mm	70 - 110	4kg
MAT6055	3.15mm	80 - 140	4kg
MAT6060	4.0mm	130 - 190	4kg
MAT6065	5.0mm	172 - 250	5kg

STAINLESS STEEL E316-16; *AWS/ ASME SFA 5.4; E316L-16; DIN 8556 E19 12 3 LR 26*



- Matweld Stanox E316-16 is a low carbon rutile coated stainless steel electrode suitable for all positions except vertical down
- Matweld Stanox E316-16 is used for the general purpose welding of 300 austentic stainless steel series such as 301, 303 as well as 304 and 304L types

Part Number	Size	Welding Current (Amps)	Weight
MAT6145	2.5mm	40 - 70	1kg
MAT6150	3.15mm	75 - 110	1kg
MAT6155	4.0mm	110 - 150	1kg

IRON POWDER E7024; *AWS A5.1.E7024; DIN 1913 E51 45RR 11 160*



- Matweld E7024 is a high quality heavily coated rutile iron powder electrode designed for the high speed welding of H-V fillets, flat butt joints and structural steel
- Matweld E7024 has very low spatter and its strike and re-strike characteristics are excellent
- Matweld E7024h as a very good weld appearance and the slag is easily detachable and in most cases self lifting

Part Number	Size	Welding Current (Amps)	Weight
MAT6085	3.15mm	100 - 160	5kg
MAT6090	4.0mm	160 - 220	5kg
MAT6095	5.0mm	190 - 320	5kg

STAINLESS STEEL E308L-16; *AWS/ ASME SFA 5.4; E308L-16; DIN 8556 E19 19 LR 26*



- Matweld Stanox E308L-16 is a low carbon smooth running rutile coated stainless steel electrode
- Matweld Stanox E308L-16 is suitable for all positions except vertical down
- Matweld Stanox E308L-16 is suitable for welding 19Cr10Ni type steels including 201, 202, 301, 302, 304L and 308

Part Number	Size	Welding Current (Amps)	Weight
MAT6100	2.5mm	40 - 70	1kg
MAT6105	3.15mm	75 - 110	1kg
MAT6110	4.0mm	110 - 150	1kg

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

STAINLESS STEEL E312-16; *AWS/ ASME SFA 5.4; E312-16; DIN 8556 E29 9 LR 23*



- Matweld E312-16 is a rutile coated stainless steel electrode ideally suited to welding dissimilar steel such as stainless to carbon steel

Part Number	Size	Welding Current (Amps)	Weight
MAT6170	2.5mm	40 - 80	1kg
MAT6175	3.15mm	75 - 110	1kg
MAT6180	4.0mm	110 - 150	1kg

CAST IRON ENIFE-CL; *AWS A5.15 ENIFE-CL; DIN 8573 ENIFE-1 G24*



- Matweld Matcast50 is a graphite type coated electrode with a Fe-Ni alloy core
- Matweld Matcast50 provides a low expansion coefficient and good machining properties
- Matweld Matcast50 is suitable for welding ductile and malleable cast iron as well as grey cast iron material

Part Number	Size	Welding Current (Amps)	Weight
MAT6200	2.5mm	60 - 80	1kg
MAT6205	3.15mm	80 - 120	1kg
MAT6210	4.0mm	120 - 150	1kg

CAST IRON ENI-CL; *AWS A5.15 ENI-CL; DIN 8573 ENI G24*



- Matweld Matcast100 is a graphite type coated electrode with a pure nickel alloy core
- The weld provides excellent machineability and good tensile strength as well as good crack resistance
- Matweld Matcast100 is suitable for welding high pressure parts

Part Number	Size	Welding Current (Amps)	Weight
MAT6240	2.5mm	60 - 80	1kg
MAT6245	3.15mm	70 - 120	1kg
MAT6250	4.0mm	100 - 150	1kg

ALUMINIUM MIG WIRE - ER4043



- High quality 4043 grade aluminium MIG welding wire
- Contains 5% silicon
- ER4043 is one of the most widely used welding and brazing alloys and can be classified as a general-purpose filler alloy
- The silicon additions result in improved fluidity (wetting action) to make the alloy the preferred choice for welders
- The alloy is less sensitive to weld cracking and produces brighter, cleaner welds
- Can also be used for joining cast to wrought materials
- Non-heat treatable
- Softer than 5356 and slightly harder to feed, can be used on standard MIG torches

Part No.	Size	Grade	Weight
MAT7050	1,0mm	ER4043	6kg
MAT7055	1,2mm	ER4043	6kg

ALUMINIUM MIG WIRE - ER5356



- High quality 5356 grade aluminium MIG welding wire
- Contains 5% magnesium
- ER5356 is the most widely used welding alloy and can be classified as a general-purpose filler alloy
- It is typically chosen because of its relatively high shear strength
- The 5356 alloy base material has a weld pool chemistry greater than 3% Mg and service temperatures in excess of 6°C
- ER5356 gives a high strength weld deposit with very good crack resistance
- Corrosion resistance is very good especially in a marine environment
- Easy feeding wire, can be used on standard MIG torches

Part No.	Size	Grade	Weight
MAT7060	1,0mm	Er5356	6kg
MAT7065	1,2mm	ER5356	6kg

STAINLESS STEEL MIG WIRE - ER308LSi



- Designed for welding '18-8' type stainless steels such as 302/304/304L (wrought) and CF-3/CF-8 (cast)
- The deposit is highly resistant to oxidation and corrosion
- This all-position, quality MIG welding wire is ideally suited for joining common austenitic stainless steel grades
- It is specially processed to provide superior feeding and arc stability

Part No.	Size	Grade	Weight
MAT7000	1,0mm	ER308LSi	15kg
MAT7010	1,2mm	ER308LSi	15kg

STAINLESS STEEL MIG WIRE - ER309LSi

- For welding 304L/309 (wrought) and CF-3/CH-20 (cast) base materials
- A high Cr austenitic stainless steel electrode for applications where improved corrosion and oxidisation resistance are required
- Also used for dissimilar metals joining such as stainless steel to carbon/low alloy steel



Part No.	Size	Grade	Weight
MAT7015	1,0mm	ER309LSi	15kg
MAT7020	1,2mm	ER309LSi	15kg

STAINLESS STEEL MIG WIRE - ER316LSi

- Optimised arc performance and feedability
- This MIG wire is designed for joining low carbon molybdenum bearing austenitic stainless steels, such as type 316 and 316L
- All-position stainless steel MIG welding wire



Part No.	Size	Grade	Weight
MAT7025	1,0mm	ER316LSi	15kg
MAT7030	1,2mm	ER316LSi	15kg

MILD STEEL MIG WIRE ER70-S6

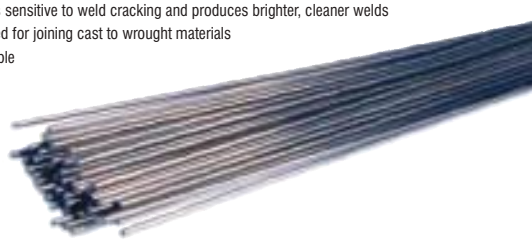
- Premium, all position, mild steel welding wire
- Designed for general purpose MIG welding
- Contains higher levels of Manganese and Silicon than other standard grades of MIG wire to produce high quality welds when used on rusted, dirty or oily steel
- This product requires a shielding gas, Co^2 and/or Argon/Co^2 mix



Part No.	Size	Grade	Weight
MAT6030	0,8mm	ER70-S6	15kg
MAT6031	0,8mm	ER70-S6	5kg
MAT6032	0,9mm	ER70-S6	15kg
MAT6033	0,9mm	ER70-S6	5kg
MAT6034	1,0mm	ER70-S6	15kg
MAT6035	1,2mm	ER70-S6	15kg

ALUMINIUM TIG WIRE - ER4043

- High quality 4043 grade aluminium TIG welding wire
- Contains 5% silicon
- ER4043 is one of the most widely used welding and brazing alloys and can be classified as a general-purpose filler alloy
- The silicon additions result in improved fluidity (wetting action) to make the alloy the preferred choice for welders
- The alloy is less sensitive to weld cracking and produces brighter, cleaner welds
- Can also be used for joining cast to wrought materials
- Non-heat treatable
- Grade stamped



Part No.	Size	Grade	Weight
MAT6445	1,6mm	Er4043	5kg
MAT6450	2,4mm	ER4043	5kg
MAT6455	3,2mm	ER4043	5kg

ALUMINIUM TIG WIRE - ER5356

- High quality 5356 grade aluminium TIG welding wire
- Contains 5% magnesium
- ER5356 is the most widely used welding alloy and can be classified as a general-purpose filler alloy
- It is typically chosen because of its relatively high shear strength
- The 5356 alloy base material has a weld pool chemistry greater than 3% Mg and service temperatures in excess of 6° C
- ER5356 gives a high strength weld deposit with very good crack resistance
- Corrosion resistance is very good especially in a marine environment
- Grade stamped



Part No.	Size	Grade	Weight
MAT6460	1,6mm	ER5356	5kg
MAT6465	2,4mm	ER5356	5kg
MAT6475	3,2mm	ER5356	5kg

MILD STEEL TIG WIRE - ER70-S6

- Premium, all position, mild steel welding wire
- Designed for general purpose TIG welding
- Contains higher levels of Manganese and Silicon than other standard grades of TIG wire to produce high quality welds when used on rusted, dirty or oily steel
- This product requires a shielding gas, Co2 and/or Argon/Co2 mix

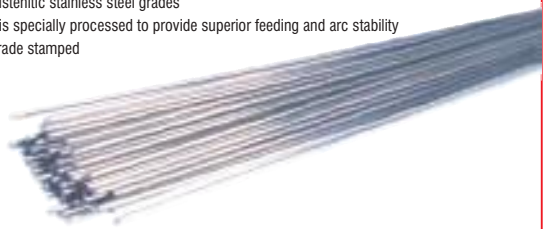


Part No.	Size	Grade	Weight
MAT6038	1,6mm	ER70-S6	5kg
MAT6040	2,4mm	ER70-S6	5kg

AVAILABLE FROM SELECTED DISTRIBUTORS NATIONWIDE

STAINLESS STEEL TIG WIRE - ER308LSi

- Designed for welding '18-8' type stainless steels such as 302/304/304L (wrought) and CF-3/CF-8 (cast)
- The deposit is highly resistant to oxidation and corrosion
- This all-position, quality TIG weldng wire is ideally suited for joining common austenitic stainless steel grades
- It is specially processed to provide superior feeding and arc stability
- Grade stamped



Part No.	Size	Grade	Weight
MAT6400	1,6mm	ER308LSi	5kg
MAT6405	2,4mm	ER308LSi	5kg
MAT6410	3,2mm	ER308LSi	5kg

STAINLESS STEEL TIG WIRE - ER309LSi

- For welding 304L/309 (wrought) and CF-3/CH-20 (cast) base materials
- A high Cr austenitic stainless steel electrode for applications where improved corrosion and oxidisation resistance are required
- Also used for dissimilar metals joining such as stainless steel to carbon/low alloy steel
- Grade stamped



Part No.	Size	Grade	Weight
MAT6415	1,6mm	ER309LSi	5kg
MAT6420	2,4mm	ER309LSi	5kg
MAT6425	3,2mm	ER309LSi	5kg

STAINLESS STEEL TIG WIRE - ER316LSi

- Optimised arc performance and feedability
- This TIG wire is designed for joining low carbon molybdenum bearing austenitic stainless steels, such as type 316 and 316L
- All-position stainless steel TIG welding wire



Part No.	Size	Grade	Weight
MAT6430	1,6mm	ER316LSi	5kg
MAT6435	2,4mm	ER316LSi	5kg
MAT6440	3,2mm	ER316LSi	5kg

MATWELD BRAZING RODS

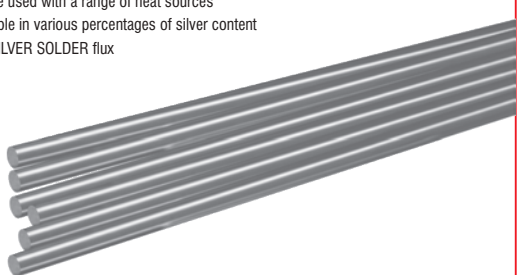
- Matweld brazing roads are widely used when welding sheet metal
- They are also suitable for welding galvanized iron and offer a good tensile strength
- Matweld brazing rods are available either bare or with a convenient flux coating



Part No.	Size	Brazing Rod Type	Weight
MAT6305	1,6mm	Bare	10kg
MAT6315	2,0mm	Bare	10kg
MAT6325	3,0mm	Bare	10kg
MAY6311	2.0mm	Flux coated	5kg
MAT6321	3.0mm	Flux coated	5kg

MATWELD SILVER SOLDER

- CADMIUM FREE
- Silver solder suitable for use on all ferrous and non-ferrous metals, except aluminium
- Can be used with a range of heat sources
- Available in various percentages of silver content
- Use SILVER SOLDER flux



Part No.	Size	% Silver	Weight
MAT6800	1,5mm	20	1kg
MAT6805	1,5mm	30	1kg
MAT6810	1,5mm	40	1kg
MAY6815	1,5mm	50	1kg

SILVER SOLDER FLUX

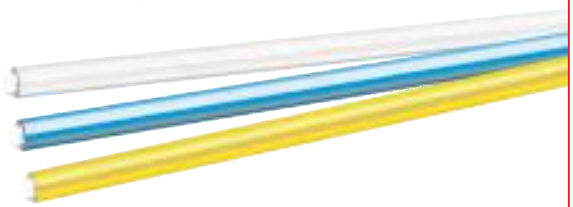
- Designed specifically for use with bare silver solder (above)
- Available in 500g tubs

Part No.	Size
MAT6999	500g



SILVER SOLDER FLUX - COATED

- Special fast flow flux improves base metal cleansing action
- CADMIUM FREE
- Silver solder suitable for use on all ferrous and non-ferrous metals, except aluminium
- Can be used with a range of heat sources
- Available in various percentages of silver content



Part No.	Size	% Silver	Weight
MAT6825	1,5mm	20 (White)	1kg
MAT6830	1,5mm	30 (Blue)	1kg
MAT6835	1,5mm	40 (Yellow)	1kg

COPPER TO COPPER BRAZING RODS

- Excellent flow and wetting properties
- For use on copper, brass and bronze
- Does not require flux
- Suitable for joining pipes and tubing and is widely used for electrical work



Part No.	Size	% Silver	Grade	Weight
MAT6850	2,0mm	0	AWS BCuP-2	1kg
MAT6855	3,0mm	0	AWS BCuP-2	1kg
MAT6860	2,0mm	2	AWS BCuP-6	1kg
MAT6865	3,0mm	2	AWS BCuP-6	1kg
MAT6870	2,0mm	5	AWS BCuP-3	1kg
MAT6875	3,0mm	5	AWS BCuP-3	1kg
MAT6880	2,0mm	15	AWS BCuP-5	1kg
MAT6885	3,0mm	15	AWS BCuP-5	1kg

GOUGING CARBONS

- Top quality Gouging carbons
- Available in "Jointed" and "Non-Jointed" style
- Jointed carbons allow for longer reach
- One of the world's leading brands now available from Matweld
- Made in Taiwan





Part No.	Size	% Type	Packing
MAT6500	5.0mm	Non-Jointed	100 / Box
MAT6505	6.5mm	Non-Jointed	50 / Box
MAT6510	8.0mm	Non-Jointed	50 / Box
MAT6515	9.5mm	Non-Jointed	50 / Box
MAT6520	9.5mm	Jointed	50 / Box
MAT6525	13.0mm	Jointed	50 / Box

GOUGING TORCHES - K4 TYPE

- General purpose carbon arc air gouging torch
- Gouging, cutting, beveling & piercing metal
- 15° torch angle
- 2 metre swivel cable
- Requires compressed air at 80 to 100psi
- Weight 2.4kg



Part No.	Type	Rating
MAT1275	K4	800 Amp

GOUGING TORCHES - K5 TYPE

- Heavy Duty carbon arc air gouging torch
- Gouging, cutting, beveling & piercing metal
- Heavy duty foundry application
- 2 metre swivel cable
- Requires compressed air at 80 to 100psi
- Weight 2.4kg



Part No.	Type	Rating
MAT1280	K5	1000 Amp

Concept Stands



Give Your Store A Facelift!

Clever Concepts For Smart Solutions.

For stands that deliver on profitability and space usage, we rise to the challenge with outstanding merchandising solutions.

The stands are specially designed for compact efficiency and powerful visibility. Only KVI's have been selected and just the right number of items per stand is packed. There's no better way to utilise your store for maximum return per square metre and to ensure that consumers have quick and easy access to products.

All stands are serviced and restocked by your rep. All you have to do is to enjoy the benefits of a good deal that will do a great deal more for your business.



fox abrasives

FOX Sanding Centre



fox abrasives

FOX Cutting & Grinding Centre



fox tools

FOX Blade Solution



HITACHI POWER TOOLS

Hitachi Cutting Solution



IRWIN TOOLS

Irwin Power Tool Accessory Solution





fox abrasives

FOX Cutting & Grinding Counter Stand

Concept Stands



MAT-WELD
Quality Welding Products

Matweld Welding Solution



GROZ tools to trust
GROZ Lubrication Solution

GROZ tools to trust
GROZ Hand Tool Solution

GROZ tools to trust
GROZ Vice Solution

Mobi-Jack
Mobi-Jack Jacking Solution

GROZ Pumping Solution



RACO Workshop Tools Solution



RACO Plumbing Solution



RACO Bi-Metal Holesaw Solution

RACO Socket Set Solution





RACO Super-Drive Solution



RACO Socket & Spanner Solution





STAHLWILLE

Stahlwille Workshop Tools Solution





MTS Automotive Concept A



MTS Automotive Concept B



MTS Building Concept A



MTS Electrical witches



MTS Electrical Cable Ties & Switches



MTS Electrical Extensions



MTS Building Concept B



MTS General Tools Concept A



MTS General Tools Concept B



MTS Electrical Multi-plugs & Adaptors



MTS Electrical Cable Solution



Nurseries and hardware stores can look forward to creating more impact with Raco Expert merchandise.

To facilitate enhanced visibility, significantly improved stock turn and to create a higher return per square metre, Raco Expert has changed its merchandising stand layouts.

Specially designed and tailor-made for optimum merchandising needs and to attain improved sales results, these six stands can be mixed and matched to suit all store sizes and space requirements.

Less popular, slow-moving lines have been removed and the range has been consolidated to better suit consumer demand. To maintain top quality and excellent service, all merchandising stands will be regularly checked and re-stocked by trained personnel.

RACO Expert

FEEL THE GREEN





Stand 1: Hose Accessories & Sprays



Stand 5: Hose Accessories, Sprays & Irrigation



Stand 2: Irrigation



Stand 3: Pruning & Tools



Stand 4: Shears & Loppers



Stand 6: Pruning & Tools



NEW! RACO Profi-Plus Series for Professionals

MILLIMETRES TO INCHES

	+0mm	+10mm	+20mm	+30mm	+40mm	+50mm	+60mm	+70mm	+80mm	+90mm
0mm	0.00	0.39	0.79	1.18	1.57	1.97	2.36	2.76	3.15	3.54
100	3.94	4.33	4.72	5.12	5.51	5.91	6.30	6.69	7.09	7.48
200	7.87	8.27	8.66	9.06	9.45	9.84	10.24	10.63	11.02	11.42
300	11.81	12.20	12.60	12.99	13.39	13.78	14.17	14.57	14.96	15.35
400	15.75	16.14	16.54	16.93	17.32	17.72	18.11	18.50	18.90	19.29
500	19.69	20.08	20.47	20.87	21.26	21.65	22.05	22.44	22.83	23.23
600	23.62	24.02	24.41	24.80	25.20	25.59	25.98	26.38	26.77	27.17
700	27.56	27.95	28.35	28.74	29.13	29.53	29.92	30.31	30.71	31.10
800	31.50	31.89	32.28	32.68	33.07	33.46	33.86	34.25	34.65	35.04
900	35.43	35.83	36.22	36.61	37.01	37.40	37.80	38.19	38.58	38.98

INCHES & DECIMAL PARTS OF AN INCH TO MILLIMETRES

	+0.0in	+0.1in	+0.2in	+0.3in	+0.4in	+0.5in	+0.6in	+0.7in	+0.8in	+0.9in
0.0in	0.00	2.54	5.08	7.62	10.16	12.70	15.24	17.78	20.32	22.86
1.0	25.40	27.94	30.48	33.02	35.56	38.10	40.64	43.18	45.72	48.26
2.0	50.80	53.34	55.88	58.42	60.96	63.50	66.04	68.58	71.12	73.66
3.0	76.20	78.74	81.28	83.82	86.36	88.90	91.44	93.98	96.52	99.06
4.0	101.60	104.14	106.68	109.22	111.76	114.30	116.84	119.38	121.92	124.46
5.0	127.00	129.54	132.08	134.62	137.16	139.70	142.24	144.78	147.32	149.86
6.0	152.40	154.94	157.48	160.02	162.56	165.10	167.64	170.18	172.72	175.26
7.0	177.80	180.34	182.88	185.42	187.96	190.50	193.04	195.58	198.12	200.66
8.0	203.20	205.74	208.28	210.82	213.36	215.90	218.44	220.98	223.52	226.06
9.0	228.60	231.14	233.68	236.22	238.76	241.30	243.84	246.38	248.92	251.46

FRACTIONS OF AN INCH EXPRESSED AS DECIMALS & MILLIMETRES

Fraction in	Decimal in	mm
1/64	0.015625	0.3969
1/32	0.031250	0.7938
3/64	0.046875	1.1906
1/16	0.062500	1.5875
5/64	0.078125	1.9844
3/32	0.093750	2.3813
7/64	0.109375	2.7781
1/8	0.125000	3.1750
9/64	0.140625	3.5719
5/32	0.156250	3.9688
11/64	0.171875	4.3656
3/16	0.187500	4.7625
13/64	0.203125	5.1594
7/32	0.218750	5.5563
15/64	0.234375	5.9531

Fraction in	Decimal in	mm
1/4	0.250000	6.3500
17/64	0.265625	6.7469
9/32	0.281250	7.1438
19/64	0.296875	7.5406
5/16	0.312500	7.9375
21/64	0.328125	8.3344
11/32	0.343750	8.7313
23/64	0.359375	9.1281
3/8	0.375000	9.5250
25/64	0.390625	9.9219
13/32	0.406250	10.3188
27/64	0.421875	10.7156
7/16	0.437500	11.1125
29/64	0.453125	11.5094
15/32	0.468750	11.9063
31/64	0.484375	12.3031

Fraction in	Decimal in	mm
1/2	0.500000	12.700
33/64	0.515625	13.0969
17/32	0.531250	13.4938
35/64	0.546875	13.8906
9/16	0.562500	14.2875
37/64	0.578125	14.6844
19/32	0.593750	15.0813
39/64	0.609375	15.4781
5/8	0.625000	15.8750
41/64	0.640625	16.2719
21/32	0.656250	16.6688
43/64	0.671875	17.0656
11/16	0.687500	17.4625
45/64	0.703125	17.8594
23/32	0.718750	18.2563
47/64	0.734375	18.6531

Fraction in	Decimal in	mm
3/4	0.750000	19.0500
49/64	0.765625	19.4469
25/32	0.781250	19.8438
51.64	0.796875	20.2406
13.16	0.812500	20.6375
53/64	0.828125	21.0344
27/32	0.843750	21.4313
55/64	0.859375	21.8281
7/8	0.875000	22.2250
57/64	0.890625	22.6219
29/32	0.906250	23.0188
59/64	0.921875	23.4156
15/16	0.937500	23.8125
61/64	0.953125	24.2094
31/32	0.968750	24.6063
63/64	0.984375	25.0031
1	1-000000	25.4000

CENTIGRADE TO FAHRENHEIT

Centigrade °C		Fahrenheit °F
-10	=	14
-5	=	23
0	=	32
5	=	41
10	=	50
15	=	59

Centigrade °C		Fahrenheit °F
20	=	68
25	=	77
30	=	86
35	=	95
40	=	104
50	=	122
100	=	212

Fahrenheit °F		Centigrade °C
10	=	-12
15	=	-9
30	=	-1
40	=	4
50	=	10
60	=	16

Fahrenheit °F		Centigrade °C
70	=	21
80	=	27
90	=	32
100	=	38
110	=	43
150	=	66
200	=	93

To convert centigrade to fahrenheit : °C ÷ 5 = □ x 9 = □ + 32 = °F

To convert fahrenheit to centigrade : °F - 32 = □ ÷ 9 = □ x 5 = °C

KPA TO PSI

kPa	Psi	kPa	Psi	kPa	Psi	kPa	Psi
1	0.145037738	26	3.770981188	51	7.396924638	76	11.02286809
2	0.290075476	27	3.916018926	52	7.541962376	77	11.16790583
3	0.435113214	28	4.061056664	53	7.687000114	78	11.31294356
4	0.580150952	29	4.206094402	54	7.832037852	79	11.4579813
5	0.72518869	30	4.35113214	55	7.97707559	80	11.60301904
6	0.870226428	31	4.496169878	56	8.122113328	81	11.74805678
7	1.015264166	32	4.641207616	57	8.267151066	82	11.89309452
8	1.160301904	33	4.786245354	58	8.412188804	83	12.03813225
9	1.305339642	34	4.931283092	59	8.557226542	84	12.18316999
10	1.45037738	35	5.07632083	60	8.70226428	85	12.32820773
11	1.595415118	36	5.221358568	61	8.847302018	86	12.47324547
12	1.740452856	37	5.366396306	62	8.992339756	87	12.61828321
13	1.885490594	38	5.511434044	63	9.137377494	88	12.76332094
14	2.030528332	39	5.656471782	64	9.282415232	89	12.90835868
15	2.17556607	40	5.80150952	65	9.42745297	90	13.05339642
16	2.320603808	41	5.946547258	66	9.572490708	100	14.5037738
17	2.465641546	42	6.091584996	67	9.717528446	125	18.12971725
18	2.610679284	43	6.236622734	68	9.862566184	150	21.7556607
19	2.755717022	44	6.381660472	69	10.00760392	175	25.38160415
20	2.90075476	45	6.52669821	70	10.15264166	200	29.0075476
21	3.045792498	46	6.671735948	71	10.2976794	250	36.2594345
22	3.190830236	47	6.816773686	72	10.44271714	300	43.5113214
23	3.335867974	48	6.961811424	73	10.58775487	500	72.518869
24	3.480905712	49	7.106849162	74	10.73279261	750	108.7783035
25	3.62594345	50	7.2518869	75	10.87783035	1000	145.037738

WATER

1 LITRE	WEIGHS 1 KILOGRAM
1 CUBIC METRE	WEIGHS 1 TON
1 UK GALLON	WEIGHS 10.022 LB
1 UK GALLON SALT WATER	WEIGHS 10.3 LB

PETROLEUM

1 BARREL	= 42 US GALLONS
	= 34.97 UK GALLONS
	= 0.159 CUBIC METRE

ENERGY

1000 BRITISH THERMAL UNITS BTU	= 0.293 kWh
100,000 BTU	= 1 THERM
1 UK HORSEPOWER	= 0.7457 KILOWATT

SPEED

m.p.h.	20	30	40	50	60	70	80	90	100
k.p.h.	32	48	64	80	96	112	128	144	160

VELOCITY

1 MILE PER HOUR	= 1.6093 KILOMETRES PER HOUR
1 FOOT PER SECOND	= 0.3408 METRE PER SECOND
1 FOOT PER MINUTE	= 0.0051 METRE PER SECOND

TYRE PRESSURES

lb/sq in	18	20	22	24	26	28	30	32	34	36
bar	1.3	1.4	1.6	1.7	1.8	2.0	2.1	2.3	2.4	2.5

FUEL CONSUMPTION

1 GALLON PER MILE	= 2.825LITRES PER KILOMETRE
1 MILE PER GALLON	= 0.354 KILOMETRE PER LITRE



A World of World-Class Brands!

























































































































































