Trade Catalogue

2014

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Deliveries suspended under this Clause may at the option of the Company be cancelled without any liability attaching to the Company or completed within an extended period and in either case, the Company shall notify the Purchaser in writing accordingly.

7 TRANSPORT

7.1 All deliveries,

METRO and COUNTRY: FIS for all orders $300.00 and over. Orders less than $300, a $30.00 processing fee applies.

Western Australia - Country Orders: West Australian country orders will be supplied FIS to Perth, then shipped FOB to the destination.

THIRD PARTY DELIVERIES: For third party deliveries, where a customer asks for the goods to be delivered to another location (e.g. to an end user), we will charge freight as per our freight matrix.

7.2 All deliveries to other destinations will be charged to the Purchaser

(i) the Purchaser may nominate its own freight provider (subject to clause 7.3)

(ii) the Purchaser may nominate White International to deliver the goods at a cost, which is in accordance with a schedule of rates provided.

7.3 Priority delivery service is available. All costs will be charged to the Purchaser.

7.4 Cost associated with offloading, unpacking, positioning, and erections are not included in the Company's selling price and are the responsibility of the Purchaser who shall provide competent labour to effect these arrangements at their own expense. Delivery of goods in all other cases shall be at the cost of the Purchaser.

8 RISK AND TITLE

8.1 No general property or equitable interest in goods supplied by the Company to the Purchaser shall pass to the Purchaser until such time (hereinafter called "the specified time") as the price of the goods and all other moneys (if any) due from the Purchaser to the Company in respect of the goods or under any contract between the Company and the Purchaser shall have been paid to the Company in full.

8.2 Until the specified time the Purchaser shall be only a bailee of the goods for the Company and the Purchaser shall;

(a) so hold the goods until the specified time as to enable them always readily to be identified as the property of the Company

(b) upon written demand re-deliver the goods to the Company or allow the Company by its servants or agents to enter upon any premises where the goods are stored to recover the same.

8.3 The Purchaser is authorised before the specified time as agent for the Company to sell the goods for the account of the Company.

8.4 The goods shall be at the Purchaser's risk from the time of despatch from the Company's premises.

8.5 Where the seller holds any security interest in the goods, the Purchaser agrees to implement, maintain and comply in all material respects with procedures for the perfection of those security interests as provided by Personal Property Security Act 2009 (Cth).

8.6 The Purchaser must take all steps under Personal Property Security Act 2009 (Cth) to continuously perfect any such security interest, including all the steps necessary for the seller to obtain the highest ranking priority possible in respect of those security interests and to reduce as far as possible the risk of a third party acquiring and interest free of sellers security interests.

9 PAYMENT

9.1 For machines ex Australian stock – payment 14 days from date of despatch ex company warehouse. For pumps and goods excluding machines ex Australian stock – payment on or before the 30th day of the month following the month in which the goods are despatched by the Company to the Purchaser (unless otherwise specified in the Company's statement/invoice).

9.2 For goods to be imported against order – 50% deposit with order, balance by irrevocable letter of credit to be established at the time of order through our nominated bank account payable on demand against presentation of documents unless otherwise arranged.

9.3 There shall be no delay of payment after delivery of the goods ordered except in accordance with the quoted terms.

10 CANCELLATION

Request for cancellation of an order must be in writing. Any such cancellation shall be of no force or effect and shall not be binding on the Company unless

and until such cancellation is accepted by the Company in writing. Cancellation of any order shall be at the sole and absolute discretion of the Company. No request for cancellation by the Purchaser will be accepted by the Company where goods have been ordered from the Manufacturer by the Company against a firm order from the Purchaser.

11. SERVICE UNDER WARRANTY

11.1 The performance figures quoted by the Manufacturer and/or the Company do not and shall not be deemed to constitute a warranty by the Company and it is not warranted that such exact performance figures will be achieved.

11.2 Inspection of a machine and its performance may be carried out by arrangement, at the Purchaser's expense.

11.3 The Manufacturer's normal working tolerances shall be considered correct for the machines unless otherwise specifically agreed between the Purchaser and the Company, in writing.

11.4 The Company shall by mutual arrangements with the Purchaser provide technical data assistance during run-off or commissioning of the machines or pumps but this does not include routine loading during extended test periods. Any commissioning period, if applicable, shall be for the duration of one (1) working day unless otherwise agreed to in writing.

11.5 Service given free of charge during the Manufacturer's warranty period does not include work properly described as maintenance and repair preventative maintenance must be provided by the Purchaser as recommended by the Manufacturer in order to preserve and fulfil the terms of warranty.

11.6 Extended commissioning shall be subject to the Company's then current rate of charges.

11.7 Where new components are purchased locally or supplied by the Company in order to expedite warranty service the faulty components must be retained by or returned to the Company freight prepaid to enable the Company to support its claim on the Manufacturer.

12. RETURN OF GOODS

Save as herein provided, goods purchased from the Company shall in no case be returned to the Company unless;

(i) the Purchaser first notifies the Company within 3 days of the receipt of goods, of its desire to return goods to the Company, stating the reasons therefor, and

(ii) the Company agrees to accept the return of the goods, subject always to such terms and conditions (if any) as the Company shall in its absolute discretion stipulate, and

(iii) the goods are returned freight prepaid to the Company at its head office warehouse.

(iv) All goods returned will be subject to a handling charge of the greater of $30 or 10% of the sale price of the goods. Any goods which are classified as being made to order or not listed on the Seller's current standard price list are not able to be returned.

Goods returned to the Company shall at all relevant times be at the sole risk of the Purchaser. It shall be the Purchaser's obligation and responsibility to

obtain a written acknowledgment from the Company as to its receipt of goods returned by the Purchaser to the Company pursuant to and in accordance with the terms of this clause.

(v) The goods must be returned in their original packaging and be in an unused and saleable condition. Any repairs (inc repackaging) will be charged tot he purchaser in addition to the restocking fee.

13. DEFINITIONS

In this agreement unless the context requires otherwise the following expressions shall have the following meanings respectively;

(i) "Distributor" means the authorised distributor of the Company

(ii) "Purchaser" means and includes the Distributor (where the context so admits) and the original retail purchaser of the goods (and whether purchased from the Distributor or from the Company direct).

(iii) "Goods" means any goods purchased from the Company.

(iv) "Contract" means all those documents comprising the agreed terms of sale of goods by the Company to the Purchaser including but not limited to purchase order, invoices, the Company's General Terms and Conditions of Sale and such other written material of the Manufacturer and/or the Company relating to the goods and which is issued to or brought to the notice of the Purchaser and any writing of the Purchaser issued to the Company or its Distributor and accepted by the Company as constituting a term or condition of the contract.

(v) "Manufacturer" means the manufacturer of goods sold by the Company.

(vi) "The Company" shall mean and include White International Pty Limited and any other related or associated companies.

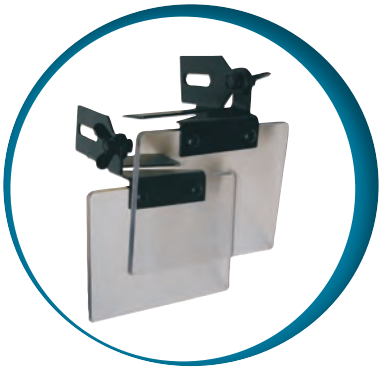
14. PERSONAL INFORMATION

Please refer to our website www.whiteint.com.au to view our privacy policy.

ABBOTT & ASHBY

Proudly Australian Owned Abbott & Ashby are leaders in bench grinders and buffing machines.

Abbott & Ashby offer a broad range of accessories that when used with PA Multitool Add-Ons really maximise the use of your bench grinder. Whether for industrial or domestic use, the accessory products make the job faster, easier and help achieve the required quality finish.



PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
BENCH GRINDERS				
ATBGU/6	500838	**BENCH GRINDER UTILITY 6"/150MM** Abbott & Ashby Utility 150mm Bench Grinder 280 watt - 240 volt 10 amp plug 150mm x 25mm wheels Includes safety eye shields & tool rests Capacitor start, powerful induction motor. Sealed for life bearings, vibration absorbing pads on base Weight 10.3kg	9313540302444	
ATBGU/8	500839	**BENCH GRINDER UTILITY 8"/200MM** Abbott & Ashby Utility 200mm Bench Grinder 375 watt - 240 volt 10 amp plug 200mm x 25mm wheels Includes safety eye shields & tool rests Capacitor start, powerful induction motor. Sealed for life bearings, vibration absorbing pads on base Weight 18kg	9313540302451	
ATBG280/6	500831	**BENCH GRINDER 150MM/6" 280W INDUSTRIAL** Abbott & Ashby Industrial 150mm Bench Grinder 280 watt - 240 volt 10 amp plug 150mm x 25mm wheels Includes heavy duty safety eye shields & heavy duty tool rests Capacitor start, powerful induction motor. Sealed for life bearings, vibration absorbing pads on base Weight 10.3kg	9313540300037	
ATBG600/8	500833	**BENCH GRINDER 200MM/8" 600W INDUSTRIAL** Abbott & Ashby Industrial 200mm Bench Grinder 600 watt - 240 volt 10 amp plug Full 3/4 HP PLUS, the most powerful bench grinder in its class. Fully adjustable tool rests. Features 50mm wide wheel guards to accept the use of wire wheels without fouling. 25mm wide wheels standard. Weight 23kg	9313540300068	
ATBG930/10	500836	**BENCH GRINDER 250MM/10" 1.25HP 240V** Abbott & Ashby Industrial 250mm Bench Grinder 930 watt 1.25 HP - 240 volt 15 amp plug Adjustable tool rests & Safety eye shields Features 50mm wide wheel guards to accept the use of wire wheels without fouling. 25mm wide wheels standard. Weight 45kg	9313540300150	
ATBG600/8WBM	500835	**BENCH GRINDER 200MM/8"-1WIRE WHEEL/1 GR WHEEL** Abbott & Ashby Industrial 200mm Bench Grinder with wire wheel 600 watt - 240 volt 10 amp plug Full 3/4 HP PLUS, the most powerful bench grinder in its class. Fully adjustable tool rests. Features 50mm wide wheel guards to accept the use of wire wheels without fouling. 25mm wide wheels standard. Included 1 x grinding wheel and 1 x wire wheel Weight 23kg	9313540300785	
JEWELLER'S BUFFING MACHINE				
Abbott & Ashby buffing machines dispense with grinding wheels, guards and tool rests, and are designed to take the appropriate accessories for buffing and finishing work, such as spindles (tapered or straight), wire wheels, mops etc				
ATBM280/6	500840	**BUFFING MACHINE (JEWELLERY) 0.37HP 150MM + SPINDLES** 280watt - 240 volt 10amp plug Supplied with precision made tapered jewellers spindles suitable for buffing or polishing using appropriate "mops"	9313540302475	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
ADD-ONS				
ATTR8A	500884	**ADJUSTABLE TOOL REST (RIGHT OR LEFT)** Fits **BOTH** 6" & 8" Abbott & Ashby Bench Grinders	9313540302765	
ATES6	500855	**EYE SHIELD FOR 6" BENCH GRINDER-PAIR** Shatter resistant Perspex	9313540300099	
ATES8	500859	**EYE SHIELD FOR 8" BENCH GRINDER-PAIR** Shatter resistant Perspex	9313540300051	
ATSW6/8NEW	500876	**ON/OFF SWITCH**		
ATPED-HDK	500870	**PEDESTAL HEAVY DUTY SUITS MOST BENCH GRINDERS** Manufactured from heavy duty steel sections, the pedestal is designed to support both 150mm & 200mm bench grinders without taking up valuable bench space.	9313540300167	
ATCAP5MF	500848	CAPACITOR 5 MFD TO SUIT 6" GRINDER		
ATCAP13MF	500844	CAPACITOR 13 MFD TO SUIT 8" GRINDER		

See Multitool Bench Grinder Accessories and Linishing Attachments Pages 12 - 14

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
ABRASIVE BELTS				
Abbott & Ashby's range of abrasive belts covers a wide range sizes for all types of Industrial Power Tools. Whether the job calls for Aluminium Oxide, Silicon Carbide or Scotchbrite® belts, you are sure to find one of the right size and grit within the range, if not, special orders are accepted and quoted on application.				
Aluminium Oxide & Surface Conditioning 25mm x 610mm - (Suits Portagrind)				
AAA25/610-040	500014	ALOX BELT 25X610-40GR (PACK OF 10)	9313540300372	
AAA25/610-060	500015	ALOX BELT 25X610-60GR (PACK OF 10)	9313540300389	
AAA25/610-080	500016	ALOX BELT 25X610-80GR (PACK OF 10)	9313540300396	
AAA25/610-120	500018	ALOX BELT 25X610-120GR (PACK OF 10)	9313540300419	
AAA25/610-180	500019	ALOX BELT 25X610-180GR (PACK OF 10)	9313540300426	
Aluminium Oxide & Surface Conditioning 50mm x 915mm - (Suits PO362 Multitool)				
AAA50/915-040	500032	ALOX BELT 50X915-40GR (PACK OF 10)	9313540300679	
AAA50/915-060	500033	ALOX BELT 50X915-60GR (PACK OF 10)	9313540300686	
AAA50/915-080	500034	ALOX BELT 50X915-80GR (PACK OF 10)	9313540300693	
AAA50/915-100	500035	ALOX BELT 50X915-100GR (PACK OF 10)	9313540300709	
AAA50/915-120	500036	ALOX BELT 50X915-120GR (PACK OF 10)	9313540300716	
AAA50/915-150	500037	ALOX BELT 50X915-150GR (PACK OF 10)	9313540300723	
AAA50/915-180	500038	ALOX BELT 50X915-180GR (PACK OF 10)	9313540300730	
AAA50/915-240	500039	ALOX BELT 50X915-240GR (PACK OF 10)	9313540300747	
AAA50/915-320	500040	ALOX BELT 50X915-320GR (PACK OF 10)	9313540300754	
AAA50/915-400	500041	ALOX BELT 50X915-400GR (PACK OF 10)	9313540300761	
AASCB50/915FP	500199	SURFACE CONDITIONING BELT 50x915F -CARDED	9313540300358	
AASCB50/915M	500200	SURFACE CONDITIONING BELT 50x915 MEDIUM		
AASCB50/915P	500201	POLISHING BELT 50x915F -CARDED	9313540301737	
Aluminium Oxide & Silicone Carbide Packs 50mm x 915mm - (Suits PO362 Multitool)				
AAPACK50/915-40	500170	ALOX BELTS 40 GRIT-COARSE (PACK OF 3)	9313540302642	
AAPACK50/915-80	500173	ALOX BELTS 80 GRIT-MEDIUM (PACK OF 3)	9313540302659	
AAPACK50/915150	500168	ALOX BELTS 150 GRIT-FINE (PACK OF 3)	9313540302666	
AAPACK50/915240	500169	ALOX BELTS 240 GRIT-X FINE (PACK OF 3)	9313540302673	
AAPACK50/915400	500171	ALOX BELTS 400 GRIT-XX FINE (PACK OF 3)	9313540302680	
AAPACK50/915-5	500172	ALOX BELTS ASSORTED (PACK OF 5)	9313540300235	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
AAPACKSCB	500175	ALOX BELTS SILICONE CARBIDE 120G (PACK 3)	9313540302697	
Aluminium Oxide 50mm x 1220mm - (Suits PO482 & PO8CW Multitool)				
AAA50/1220-040	500021	ALOX BELT 50X1220-40GR (PACK OF 10)	9313540300457	
AAA50/1220-060	500022	ALOX BELT 50X1220-60GR (PACK OF 10)	9313540300464	
AAA50/1220-080	500023	ALOX BELT 50X1220-80GR (PACK OF 10)	9313540300471	
AAA50/1220-100	500024	ALOX BELT 50X1220-100GR (PACK OF 10)	9313540300488	
AAA50/1220-120	500025	ALOX BELT 50X1220-120GR (PACK OF 10)	9313540300495	
AAA50/1220-150	500026	ALOX BELT 50X1220-150GR (PACK OF 10)	9313540300501	
AAA50/1220-240	500027	ALOX BELT 50X1220-240GR (PACK OF 10)	9313540300525	
AAA50/1220-400	500028	ALOX BELT 50X1220-400GR (PACK OF 10)	9313540300532	
Aluminium Oxide 100mm x 915mm - (Suits PO364 Multitool)				
AAA100/915-040	500004	ALOX BELT 100X915-40GR (PACK OF 10)	9313540300174	
AAA100/915-060	500005	ALOX BELT 100X915-60GR (PACK OF 10)	9313540300181	
AAA100/915-080	500006	ALOX BELT 100X915-60GR (PACK OF 10)	9313540300198	
AAA100/915-100	500007	ALOX BELT 100X915-100GR (PACK OF 10)	9313540300204	
AAA100/915-120	500008	ALOX BELT 100X915-120GR (PACK OF 10)	9313540300211	
AAA100/915-150	500009	ALOX BELT 100X915-150GR (PACK OF 10)	9313540300228	
AAA100/915-180	500010	ALOX BELT 100X915-180GR (PACK OF 10)	9313540300242	
AAA100/915-240	500011	ALOX BELT 100X915-240GR (PACK OF 10)	9313540300259	
AAA100/915-320	500012	ALOX BELT 100X915-320GR (PACK OF 10)	9313540300266	
Aluminium Oxide 100mm x 1220mm - (Suits PO484 Multitool)				
AAA100/1220-040	500001	ALOX BELT 100X1220-40GR (PACK OF 10)	9313540300273	
AAA100/1220-060	500002	ALOX BELT 100X1220-60GR (PACK OF 10)	9313540300280	
AAA100/1220-080	500003	ALOX BELT 100X1220-80GR (PACK OF 10)	9313540300297	
ABRASIVE DISCS - Self Adhesive				
Aluminium Oxide 175mm - (Suits PO362, PO364, PO482, PO484, PO8CW Multitools)				
Abrasive disc for Multitool. Has self adhesive back for easy installation on to Multitool.				
AADSA175/040	500060	DISC ALOX 175MM SELF ADHESIVE-40G (5 PACK)	9313540300914	
AADSA175/060	500061	DISC ALOX 175MM SELF ADHESIVE-60G (5 PACK)	9313540300921	
AADSA175/080	500062	DISC ALOX 175MM SELF ADHESIVE-80G (5 PACK)	9313540300938	
AADSA175/100	500063	DISC ALOX 175MM SELF ADHESIVE-100G (5 PACK)	9313540300945	
AADSA175/120	500064	DISC ALOX 175MM SELF ADHESIVE-120G (5 PACK)	9313540300952	
AAPACKDSA175-4	500174	DISC ALOX 175MM ASSORTED (PACK OF 4)	9313540301003	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
ABRASIVE DISCS - Hook & Loop				
Backing Pads				
Hook loop self adhesive backing pad. Used for mounting abrasive disc with loop back on to sanding machine				
AABPV/150	500042	BACKING PAD 150MM HOOK & LOOP	9313540300792	
AABPV/175	500043	BACKING PAD 175MM HOOK & LOOP	9313540300808	
AABPV/225	500044	BACKING PAD 225MM HOOK & LOOP	9313540300815	
AABPV/300	500045	BACKING PAD 300MM HOOK & LOOP	9313540300822	
Aluminium Oxide 175mm - (Suits PO362, PO364, PO482, PO484, PO8CW Multitools)				
Abrasive disc for Multitool. Used in conjunction with self adhesive backing disc on Multitool. Ideal for quick removal and replacement.				
AADV175/040	500073	DISC ALOX 175MM HOOK/LOOP BACK 40G (5 PACK)	9313540301157	
AADV175/060	500074	DISC ALOX 175MM HOOK/LOOP BACK 60G (5 PACK)	9313540301164	
AADV175/080	500075	DISC ALOX 175MM HOOK/LOOP BACK 80G (5 PACK)	9313540301171	
AADV175/100	500076	DISC ALOX 175MM HOOK/LOOP BACK 100G (5 PACK)	9313540301188	
AADV175/120	500077	DISC ALOX 175MM HOOK/LOOP BACK 120G (5 PACK)	9313540301195	
Aluminium Oxide 175mm Disc Packs - (Suits PO362, PO364, PO482, PO484, PO8CW Multitools)				
Abrasive disc for Multitool. Used in conjunction with self adhesive backing disc on Multitool. Ideal for quick removal and replacement.				
AAPACKVEL175040	500176	DISC ALOX 175MM HOOK/LOOP 40G (4 PACK)	9313540302703	
AAPACKVEL175060	500177	DISC ALOX 175MM HOOK/LOOP 60G (4 PACK)	9313540302710	
AAPACKVEL175080	500178	DISC ALOX 175MM HOOK/LOOP 80G (4 PACK)	9313540302727	
AAPACKVEL175100	500179	DISC ALOX 175MM HOOK/LOOP 175G (4 PACK)	9313540302734	
AAPACKVEL175-5	500180	DISC ALOX 175MM HOOK/LOOP DISC/PAD PACK (5 PACK)	9313540301348	
BUFFING COMPOUNDS - Suits Buffing Mops				
Blister Packed				
AACOMGREENBL	500047	BUFFING COMPOUND GREEN BLISTER PACK For use with buffing/polishing mops. For a high gloss finish on copper, brass and stainless steel. In blister pack	9313540302505	
AACOMGREYBL	500049	BUFFING COMPOUND GREY BLISTER PACK For quick removal of deep marks, rust, pitting in steel etc. In blister pack	9313540302529	
AACOMREDBL	500051	BUFFING COMPOUND RED BLISTER PACK For use with buffing/polishing mops. General purpose for copper, brass, aluminium and stainless steel. In blister pack	9313540302512	
AACOMWHITEBL	500053	BUFFING COMPOUND WHITE BLISTER PACK Mostly used in finishing stainless steel. In blister pack	9313540302536	
Bulk Packed				
AACOMGREEN	500046	BUFFING COMPOUND GREEN HIGH POLISH For use with buffing/polishing mops. For a high gloss finish on copper, brass and stainless steel.	9313540300839	
AACOMGREY	500048	BUFFING COMPOUND GREY COURSE CUT For quick removal of deep marks, rust, pitting, in steel etc.	9313540300846	
AACOMRED	500050	BUFFING COMPOUND RED GENERAL PURPOSE For use with buffing/polishing mops. General purpose for copper, brass, aluminium and stainless steel.	9313540300853	
AACOMWHITE	500052	BUFFING COMPOUND WHITE HIGH POLISH Mostly used in finishing stainless steel.	9313540300860	

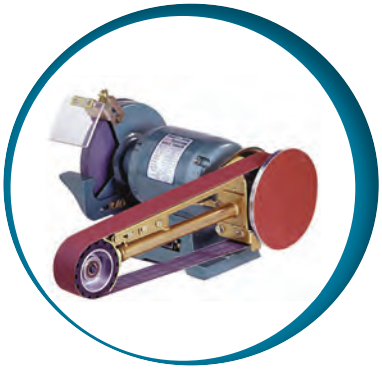
PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
BELT CLEANING STICK				
AASTIK	500212	STIK BELT RESTORER - CARDED Used for unclogging & Rejuvenating Belt & Disc Surfaces	9317987249997	
BUFFING MOPS				
Many applications call for a more refined, brighter finish, from a rough surface to a perfect, mirror-like one. To that effect Abbott & Ashby's range of cloth mops and cutting compounds allow the tradesman to achieve the desired finish in a multitude of materials, from steel to copper, from aluminium to brass and any other metals or alloys encountered in today's workplace.				
Loose Leaf - For Polishing Metals				
AAMOP100/1	500121	LOOSE LEAF MOP 100 x 25 UNPACKED	9313540301638	
AAMOP150/1	500122	LOOSE LEAF MOP 150 x 25 (50 FOLD) RETAIL HANG PACK	9313540301645	
AAMOP200/1	500123	LOOSE LEAF MOP 200 x 25 (50 FOLD) RETAIL HANG PACK	9313540301652	
Stitched - For Heavy Polishing of Metals				
AAMOPST100/1	500162	STITCHED MOP 100 x 25 UNPACKED	9313540301584	
AAMOPST150/1	500163	STITCHED MOP 150 x 25 RETAIL HANG PACK	9313540301591	
AAMOPST200/1	500165	STITCHED MOP 200 x 25 RETAIL HANG PACK	9313540301607	
Industrial Mops - Unpacked				
AAMOPB150/2	500130	CALICO B MOP 150MM X 100 FOLD - LOOSE		
AAMOPB150/3	500131	CALICO B MOP 150MM X 150 FOLD - LOOSE		
AAMOPB150/4	500132	CALICO B MOP 150MM X 200 FOLD - LOOSE		
AAMOPB200/2	500136	CALICO B MOP 200MM X 100 FOLD - LOOSE		
AAMOPB200/3	500137	CALICO B MOP 200MM X 150 FOLD - LOOSE		
AAMOPB200/4	500138	CALICO B MOP 200MM X 200 FOLD - LOOSE		
AAMOPBST150/1	500148	CALICO B MOP 150MM X 50 FOLD-STITCHED		
AAMOPBST150/2	500149	CALICO B MOP 150MM X 100 FOLD-STITCHED		
AAMOPBST150/4	500151	CALICO B MOP 150MM X 200 FOLD-STITCHED		
AAMOPBST200/1	500152	CALICO B MOP 200MM X 50 FOLD-STITCHED		
AAMOPBST200/2	500153	CALICO B MOP 200MM X 100 FOLD-STITCHED		
AAMOPBST200/4	500155	CALICO B MOP 200MM X 200 FOLD-STITCHED		

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
SPINDLES - TAPERED (TO MOUNT BUFFING MOPS ONTO BENCH GRINDERS)				
Bench grinder tapered spindle for the mounting of buffing mops or similar to bench grinders.				
Metric - Right Hand Thread				
AATBE/150RM	500218	TAPERED BUFF EXTENSION 12MM RH SUIT 150MM	9313540302314	
AATBE/200RM	500222	TAPERED BUFF EXTENSION 16MM RH SUIT 200MM	9313540302338	
Metric - Left Hand Thread				
AATBE/150LM	500215	TAPERED BUFF EXTENSION 12MM LH SUIT 150MM	9313540302307	
AATBE/200LM	500220	TAPERED BUFF EXTENSION 16MM LH SUIT 200MM	9313540302321	
SPINDLES - JEWELLERS				
Bench grinder tapered spindle for the mounting small buffing mops or similar to bench grinders. Suitable for jewellery polishing mops				
AATBE/150RJM	500217	JEWELLERS SPINDLE 12MM RH SUIT 150MM A&A	9313540302413	
AATBE/150LJM	500214	JEWELLERS SPINDLE 12MM LH SUIT 150MM A&A	9313540312504	
GRINDING WHEELS (SUIT 150MM + 200MM BENCH GRINDERS)				
Ideal for quick removal of material.				
AAGWA25/150-36	500104	GRINDING WHEEL ALUMINIUM OXIDE 25x150- 36GRIT	9313540301386	
AAGWA25/150-60	500105	GRINDING WHEEL ALUMINIUM OXIDE 25x150- 60GRIT	9313540301393	
AAGWA25/200-36	500107	GRINDING WHEEL ALUMINIUM OXIDE 25x200- 36GRIT	9313540301409	
AAGWA25/200-60	500109	GRINDING WHEEL ALUMINIUM OXIDE 25x200- 60GRIT	9313540301416	
Ideal for more fine work where finish is important. Also suitable for tungsten carbide sharpening.				
AAGWS25/150	500110	GRINDING WHEEL SILICONE CARBIDE 25X150X80GRIT	9313540301454	
AAGWS25/200	500111	GRINDING WHEEL SILICONE CARBIDE 25X200X80GRIT	9313540301461	
Truly Industrial Quality, the closeness and quantity of the wire strands ensures longer, more effective working life. Packed in sturdy hang up display cards. All purpose brushes supplied with multi-fitting bushes13, 16, 20, 22, 26, 30, 36 and 50mm				
AAWB/150	500225	CRIMPED WHEEL 150 x 22MM, 12MM BORE RETAIL HANG PACK	9313540302284	
AAWB/200	500227	CRIMPED WHEEL 200 x 25MM, 16MM BORE RETAIL HANG PACK	9313540302291	

Multitool

The Ultimate finishing tool.

Not Just a Wood Sander. Multitool's patented design is a result of years of research by engineers who have specialised in belt grinding machinery. Superior design and the high tech rubber used in the serrated contact wheel, plus the optimum cutting speed to match the advances in abrasive belt technology make it possible to remove almost any material up to 5 ¼ times faster than the equivalent grit grinding wheel.



PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
BENCH GRINDER ACCESSORIES				
POSPANNER	506954	ADJUSTABLE PIN SPANNER FITS MOST ANGLE GRINDERS	9314294000037	
POS	510920	**HEAVY DUTY BENCH GRINDER STAND** Suitable for **POTST** Tilt Conversion Kit	9314294000150	
POTST	510921	**TOOL REST & TILT KIT FOR POS STAND** Converts **POS** Bench Grinder Stand into Tilt Stand for all Multitools. Provides a stable platform for more precise grinding.	9314294000149	

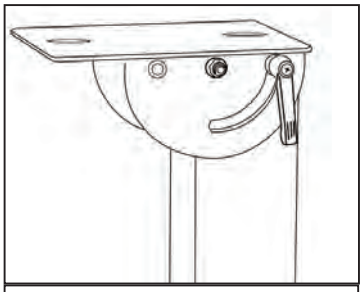


Figure 1

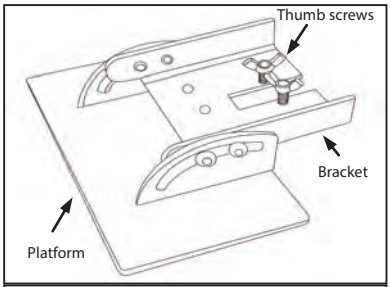


Figure 2

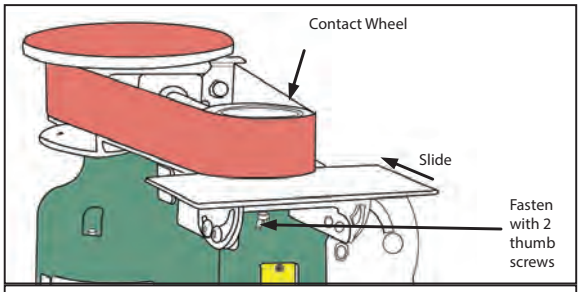
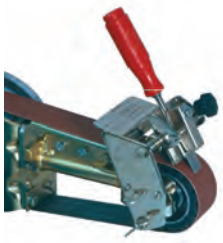


Figure 3

POTS	510919	**BENCH GRINDER STAND COMPLETE WITH TILT TABLE** **(POS + POTST = POTS)** **This item does NOT come with bench grinder or multitool.**	9314294000136	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
LINISHING ATTACHMENTS				
PO362	506885	**MULTITOOL ATTACHMENT #362 50 x 915 MM BELT** Belt and disc linishing attachment with a 915mm x 50mm belt, 178mm disc, 89mm contact wheel. Suits most 150mm & 200mm bench grinders with a minimum of 1/3 HP and screw mounted guards. Ideal for those finishing jobs such as tool sharpening, edge sanding, smoothing welds, polishing etc. Use on many materials such as wood, plastics, metals and ceramics with a quick change of belt. Weight 4.88kg	9314294000044	
PO364	506907	**MULTITOOL ATTACHMENT #364 100 x 915MM BELT** Belt and disc linishing attachment with a 915mm x 100mm belt, 178mm disc, 89mm contact wheel. Suits most 200mm bench grinders with a minimum of 1/2HP and screw mounted guards. Ideal for those finishing jobs such as tool sharpening, edge sanding, smoothing welds, polishing etc. Use on many materials such as wood, plastics, metals and ceramics with a quick change of belt. Weight 6.55kg	9314294000082	
PO482	506917	**MULTITOOL ATTACHMENT #482 50 x 1220MM BELT** Belt and disc linishing attachment with a 1220mm x 50mm belt, 178mm disc, 89mm contact wheel. Suits most 200mm bench grinders with a minimum of 1/2HP and screw mounted guards. Ideal for those finishing jobs such as tool sharpening, edge sanding, moothing welds, polishing etc. Use on many materials such as wood, plastics, metals and ceramics with a quick change of belt. Weight 5.45kg	9314294000075	 benchgrinder not included
PO484	506923	**MULTITOOL ATTACHMENT #484 100 x 1220MM BELT** Belt and disc linishing attachment with a 1220mm x 100mm belt, 178mm disc, 89mm contact wheel. Suits most 200mm bench grinders with a minimum of 1/2HP and screw mounted guards. Ideal for those finishing jobs such as tool sharpening, edge sanding, smoothing welds, polishing etc. Use on many materials such as wood, plastics, metals and ceramics with a quick change of belt. Weight 7.57kg	9314294000112	 benchgrinder not included
LINISHING ATTACHMENTS - WITH BENCH GRINDER				
PO362PLUS	506902	**362 MULTITOOL FITTED TO 6" INDUSTRIAL GRINDER** Belt grinding attachment mounted on the Abbott & Ashby 150mm Industrial Bench Grinder. 50 x 915mm belt. 178mm diameter disc. Ideal for grinding, sanding & polishing. 3 year warranty.	808224000024	
PO362PLUS8	506903	**362 MULTITOOL FITTED TO 8" INDUSTRIAL GRINDER** Mutlitool #362 belt grinding attachment mounted on the Abbott & Ashby 200mm Industrial Bench Grinder.	9314294000051	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
SHARPENING JIG				
POJIG	506944	TOOL SHARPENING JIG SUITS MULTITOOL Multitool sharpenig jig accessory enables a professional result when sharpening chisels, planer blades, and screwdrivers. Easily fitted to multitools. Fits all Multitools except 8CW. For sharpening chisels up to 51mm, plane blades up to 60mm and power planer blades up to 82mm. Slotted screwdrivers up to 10mm square can also be retipped.	8032240000672	
MITRE TABLE ATTACHMENT				
POMTA	506948	MITRE TABLE ATTACHMENT SUITS MULTITOOL Fits all Multitool models. Table can be tilted up 5 degrees & down 50 degrees. Table size is 110 x 204mm. The accurate way to grind ends square and adjust lengths and angles.	9314294000068	
CONTACT WHEELS				
PO3623500	506894	CONTACT WHEEL 89x50 SUITS 362,482,602		
PO3643501	506912	CONTACT WHEEL SUITS 364,484 & 604		
PO2412800	506884	CONTACT WHEEL PORTAGRIND		
DRIVE PULLEYS				
PO3624000	506895	DRIVE PULLEY (7"DISC) SUITS 362,482 & 8CW		
PO3644000	506913	DRIVE PULLEY TO SUIT 364 & 484		
POP9	506949	MULTITOOL DRIVE (9 DISC) 482 & 602		

STAR-M

AUGER BITS

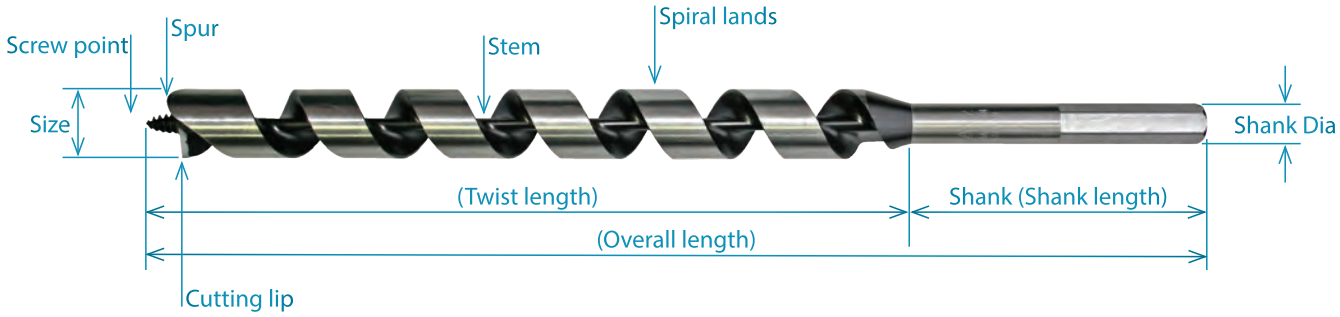
STAR-M - *market leader in Innovation & Quality. Their ongoing commitment to the study of metallurgy has allowed them to deliver a more durable AUGER that retains its sharpness.*

NO. 4 & NO. 6 SERIES SOFTWOOD DRILL AUGERS

- *These ranges are often referred to as CLEAN CUTTING AUGERS, due to the clean cutting wing, or spur on the front.*
- *The spur pre-cuts the material before the cutting edge & provides a clean entry & exit to the timber.*
- *The screw point pulls the bit through. The single twist or flute clears the chips & leaves a cylindrical drilling body to aid straight drilling.*
- *These bits drill a tidy hole without surface breakage & are best suited to SOFT WOODS such as those found in house frames.*
- *Common users of these auger bits are carpenters, electricians & plumbers.*

NO. 8 HARDWOOD SHIP AUGERS

- *These are also known as SHIP AUGERS. Hardened to increase bit life.*
- *Despite a hardness of 57-58 Rockwell C, augers can be sharpened with a needle, diamond file or mounted point.*
- *Ideal for use in HARDWOOD applications such as telephone poles, timber bridges & pest control applications.*
- *Ship Augers have an extra cutting edge turning backwards from the leading edge to clear & size the hole. The absence of a cutting wing offers easier drilling through hardwood.*



DESIGNED & MADE FOR AUSTRALIAN TIMBER

Augers are a consumable item, and are not covered by warranty for incorrect use.

STAR-M

AUGERS

NO. 4L - EXTENDED LENGTH DRILL AUGER BITS

This auger is recommended for deep boring over 240mm. The auger maintains high precision and eliminates lateral vibration.

PART NO.	ITEM	SIZE	OVERALL LENGTH	TWIST LENGTH	SHANK (Dia)	BARCODE
STM4L010	704851	10mm	508mm	457mm	9.2mm	4962660350108
STM4L013	704853	13mm	508mm	457mm	12.3mm	4962660350139
STM4L016	704855	16mm	508mm	457mm	12.7mm	4962660350160
STM4L018	704856	18mm	508mm	457mm	12.7mm	4962660350184
STM4L019	704857	19mm	508mm	457mm	12.7mm	4962660350191
STM4L021	704858	21mm	508mm	457mm	12.7mm	4962660350214
STM4L022	704859	22mm	508mm	457mm	12.7mm	4962660350221
STM4L024	704861	24mm	508mm	457mm	12.7mm	4962660350245
STM4L025	704862	25mm	508mm	457mm	12.7mm	4962660350252

NO. 4S - STANDARD DRILL AUGER BITS

These augers can withstand high speeds yet possess the precision to be used over a wide range of holes from shallow to deep.

PART NO.	ITEM	SIZE	OVERALL LENGTH	TWIST LENGTH	SHANK (Dia)	BARCODE
STM4S010	704869	10mm	240mm	180mm	7.0mm	4962660304101
STM4S011	704870	11mm	250mm	190mm	7.0mm	4962660304118
STM4S013	704871	13mm	270mm	195mm	12.7mm	4962660304132
STM4S014	704872	14mm	290mm	210mm	12.7mm	4962660304149
STM4S016	704873	16mm	290mm	210mm	12.7mm	4962660304163
STM4S019	704875	19mm	330mm	238mm	12.7mm	4962660304194
STM4S022	704876	22mm	330mm	238mm	12.7mm	4962660304224
STM4S025	704877	25mm	330mm	238mm	12.7mm	4962660304255

NO. 6 - COMBINATION POWER DRILL/HAND BRACE

The bit is equipped with an axis usable both with electric drill and hand brace. Useful when boring many holes at a time.

PART NO.	ITEM	SIZE	OVERALL LENGTH	TWIST LENGTH	SHANK (Dia)	BARCODE
STM6008	704884	8mm	170mm	100mm	7mm	4962660306082
STM6010	704885	10mm	190mm	119mm	7mm	4962660306105
STM6011	704886	11mm	190mm	119mm	7mm	4962660306112
STM6013	704887	13mm	190mm	119mm	7mm	4962660306129
STM6014	704888	14mm	200mm	129mm	10mm	4962660306143
STM6016	704889	16mm	200mm	129mm	10mm	4962660306167
STM6018	704890	18mm	200mm	129mm	10mm	4962660306181
STM6019	704891	19mm	200mm	129mm	10mm	4962660306198
STM6021	704892	21mm	210mm	138mm	10mm	4962660306211
STM6022	704893	22mm	210mm	138mm	10mm	4962660306228

PART NO.	ITEM	SIZE	OVERALL LENGTH	TWIST LENGTH	SHANK (Dia)	BARCODE	IMAGE
SHIP AUGERS - NO. 8 MEDIUM							
The performance of this auger makes them ideal for use in HARDWOOD applications.							
STM8M010	704930	10mm	305mm	230mm	10mm	9312198853933	
STM8M011	704931	11mm	305mm	230mm	10mm	9312198853940	
STM8M012	704932	12mm	305mm	230mm	11mm	9312198853957	
STM8M013	704933	13mm	305mm	230mm	12mm	9312198853964	
STM8M014	704934	14mm	305mm	230mm	12.55mm	9312198853971	
STM8M016	704935	16mm	305mm	230mm	12.55mm	9312198853988	
STM8M018	704936	18mm	305mm	230mm	12.55mm	9312198853995	
STM8M019	704937	19mm	305mm	230mm	12.55mm	9312198854008	
STM8M022	704938	22mm	305mm	230mm	12.55mm	9312198854015	
STM8M025	704939	25mm	305mm	230mm	12.55mm	9312198854022	
STM8M029	704940	29mm	305mm	230mm	12.55mm	9312198854039	
STM8M032	704941	32mm	305mm	230mm	12.55mm	9312198854046	
SHIP AUGERS - NO. 8 LONG							
The performance of this auger makes them ideal for use in HARDWOOD applications.							
STM8010	704903	10mm	457mm	381mm	10mm	9312198838923	
STM8011	704904	11mm	457mm	381mm	11mm	9312198838930	
STM8012	704905	12mm	457mm	381mm	11mm	9312198855036	
STM8013	704906	13mm	457mm	381mm	12mm	9312198838947	
STM8014	704907	14mm	457mm	381mm	12.55mm	9312198838954	
STM8016	704908	16mm	457mm	381mm	12.55mm	9312198838961	
STM8018	704912	18mm	457mm	381mm	12.55mm	9312198838985	
STM8019	704914	19mm	457mm	381mm	12.55mm	9312198838992	
STM8022	704917	22mm	457mm	381mm	12.55mm	9312198838012	
STM8025	704920	25mm	457mm	381mm	12.55mm	9312198838029	
STM8027	704923	27mm	457mm	381mm	12.55mm	9312198838036	
STM8029	704925	29mm	457mm	381mm	12.55mm	9312198838043	
STM8032	704927	32mm	457mm	381mm	12.55mm	9312198838050	
SHIP AUGERS - NO. 8 EXTRA LONG							
The performance of this auger makes them ideal for use in HARDWOOD applications.							
STM8019L600	704915	19mm	600mm	381mm	12.55mm	9312198848601	
STM8022L600	704919	22mm	600mm	381mm	12.55mm	9312198848618	
STM8025L600	704921	25mm	600mm	381mm	12.55mm	9312198848625	
SHIP AUGERS - NO. 8 EXTRA EXTRA LONG							
The performance of this auger makes them ideal for use in HARDWOOD applications.							
STM8016EXL	704909	16mm	770mm	381mm	12.55mm	9312198848663	

MORRISON

Woodboring Tools established 1850

Pigeon Brand woodboring auger bits that have been specifically designed and developed for boring Australian Hardwoods.

Manufactured in Sheffield England.

J E Morrison & Sons Ltd. is one of the world's most experienced manufacturers of woodboring tools, with over 160 years accumulated expertise.

All Morrison auger bits are Scotch Pattern, single twist bits needed for hardwood boring with Machine Bits available in 12" with 8" twist & 16" with 12" twist length, 24" Eyed Augers and a small range of shorter auger bits designed for use with a Brace.

MORRISON

AUGERS

EYED AUGER - SCOTCH PATTERN

The Scotch Pattern Eyed Auger is used for railway track laying work and also for general purpose rough boring. The eye allows a large handle (similar to broom handle) to be inserted into the eye allowing significant leverage when boring holes in hardwood. Typically used when power is not available. 600mm overall length with 175mm twist.

PART NO.	ITEM	SIZE	TWIST LENGTH	OVERALL LENGTH	SHANK DIA.	BARCODE
MR75A08	506196	1/4"(6mm)	175mm (7")	600mm (24")	16mm (5/8")	9313540100019
MR75A10	506197^	5/16"(8mm)	175mm (7")	600mm (24")	16mm (5/8")	9313540100026
MR75A12	506198	3/8"(10mm)	175mm (7")	600mm (24")	16mm (5/8")	9313540100033
MR75A14	506199^	7/16"(11mm)	175mm (7")	600mm (24")	16mm (5/8")	9313540100040
MR75A16	506200	1/2"(13mm)	175mm (7")	600mm (24")	16mm (5/8")	9313540100057
MR75A18	506201	9/16"(14mm)	175mm (7")	600mm (24")	16mm (5/8")	9313540100064
MR75A20	506202	5/8"(16mm)	175mm (7")	600mm (24")	16mm (5/8")	9313540100071
MR75A22	506203	11/16"(17mm)	175mm (7")	600mm (24")	16mm (5/8")	9313540100088
MR75A24	506204	3/4"(19mm)	175mm (7")	600mm (24")	16mm (5/8")	9313540100095
MR75A26	506205^	13/16"(20mm)	175mm (7")	600mm (24")	16mm (5/8")	9313540100101
MR75A28	506206	7/8"(22mm)	175mm (7")	600mm (24")	16mm (5/8")	9313540100118
MR75A30	506207	15/16"(24mm)	175mm (7")	600mm (24")	16mm (5/8")	9313540100125
MR75A32	506208	1"(25Mm)	175mm (7")	600mm (24")	16mm (5/8")	9313540100132
MR75A34	506209^	1.1/16"(26mm)	175mm (7")	600mm (24")	16mm (5/8")	9313540100149
MR75A36	506210	1.1/8"(28mm)	175mm (7")	600mm (24")	16mm (5/8")	9313540100156
MR75A40	506211	1.1/4"(32mm)	175mm (7")	600mm (24")	16mm (5/8")	9313540100163
MR75A44	506212^	1.3/8"(35mm)	175mm (7")	600mm (24")	16mm (5/8")	9313540108220
MR75A48	506213	1.1/2"(38mm)	175mm (7")	600mm (24")	16mm (5/8")	9313540100170
MR75A56	506214	1.3/4"(44mm)	175mm (7")	600mm (24")	16mm (5/8")	9313540100194
MR75A64	506215	2"(50mm)	175mm (7")	600mm (24")	16mm (5/8")	9313540100200

AUGER BIT FOR BRACE - SCOTCH PATTERN

The Scotch Pattern Brace Auger is used to bore holes in all varieties of hardwood timber. The unique shank allows the auger to be mounted in a hand brace. Typically used when power is not available. 200-250mm (8"-10") approximate length.

MR75/98A08	506181^	1/4"(6mm)				9313540100217
MR75/98A10	506182	5/16"(8mm)				9313540100224
MR75/98A12	506183	3/8"(10mm)				9313540100231
MR75/98A14	506184	7/16"(12mm)				9313540100248
MR75/98A16	506185	1/2"(13mm)				9313540100255
MR75/98A18	506186	9/16"(14mm)				9313540100262
MR75/98A20	506187	5/8"(16mm)				9313540100279
MR75/98A22	506188	11/16"(18mm)				9313540100286
MR75/98A24	506189	3/4"(19mm)				9313540100293
MR75/98A26	506190	13/16"(20mm)				9313540100309
MR75/98A28	506191	7/8"(22mm)				9313540100310
MR75/98A32	506193	1"(25mm)				9313540100323
MR75/98A36	506194^	1.1/8"(28mm)				

WAGON BIT - SCOTCH PATTERN

The Scotch Pattern Auger is used to bore holes in hardwood timber. The round shank allows the auger to be mount in a portable drilling machine. Screw point lead.

MR89A14	506219^	7/16"(11mm)	250mm (10")	380mm (15")		9313540100507
MR89A16	506220^	1/2"(13mm)	250mm (10")	380mm (15")		9313540100514

PART NO.	ITEM	SIZE	TWIST LENGTH	OVERALL LENGTH	SHANK DIA.	BARCODE	IMAGE
MACHINE AUGER - SCOTCH PATTERN							
The Scotch Pattern Machine Auger is used to bore holes in hardwood timber. The round shank allows the auger to be mount in a portable drilling machine. All shanks and twists are machine ground. Typically used for boring holes in railway sleepers and hardwood fences. Screw point lead. This type of bit is made specially for Portable Electric and Pneumatic Drills. Do NOT try to drill beyond the depth of twist, which is likely to cause breakage.							
300mm / 12"							
MR95/12A08	506227^	1/4"(6mm)	200mm (8")	300mm (12")	5.80	9313540100606	
MR95/12A10	506228	5/16"(8mm)	200mm (8")	300mm (12")	5.80	9313540100613	
MR95/12A12	506229	3/8"(10mm)	200mm (8")	300mm (12")	5.45	9313540100620	
MR95/12A14	506230	7/16"(11mm)	200mm (8")	300mm (12")	5.45	9313540100637	
MR95/12A16	506231	1/2"(13mm)	200mm (8")	300mm (12")	5.45	9313540100644	
MR95/12A18	506232	9/16"(14mm)	200mm (8")	300mm (12")	5.80	9313540100651	
MR95/12A20	506233	5/8"(16mm)	200mm (8")	300mm (12")	6.10	9313540100668	
MR95/12A22	506234	11/16"(17mm)	200mm (8")	300mm (12")	6.45	9313540100675	
MR95/12A24	506235	3/4"(19mm)	200mm (8")	300mm (12")	6.90	9313540100682	
MR95/12A26	506236	13/16"(20mm)	200mm (8")	300mm (12")	7.70	9313540100699	
MR95/12A28	506237	7/8"(22mm)	200mm (8")	300mm (12")	8.20	9313540100705	
MR95/12A30	506238^	15/16"(24mm)	200mm (8")	300mm (12")	9.05	9313540100712	
MR95/12A32	506239	1"(25mm)	200mm (8")	300mm (12")	9.25	9313540100729	
MR95/12A36	506240	1.1/8"(28mm)	200mm (8")	300mm (12")	10.80	9313540100736	
MR95/12A40	506241	1.1/4"(32mm)	200mm (8")	300mm (12")	11.55	9313540100743	
400mm / 16"							
MR95/16A08	506242^	1/4"(6mm)	300mm (12")	400mm (16")	8.70	9313540100750	
MR95/16A10	506243	5/16"(8mm)	300mm (12")	400mm (16")	8.70	9313540100767	
MR95/16A12	506244	3/8"(10mm)	300mm (12")	400mm (16")	8.35	9313540100774	
MR95/16A14	506245	7/16"(11mm)	300mm (12")	400mm (16")	8.35	9313540100781	
MR95/16A16	506246	1/2"(13mm)	300mm (12")	400mm (16")	8.35	9313540100798	
MR95/16A18	506247	9/16"(14mm)	300mm (12")	400mm (16")	8.70	9313540100804	
MR95/16A20	506248	5/8"(16mm)	300mm (12")	400mm (16")	9.05	9313540100811	
MR95/16A22	506249	11/16"(17mm)	300mm (12")	400mm (16")	9.45	9313540100828	
MR95/16A24	506250	3/4"(19mm)	300mm (12")	400mm (16")	9.75	9313540100835	
MR95/16A26	506251	13/16"(20mm)	300mm (12")	400mm (16")	10.45	9313540100842	
MR95/16A28	506252	7/8"(22mm)	300mm (12")	400mm (16")	10.70	9313540100859	
MR95/16A30	506253	15/16"(24mm)	300mm (12")	400mm (16")	11.10	9313540100866	
MR95/16A32	506254	1"(25mm)	300mm (12")	400mm (16")	11.50	9313540100873	
MR95/16A36	506255	1.1/8"(28mm)	300mm (12")	400mm (16")	12.25	9313540100880	
MR95/16A40	506256	1.1/4"(32mm)	300mm (12")	400mm (16")	13.85	9313540100897	

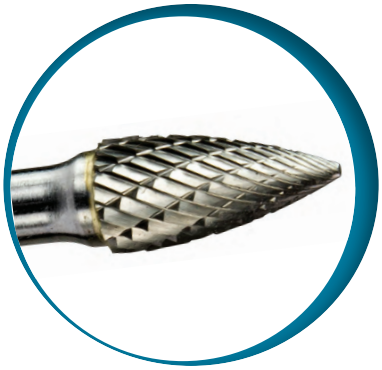
MORRISON

Visit our website: www.whiteint.com.au
For the latest news and information.

Experience
Servicing industry since 1962, Menlo USA is a leading manufacturer & supplier of superior quality cylindrical carbide cutting tools. All products are made in Warren, Michigan USA.

Accuracy
Attention to detail is what sets Menlo Carbide Burrs & products apart. Menlo Carbide Burrs are renown for their excellent surface quality, high cutting performance & long cutting life.

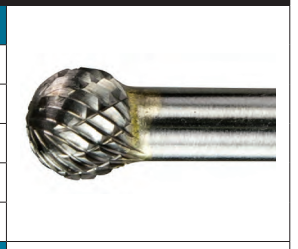
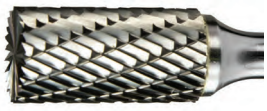
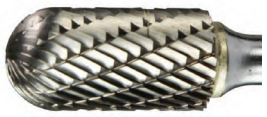
Quality & Service
At Menlo, quality control is paramount. Certifications such as Ford Motor Company's Q1 rating attest to Menlo's commitment to provide superior products professionals can rely on.



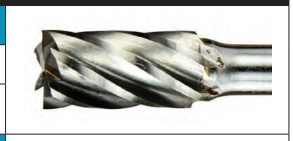
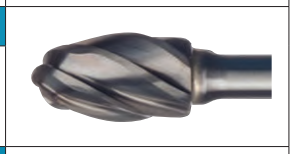
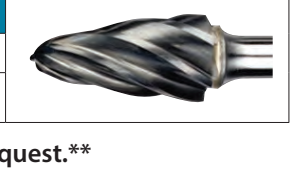
Operating Recommendations
- Burrs should always be run at high speeds using a die grinder.
- Electric Power tools are too slow & will cause "Chatter" & breakage.
- The Burr should be at full speed before it makes contact with the work piece.
- Allow the Burr to cut on its own. Do not apply excessive force.
- Place the Burr as far back as you can in your Die grinder.
- If sparks are evident, either the burr is worn out or the work piece material is too hard.
- Carbide is a hard & brittle material.
- Burrs should not be dropped or used on fully hardened steels.
- Only 30% of a Burr should be in contact with the work piece at any one time. Do not use them like a drill.
- Instead, the Burr should be used in a clockwise direction around a hole.
- Optimum results will be achieved through constant light pressure in a clockwise direction. Smooth light pressure will result in a better finish, superior metal removal & a longer life of your Burr.
- Where possible, Aluminium Cut Burrs should be coated with a lubricant to aid chip removal. These burrs tend to 'clog' up during use.
- Suggested Burr speeds for Burrs are shown in the table at the end.

WARRANTY:
Burrs are a consumable item & will wear out. Any returned burr that exhibits any of the below 'Signs of Misuse' will not be covered by warranty

Signs of misuse are:
• Chips without any other damage. This is caused by the Burr being dropped.
• The Burr head is missing & is discoloured. This is caused by too much pressure overheating the Burr resulting in the brazed joint melting.
• Radial chipping around the Burr. This is caused by the Burr being used in too small a hole.
• Erratic chipping of the Burr. This is caused by the Burr being used at too slow a speed (usually in a power tool)

PART NO.	ITEM	Part Nos.			Cutter		Shank	Overall	BARCODE	IMAGE
		Garryson	Bordo	Suttons	Dia.	Length	Dia.	Length		
DOUBLE CUT BURRS										
"B" - BALL SHAPE BURRS - DOUBLE CUT										
MENBB2(1)D	703229	7200-8C	SD-42	SD420	1/8	3/32	1/8	1 1/2	69796700754	
MENBB4D	703234	7400-4C	SD-1	SD100	1/4	7/32	1/4	2	69796700791	
MENBB5D	703236	7500-4C	SD-2	SD200	5/16	1/4	1/4	2 1/4	69796700811	
MENBB6D	703238	7600-4C	SD-3	SD300	3/8	5/16	1/4	2 5/16	69796700821	
MENBB8D	703242	7700-4C	SD-5	SD500	1/2	7/16	1/4	2 9/16	69796700831	
"CO" - CONE SHAPE BURRS - DOUBLE CUT										
MENBCO4(3)D	703249		SM-3	SM300	1/4	1	1/4	2	69796701084	
MENBCO6D	703251	2600-4C	SM-4	SM400	3/8	5/8	1/4	2 5/8	69796701104	
MENBCO8D	703252	2700-4C	SM-5	SM500	1/2	7/8	1/4	2 7/8	69796701114	
"CP" - CYLINDER SHAPE PLAIN END BURRS - DOUBLE CUT										
MENBCP2(1)D	703264	1200-8C	SA-43		1/8	9/16	1/8	1 1/2	69796700124	
MENBCP4D	703273	1400-4C	SA-1		1/4	5/8	1/4	2	69796700164	
MENBCP5D	703276	1500-4C	SA-2		5/16	3/4	1/4	2 3/4	69796700194	
MENBCP6D	703279	1600-4C	SA-3		3/8	3/4	1/4	2 3/4	69796700204	
MENBCP8D	703285	1700-1-4C	SA-5		1/2	1	1/4	3	69796700224	
MENBCP10D	703255	1800-4C	SA-6		5/8	1	1/4	3	69796700234	
"CP" - CYLINDER SHAPE WITH END CUT BURRS - DOUBLE CUT										
MENBCP4D-E	703274	1402-4C	SB-1	SA100	1/4	5/8	1/4	2	69769790164	
MENBCP5D-E	703277	1502-4C	SB-2	SA200	5/16	3/4	1/4	2 3/4	69796790194	
MENBCP6D-E	703280	1602-4C	SB-3	SA300	3/8	3/4	1/4	2 3/4	69796790204	
MENBCP7D-E	703283		SB-4	SA400	7/16	1	1/4	3	69796790214	
MENBCP8D-E	703286	1702-1-4C	SB-5	SA500	1/2	1	1/4	3	69796790224	
MENBCP10D-E	703256	1802-4C	SB-6	SA600	5/8	1	1/4	3	69796790234	
"CR" - CYLINDER SHAPE RADIUS END BURRS - DOUBLE CUT										
MENBCR4D	703299	3400-4C	SC-1	SC100	1/4	5/8	1/4	2	69796700324	
MENBCR5D	703301	3500-4C	SC-2	SC200	5/16	3/4	1/4	2 3/4	69796700344	
MENBCR6D	703303	3600-4C	SC-3	SC300	3/8	3/4	1/4	2 3/4	69796700354	
MENBCR8D	703307	3700-1-4C	SC-5	SC500	1/2	1	1/4	3	69796700374	
MENBCR10D	703290	3800-4C	SC-6	SC600	5/8	1	1/4	3	69796700384	
"F" - FLAME SHAPE BURRS - DOUBLE CUT										
MENBF5D	703313	5550-4C	SH-2	SH200	5/16	3/4	1/4	2 3/4	69796700984	
MENBF8D	703315	5600-4C	SH-5	SH500	1/2	1 1/4	1/4	3 1/4	69796700994	
MENBF10D	703309		SH-6	SH600	5/8	1 7/16	1/4	3 7/16	69796701004	
"OV" - OVAL SHAPE BURRS - DOUBLE CUT										
MENBOV4D	703330		SE-1	SE100	1/4	3/8	1/4	2	69796700684	
MENBOV6D	703333	5500-4C	SE-3	SE300	3/8	5/8	1/4	2 5/8	69796700704	
MENBOV8D	703336	5700-4C	SE-5	SE500	1/2	7/8	1/4	2 7/8	69796700714	
"T" - 14 DEGREE TAPER SHAPE RADIUS END BURRS - DOUBLE CUT										
MENBT4D	703344	4400-4C	SL-1	SL100	1/4	5/8	1/4	2	69796700904	
MENBT5D	703346		SL-2	SL200	5/16	7/8	1/4	2 7/8	69796700914	
MENBT6D	703348	4600-1-4C	SL-3	SL300	3/8	1 1/16	1/4	3 1/16	69796700924	
MENBT8D	703351	4700-4C	SL-4	SL400	1/2	1 1/8	1/4	3 1/8	69796700934	
MENBT10D	703339	4800-4C	SL-6	SL600	5/8	1 5/16	1/4	3 5/16	69796700944	

Please note that other shapes and sizes of Menlo burrs are available upon request.

PART NO.	ITEM	Part Nos.			Cutter		Shank	Overall	BARCODE	IMAGE
		Garryson	Bordo	Suttons	Dia.	Length	Dia.	Length		
"TP" - TREE SHAPE POINTED END BURRS - DOUBLE CUT										
MENBTP6D	703362	6500-4C	SG-3	SG300	3/8	3/4	1/4	2 3/4	69796700604	
MENBTP8(2)D	703363	6800-4C	SG-5	SG500	1/2	1	1/4	3	69796700624	
"TR" - TREE SHAPE RADIUS END BURRS - DOUBLE CUT										
MENBTR4D	703373	9400-4C	SF-1	SF100	1/4	3/4	1/4	2	69796700444	
MENBTR6D	703376	9600-4C	SF-3	SF300	3/8	3/4	1/4	2 3/4	69796700464	
MENBTR8(2)D	703380	9700-4C	SF-5	SF500	1/2	1	1/4	3	69796700484	
MENBTR10D	703365	9800-4C	SF-6	SF600	5/8	1	1/4	3	69796700494	
ALUMINIUM CUT BURRS										
"CP" - CYLINDER SHAPE BURRS - ALUMINIUM CUT WITH END CUT										
MENBCP6A	703278	TTA260-4	SB-3NF	SB3AC	3/8	3/4	1/4	2 3/4	69796701212	
MENBCP8A	703284	TTA270-4	SB-5NF	SB5AC	1/2	1	1/4	3	69796701213	
"CR" - CYLINDER SHAPE RADIUS END BURRS - ALUMINIUM CUT										
MENBCR4A	703298		SC-1NF	SC1AC	1/4	3/4	1/4	2	69796701221	
MENBCR6A	703302	TTA360-4	SC-3NF	SC3AC	3/8	3/4	1/4	2 3/4	69796701222	
MENBCR8A	703306	TTA370-4	SC-5NF	SC5AC	1/2	1	1/4	3	69796701223	
"OV" - OVAL SHAPE BURRS - ALUMINIUM CUT										
MENBOV4A	703329		SE-1NF	SE1AC	1/4	3/8	1/4	2	69796701241	
"T" - 14 DEGREE TAPER SHAPE RADIUS END BURR - ALUMINIUM CUT										
MENBT8A	703350	TTA470-4	SL-4NF	SL4AC	1/2	1 1/8	1/4	3 1/8	69796701253	
"TR" - TREE SHAPE RADIUS END BURRS - ALUMINIUM CUT										
MENBTR6A	703375	TTA960-4	SF-3NF	SF3AC	3/8	3/4	1/4	2 3/4	69796701232	
MENBTR8(2)A	703379	TTA970-4	SF-5NF	SF5AC	1/2	1	1/4	3	69796701233	

Please note that other shapes and sizes of Menlo burrs are available upon request.

SUGGESTED BURR SPEEDS

Cutter Dia. "	Cutter Dia. mm	Double Cut	Aluminium Cut	
1/16	1.6	60,000	-	Speeds shown are a starting point only for common materials such as steel. Variations may be required to achieve optimum results and where the work piece is a harder or softer material. Extra Long Burrs should be used at reduced speeds.
1/8	3.18	40,000	-	
3/16	4.76	35,000	-	
1/4	6.35	30,000	22,000	
5/16	7.94	20,000	15,000	
3/8	9.53	20,000	15,000	
1/2	12.7	15,000	11,000	
5/8	15.88	12,000	9,000	
3/4	19.05	10,000	7,500	
1	25.4	7,500	5,500	

PART NO.	ITEM	Part Nos.			Cutter		Shank	Overall	BARCODE	IMAGE
		Garryson	Bordo	Suttons	Dia.	Length	Dia.	Length		
DOUBLE CUT BURR SETS										
MENBURRUNIT8	**703383**	**BURR SET 8 PIECE SET WITH 3/8" BURRS** Includes - 8 popular 3/8" burrs with 1/4" shanks in a plastic case. MENBB6D Ball Shape, MENBCO6D Cone Shape, MENBCP6D Cylindrical - Plain End, MENBCR6D Cylindrical - Radius End, MENBOV6D Oval Shape, MENBT6D Taper Shape, MENBTP6D Tree Shape - Pointed End, MENBTR6D Tree Shape - Radius End							69769701487	
MENBTOOL13	**703353**	**BURR SET 12 PIECE SET WITH 1/8" SHANK** Includes - 12 burrs (includes every shape available) with 1/8" shanks in a plastic case. MENBB2(1)D Ball Shape 1/8" burr MENBCO2(2)D Cone Shape 1/8" burr MENBCP1.5D Cylindrical - Plain End 3/32" burr MENBCP2(1)D Cylindrical - Plain End 1/8" burr MENBCR1.5D Cylindrical - Radius End 3/32" burr MENBCR2(1)D Cylindrical - Radius End 1/8" burr MENBF2(1)D Flame Shape 1/8" burr MENBIC2(1)D Inverted Cone Shape 1/8" burr MENBOV2(1)D Oval Shape 1/8" burr MENBT2(2)D Taper Shape 1/8" burr MENBTP2(3)D Tree Shape - Pointed End 1/8" burr MENBTR2(1)D Tree Shape - Radius End 1/8" burr							69769701454	
MERCHANDISING STAND										
MENBURR48	**801103**	**MERCHANDISING STAND 48 PIECE** 48 popular burrs with 1/4" shanks in a Perspex® display case. Includes: 2 of each of the following burrs MENBB4D Double Cut Ball 1/4" burr MENBB6D Double Cut Ball 3/8" burr MENBCP4D Double Cut Plain End Cylinder 1/4" burr MENBCP4D-E Double Cut With End Cut Cylinder 1/4" burr MENBCP6D-E Double Cut With End Cut Cylinder 3/8" burr MENBCP8D-E Double Cut With End Cut Cylinder 1/2" burr MENBCR4D Double Cut Radius End Cylinder 1/4" burr MENBCR5D Burr Double Cut Radius End Cylinder 5/16" burr MENBCR6D Double Cut Radius End Cylinder 3/8" burr MENBCR8D Double Cut Radius End Cylinder 1/2" burr MENBF5D Double Cut Flame 5/16" burr MENBF8D Double Cut Flame 1/2" burr MENBOV6D Double Cut Oval 3/8" burr MENBOV8D Double Cut Oval 1/2" burr MENBT5D Double Cut Taper 5/16" burr MENBT6D Double Cut Taper 3/8" burr MENBT8D Double Cut Taper 1/2" burr MENBT10D Double Cut Taper 5/8" burr MENBTP6D Double Cut Pointed End Tree 3/8" burr MENBTR8(2)D Double Cut Radius End Tree 1/2" burr MENBTR4D Double Cut Radius End Tree 1/4" burr MENBTR6D Double Cut Radius End Tree 3/8" burr MENBCP6A Aluminium Cut End Cut Cylinder 3/8" burr MENBCR6A Aluminium Cut Radius End Cylinder 3/8" burr								

Q-Bond®

Ultra Strong Adhesive & Filling Powders
Q-Bond repairs almost anything!
Sets Rock Hard in 10 seconds

Q-Bond can be used just as an adhesive
or with the reinforcing powders that will help
to repair ALMOST ANYTHING!

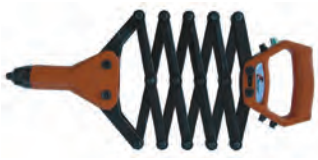
PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
Q BOND GLUE				
Repair Kits & Super Glue. For repairing various types of breaks, cracks and other types of damage. Using the two part system with unique reinforcing and filling capabilities cracks, holes and gaps can be repaired to regain their original shape				
QB2	**507043**	**ADHESIVE SMALL REPAIR KIT** Contains 2 x 10ml Adhesive 1 x Grey Powder 1 x Black Powder For repairing various types of breaks, cracks and other types of damage. Using the two part system with unique reinforcing and filling capabilities cracks, holes and gaps can be repaired to regain their original shape.	6001651023565	
QB3	**507044**	**ADHESIVE LARGE REPAIR KIT** Contains 6 X 10ml Adhesive 2 X Black Powder 1 X Grey Powder For repairing various types of breaks, cracks and other types of damage. Using the two part system with unique reinforcing and filling capabilities cracks, holes and gaps can be repaired to regain their original shape.	6008075006068	
QB4	**507045**	**ADHESIVE 10ML SUPERGLUE** (Sold Only in boxes of 12)	9313540201662	

Ultra Strong Adhesive & Filling Powders
Q-Bond repairs almost anything!
Sets Rock Hard in 10 seconds

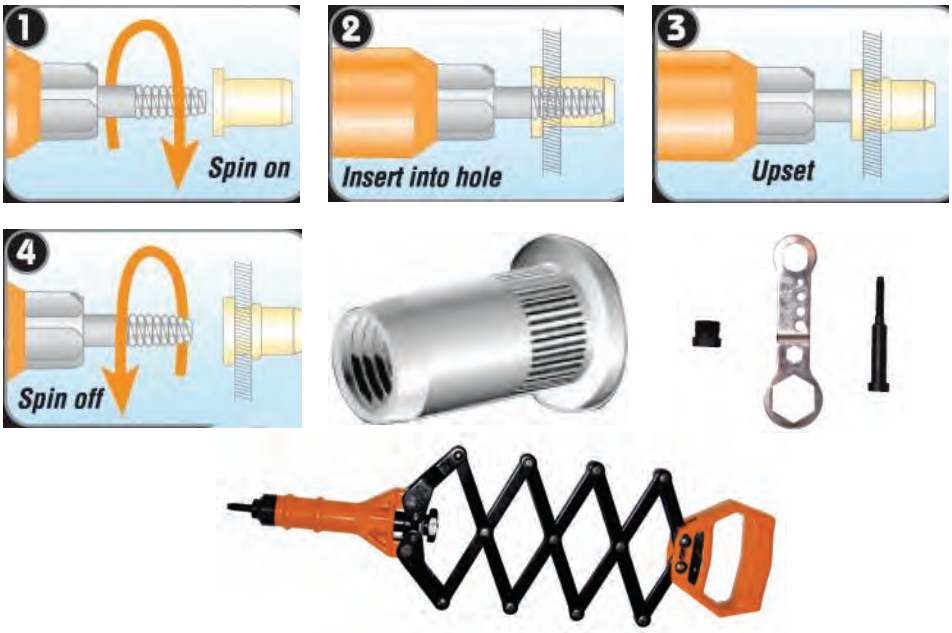
Q-Bond can be used just as an adhesive or with the reinforcing powders that will help to repair ALMOST ANYTHING!

Fascor

Fascor is a specialist manufacturer and supplier of precision, high quality fastening solutions. The products are obtained from their own manufacturing facilities as well as from associated facilities where quality is strictly controlled by Fascor.

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
RIVETERS				
PLIER TYPE				
FH10MK11C	502258	**RIVETER PLIER TYPE (NEW STYLE)** A tool for DIY enthusiast and tradesman and light engineering work. Sets 3,2/4,0/4,8 mm aluminium rivets. Hand assembly ergonomically designed to suit all hand sizes. Durable PVC coated handle. Steel fabricated epoxy coated tool body. Supplied with additional nose pieces in a handy location on the tool body, together with a spanner. Jaws can be cleaned without totally disassembling the tool. Jaw case assembly can be replaced without total tool disassembly. Nose body modified to fit into smaller applications. Lever pivot pin hole now burst pierced adding more than twice the strength and tool life. New technology manufacturing process ensuring a precision product. Improved return spring and spring pin. Stringent quality control - ISO9001	6002247042151	
SCISSOR TYPE				
FH2448	502269	**RIVETER SCISSOR TYPE LONG HANDLE** A powerful "scissor type" riveting tool for Light Industrial use. Sets 3,2 / 4,0 / 4,8 mm aluminium and steel blind rivets. Strong enough to set a 4,8 mm steel rivet, but **NOT** suitable for stainless steel Rivets. Advantages of this tool is that it pushes away from the 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	6002247042243	
FH2464	502271	**RIVETER SCISSOR TYPE LONG HANDLE - HEAVY DUTY** A powerful "scissor type" riveting tool for Heavy Industrial use. Sets 3,2 / 4,0 / 4,8 / 6,4 mm aluminium and steel blind rivets. Will set rivet with stainless steel body and steel mandrel up to 4.8mm, but **cannot** be used for stainless steel mandrel on 4.8mm stainless steel body rivet. Advantages of this tool is that it pushes away from the 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.	6002247042250	
LAZY TONG TYPE				
FH44	502274	**RIVETER LAZY TONG** A powerful "lazy tong" concertina type tool for Light Industrial use. Sets 3,2 / 4,0 / 4,8 mm aluminium and steel blind rivets. Fascor's FH-44 is tough. Tough enough to take the worst abuse. Strong enough to set a 4,8 mm steel rivet, but **NOT** suitable for stainless steel Rivets. Cast-in nose bush that does not work loose. Improved lattice to body fixing. Riveted lattice to handle fixing. Presented in a robust easy carry pouch.	6002247042229	
FH64	502283	**RIVETER LAZY TONG - HEAVY DUTY** A powerful "lazy tong" concertina type tool for Heavy Industrial use. Sets 3,2 / 4,0 / 4,8 and 6,4mm aluminium and steel blind rivets. Fascor's FH-64 is tough. Tough enough to take the worst abuse. Strong enough to set a 6,4 mm steel rivet. Will set rivet with stainless steel body and steel mandrel up to 4.8mm, but **cannot** be used for stainless steel mandrel on 4.8mm stainless steel body rivet. Improved narrow lattice to body fixing to increase lverage. Solid steel end cap for access to jaws for cleaning and replacement. Riveted lattice to handle fixing. Presented in a robust easy carry pouch.	6002247042226	

Fascor

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
RIV-NUTTERS				
PLIER TYPE				
FH20	502260	**RIV-NUTTER KIT IN POUCH WITH RIVNUTS** FH20 Threaded Insert Setting tool is ideal for the DIY enthusiast and the tradesman. Places threaded inserts M4, M5, and M6. Presented in a robust easy carry pouch with selection of threaded inserts. Kit includes a set of nose pieces and attachments, a spanner, and threaded inserts.	6002247003572	
LAZY TONG TYPE				
Handle designed to suit all hand sizes. Nose body modified to fit into larger applications. Advanced technology manufacturing process ensuring a precision product. Stringent quality control – ISO 9002. Packaging available in a compact easy carry pouch. Uses: Automotive, Furniture, Security, Boating, Electronic, Leisure, Building DIY etc. Replacement inserts available. 10 YEAR FACTORY BACKED WARRANTY 				
FH40	502273	RIV-NUTTER LAZY TONG 6 & 8mm INSERTS	6002247006863	
FH60	502282	RIV-NUTTER LAZY TONG 6, 8,10,12mm INSERTS	6002247006870	
RIV-NUT SPARES				
FH20-6/4	502263	RIV-NUT SPARE 4MM MANDREL NUT		
FH20-6/5	502264	RIV-NUT SPARE 5MM MANDREL NUT		
FH20-6/6	502265	RIV-NUT SPARE 6MM MANDREL NUT		
FH20-7/4	502266	RIV-NUT SPARE 4MM MANDREL		
FH20-7/5	502267	RIV-NUT SPARE 5MM MANDREL		
FH20-7/6	502268	RIV-NUT SPARE 6MM MANDREL		
RIV-NUT INSERTS				
FHRIVM4LFS	502293	RIV-NUT INSERTS 4MM (PACK OF 25)	6002247003695	
FHRIVM5LFS	502294	RIV-NUT INSERTS 5MM (PACK OF 25)	6002247003701	
FHRIVM6LFS	502295	RIV-NUT INSERTS 6MM (PACK OF 20)	6002247003718	
FHRIVM8LFS	502296	RIV-NUT INSERTS 8MM (PACK OF 20)	6002247007198	
FHRIVM10LFS	502291	RIV-NUT INSERTS 10MM (PACK OF 20)	6002247007204	
FHRIVM12LFS	502292	RIV-NUT INSERTS 12MM (PACK OF 15)	6002247007211	

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TACWISE™

Staplers & Tackers for the professional tradesman and discerning DIY users. All tacker bodies are constructed from either Zinc, using our unique Zinc die-cast extrusion process, or resilient polymer materials. Tacwise is a brand of rugged fastening tools for the professional tradesman. High quality, feature packed and hard wearing with a robust and practical design.

TACWISE®

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
NAIL GUNS				
STAPLER / TACKER				
The small grip is ideal for smaller hands yet perfect for tough industrial tasks such as fixing wire. Uses staple #53 length 4-8mm				
TAZ1-53TB	508864	STAPLE TACKER (BLACK) 4-8MM NO.53 STAPLES	5018505053365	
TAZ1-53	508861	METAL STAPLE TACKER 4-8MM NO. 53 STAPLES	5018505036580	
TAZ3-140L	508868	LIGHTWEIGHT STAPLE TACKER 6-14MM STAPLES	5018505028479	
TAZ3-140	508867	**HEAVY DUTY METAL STAPLE TACKER 6-14MM NO. 140 STAPLES** Heavy Duty, hand operated staple gun. Shoot six sizes of T50 staples. Ideal for pictures frames, upholstery etc.	5018505028455	
TACKERS				
CABLE TACKER				
TAZ3-CT45	508869	**CABLE TACKER 8-10MM CT45 OR T18 STAPLES** Designed to bring speed, comfort and precision to a task of low voltage cable tacking, this high impact tool features a new advanced system for recoilless action and incorporates many safety features	5018505028271	
TAZ3-CT60	508870	**CABLE TACKER 10-14MM CT60 or T25 STAPLES** BT approved, these top end tools make light work of fastening telecommunications, alarm and other low voltage cables. Ideal for fixing neatly and securely into tight corners.	5018505036948	
TACOMBI	511171	**COMBI TACKER SUITS CT45 & CT60 STAPLES**	5051439002467	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
HAMMER TACKER				
TAA11	508845	**HAMMER TACKER 6-10MM NO. 140 or T50 STAPLES** 6-10mm, #140 (T50) staples All steel "slap" hammer designed with few working parts for years of trouble free operation. Popular for securing flooring underlay, plastic sheeting and breather membrane	5018505010924	
STAPLER / NAILER				
TA140EL	508817	**140EL ELECTRIC STAPLER / BRAD NAILER** Suitable for professionals such as builders and tradesmen. Taking the popular #140 (T50) flat wire staple in lengths 6mm to 14mm and 180/15mm series nails	5051439001354	
PROFESSIONAL NAIL GUNS				
TA191EL	508823	**NAIL GUN WITH CASE 191EL ELECTRIC PRO NAIL/STAPLER** Market favourite nail/staple gun. This tool is highly balanced and ergonomically designed for continuous fastening tasks. Shoots staples & nails up to 35mm long.	5051439001217	
CONSUMABLES				
NO. 53 STAPLES SUITS NO. 53 TACKERS AND ARROW JT21				
TA53/06	508833	NO.53 STAPLES 6MM (2,000/BOX)	5018505100397	
TA53/06B	508834	NO.53 STAPLES 6MM (5,000/BOX)	5018505555401	
TA53/08	508835	NO.53 STAPLES 8MM (2,000/BOX)	5018505100403	
TA53/08B	508836	NO.53 STAPLES 8MM (5,000/BOX)	5018505555418	
TA53/10	508837	NO.53 STAPLES 10MM (2,000/BOX)	5018505100410	
TA53/10B	508838^	NO.53 STAPLES 10MM (5,000/BOX)	5051439000135	
TA53/12B	508839	NO.53 STAPLES 12MM (5,000/BOX)	5051439000036	
TA53/14B	508840	NO.53 STAPLES 14MM (5,000/BOX)	5051439000074	
NO. 140 STAPLES SUITS NO. 140 TACKERS AND ARROW T50				
TA140/06	508805	NO.140 STAPLES 6MM (2,000/BOX)	5018505016926	
TA140/08	508807	NO.140 STAPLES 8MM (2,000/BOX)	5018505016940	
TA140/10	508809	NO.140 STAPLES 10MM (2,000/BOX)	5018505016964	
TA140/12	508812	NO.140 STAPLES 12MM (2,000/BOX)	5018505016988	
TA140/14	508814	NO.140 STAPLES 14MM (2,000/BOX)	5018505170086	
TA140/10SS	508811	NO.140 STAINLESS STEEL STAPLES 10MM x 5M	5051439000395	
TA140/06B	508806	NO.140 STAPLES 6MM (5,000/BOX)	5018505555104	
TA140/08B	508808	NO.140 STAPLES 8MM (5,000/BOX)	5018505555128	
TA140/10B	508810	NO.140 STAPLES 10MM (5,000/BOX)	5018505555142	
TA140/12B	508813	NO.140 STAPLES 12MM (5,000/BOX)	5018505555326	
TA140/14B	508815	NO.140 STAPLES 14MM (5,000/BOX)	5018505002264	
TA140/6-14	508816	NO.140 STAPLE SELECTION PACK 6-14MM	5018505555548	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
CABLE STAPLES CT45 / CT60				
TACT45/08	508846	CABLE STAPLES 8 x 6.3MM (5,000/BOX)	5018505104388	
TACT45/10	508847	CABLE STAPLES 10 x 6.3MM (5,000/BOX)	5018505104395	
TACT60/10	508848	CABLE STAPLES 10 x 7.6MM (5,000/BOX)	5018505025188	
TACT60/12	508849	CABLE STAPLES 12 x 7.6MM (5,000/BOX)	5018505104456	
TACT60/14	508850	CABLE STAPLES 14 X 7.6MM (5,000/BOX)	5018505104463	
NO. 180 NAILS FOR TA191EL				
TA180/15	508818	NO.180 NAILS 15MM (2,000/BOX)	5018505016209	
TA180/25	508819	NO.180 NAILS 25MM (1,000/BOX)	5018505028738	
TA180/30	508820	NO.180 NAILS 30MM (1,000/BOX)	5018505028745	
TA180/32	508821	NO.180 NAILS 32MM (1,000/BOX)	5018505028783	
NO. 91 STAPLES FOR TA191EL				
TA91/20	508842	NO.91 STAPLES 20MM (1,000/BOX)	5018505103107	
TA91/25	508843	NO.91 STAPLES 25MM (1,000/BOX)	5018505103121	
TA91/30	508844	NO.91 STAPLES 30MM (1,000/BOX)	5018505103145	

Estwing

Solid Steel Striking Tools. Made in USA since 1923.

Solid Steel Forged Hammers, Axes & Picks are available with the Estwing iconic Leather Grip or with the Estwing patented Vinyl shock reduction grip, which was introduced in 2001. The vinyl grip dramatically reduces vibration during striking as well as providing improved comfort and durability.

Estwing continues to innovate and produce new hand tools for the Trade and serious DIY users. Their engineers work continually to create the most revolutionary and long lasting hand tools on the market.

Estwing

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
AXES				
CAMPERS AXE				
Nylon Vinyl Shock Reduction Grip® Estwing's Camper's Axe is forged in one piece steel with exclusive Shock Reduction Grip®, and it comes with an embossed leather sheath.				
EWE44A	502193	**AXE CAMPERS 400MM WITH SHEATH** Cutting Edge : 4" / 102 mm	034139670018	
EWE45A	502194	**AXE CAMPERS 660MM WITH SHEATH** Cutting Edge : 4" / 102 mm	034139670216	
EW5	502152	**# 5 REPLACEMENT LEATHER SHEATH FOR E44A & E45A**	034139810810	
WOOD SPLITTING TOOL - FIRESIDE FRIEND®				
Nylon Vinyl Shock Reduction Grip® Estwing's Fireside Friend® Splitting Tool is forged in one piece. The handle length and weight give leverage and power for easy wood splitting				
EWE3-FF4	502190	**FIRESIDE FRIEND SPLITTING TOOL 350MM NYLON GRIP** Cutting Edge: 2-3/8" / 60 mm	034139610311	
SPORTSMANS AXE				
World famous Sportsman's Axes are the choice of outdoorsmen everywhere. This axe is forged in one piece with a genuine leather grip. A must for all campers! Includes an embossed leather sheath.				
EWE14A	502164	**AXE SPORTSMANS 300MM LEATHER GRIP, with #2 leather sheath** Cutting Edge : 2 3/4" / 70 mm	034139611219	
EWE24A	502166	**AXE SPORTSMANS 350MM LEATHER GRIP, with #1 leather sheath** Cutting Edge : 3 1/4" / 83 mm	034139612414	
CARPENTERS HATCHET				
Nylon Vinyl Shock Reduction Grip® Estwing's Solid Steel Carpenters Hatchet have bonded and moulded Shock Reduction Grip® which offers the utmost in both comfort and durability, while reducing vibrations caused by impact. Estwing hammers are the only hammers that can make this claim. The head and handles are fully polished and are forged in one piece.				
EWE3-2H	502188	**HATCHET CARPENTERS NYLON - VINYL GRIP** Overall Length: 13" / 330mm. Cutting Edge: 3.625" / 92mm	034139624219	
PRY BARS & NAIL PULLERS				
CONSTRUCTION				
Estwing's Lightweight I-Beam Construction Pry Bar has a beveled nail slot. It's I-Beam construction gives added strength while removing weight. Rocking head provides maximum leverage.				
EWPB-18	502219	**BAR CONSTRUCTION 450MM LIGHT WEIGHT I-BEAM**	034139650218	
PRO-CLAW				
Truly a unique patented roofing, siding, contractor bar. Drop forged from fine tool steel, one end has a thin blade with a 2 1/2" fulcrum giving it a higher lift than other bars. For removing shingles, downpipes, gutters and nails with ease. The other end has a Japanese pattern nail puller with rounded head to improve leverage and pull even the most difficult nails.				
EWRSC	502225	**PRO-CLAW ROOFING SIDING & CONSTRUCTION (RSC) BAR** Overall Length: 16.8" / 426.7 mm - approx	034139104414	
HANDY CLAW				
Estwing's Handy Claw is the best tool for getting under and removing nails, with a comfortable vinyl grip.				
EWHC-10	502212	**CLAW HANDY VINYL GRIP 250MM**	034139630012	
HANDY BAR				
Estwing's 15" Handy Bar is forged half round, for added strength and less weight. Wide, thin blade for easy prying.				
EWHB-15	502211	**BAR HANDY FORGED HALF ROUND 381MM** Overall Length: 15" / 381 mm	034139640011	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
MOULDING PULLER				
The 10" and 12" moulding puller is made of fine tool steel, drop forged and tempered for extra durability. Chrome finish and comfortable blue cushion grip. Precision thin blade for removing moulding without damaging the wall. Slot in blade for removing small nails and brads. Other end has popular Japanese nail puller with precise and sharp claws for removing embedded nails or headless nails with ease and minimal damage. Blade end for removing moulding precision claw allows finished nails to be pulled through moulding so the moulding can be reused.				
EWMP250G	502213	CLAW PRO MOULDING PULLER 250MM WITH CUSHION GRIP	034139104063	
EWMP300G	502214	CLAW PRO MOULDING PULLER 300MM WITH CUSHION GRIP	034139104261	
NAIL PULLER				
Estwing's Japanese pattern design Pro-Claw nail pullers are made with fine tool steel, drop forged and tempered for extra durability. Chrome finish and comfortable blue cushion grip. Both nail claws are precise and sharp to remove embedded or headless nails with ease and minimal wood damage. Shape and rounded head design gives you improved leverage. Precision thin claw design enables you to get into hard to reach places. For use in nail removal right angled for removing embedded and headless nails.				
EWPC210G	502220	NAIL PULLER 225MM PRO-CLAW WITH CUSHION GRIP	034139102762	
EWPC250G	502221	NAIL PULLER 250MM PRO-CLAW WITH CUSHION GRIP	034139102960	
EWPC280G	502222	NAIL PULLER 275MM PRO-CLAW WITH CUSHION GRIP	034139103264	
EWPC300G	502223	NAIL PULLER 300MM PRO-CLAW WITH CUSHION GRIP	034139103462	
EWPC360G	502224	NAIL PULLER 375MM PRO-CLAW WITH CUSHION GRIP	034139103868	
WRECKING BAR				
Estwing's gooseneck bars pull, pry and straighten, with an angled chisel on one end for prying and lifting, and the other end is slotted for pulling nails.				
EWEWB-12	502205	WRECKING BAR 12" /304MM GOOSENECK	034139100010	
EWEWB-18	502206	WRECKING BAR 18" / 457MM GOOSENECK	034139100119	
EWEWB-24	502207	WRECKING BAR 24" / 610MM GOOSENECK	034139100218	
EWEWB-30	502208	WRECKING BAR 30" / 762MM GOOSENECK	034139100317	
EWEWB-36	502209	WRECKING BAR 36" / 900MM GOOSENECK	034139100416	
GEOLOGICAL				
ROCK CHISEL				
Estwing full assortment of rock chisels have vinyl grips				
EWERC-7C	502202	CHISEL ROCK 175MM VINYL GRIP Cut Point: 2.325" Stock: 0.625"	034139690115	
EWERC-9C	502204	CHISEL ROCK 225MM VINYL GRIP Cut Point: 0.75" Stock: 0.75"	034139690139	
EWERC-12C	502201	CHISEL ROCK 300MM VINYL GRIP Cut Point: 0.625" Stock: 0.375"	034139690146	
PLASTIC GOLD PAN				
Estwing's Plastic Gold Pans are rust proof, chemical resistant and light weight.				
EWBP-10	502157	GOLD PAN PLASTIC 5OZ 250MM Weight: 140g	034139860716	
EWBP-12	502158	GOLD PAN PLASTIC 6OZ 300MM Weight: 168g	034139860815	
EWBP-14	502159	GOLD PAN PLASTIC 9OZ 350MM Weight: 252g	034139861010	
EWBP-16	502160	GOLD PAN PLASTIC 13OZ 400MM Weight: 364g	034139861218	
STEEL GOLD PAN				
Estwing's Steel Gold Pans have creases for thorough separation and a lanyard hole for easy use and carrying.				
EW10-10	502145	GOLD PAN STEEL 8OZ 250MM Weight: 224g	034139860013	
EW12-12	502146	GOLD PAN STEEL 12OZ 300MM Weight: 336g	034139860211	
EW16-16	502147	GOLD PAN STEEL 28OZ 400MM Weight: 784g	034139860617	

Estwing

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
HAMMERS				
BALL PEIN				
Nylon Vinyl Shock Reduction Grip® The Ball Pein Hammers have bonded and moulded Shock Reduction Grip® which offers the utmost in both comfort and durability, while reducing vibrations caused by impact. Estwing hammers are the only hammers that can make this claim. The head and handles are fully polished and are forged in one piece.				
EWE3-16BP	502171	**HAMMER BALL PEIN 16OZ VINYL GRIP** Overall Length: 13" / 330 mm	034139623410	
EWE3-24BP	502182	**HAMMER BALL PEIN 24OZ VINYL GRIP** Overall Length: 13.5" / 343 mm	034139627814	
EWE3-32BP	502189	**HAMMER BALL PEIN 32OZ VINYL GRIP** Overall Length: 14.5" / 368 mm	034139629610	
BRICKLAYER				
Nylon Vinyl Shock Reduction Grip® with end cap. The Bricklayer's Hammers have bonded and moulded Shock Reduction Grips®. Patented super tough nylon end caps now makes these hammers the most durable on the market. The head and handles are forged in one piece and are fully polished. These tools have unsurpassed balance and are double tempered for added strength.				
EWE3-20BLC	502173	**HAMMER BRICKLAYERS 20OZ VINYL GRIP** Overall Length: 11" / 279 mm	034139624516	
EWE3-24BLC	502181	**HAMMER BRICKLAYERS 24OZ VINYL GRIP** Overall Length: 11" / 279 mm	034139627715	
EWE6-22BLC	502196	**HAMMER BRICKLAYERS "BIG BLUE"** Same as Bricklayer's Hammers except with a larger face and wider blade. Overall Length: 10" / 254 mm Head weight approx: 22oz / 616g	034139627661	
CHIPPING - WELDERS				
Nylon Vinyl Shock Reduction Grip® The Welding Chipping Hammer has a bonded and moulded Shock Reduction Grip® which offers the utmost in both comfort and durability, while reducing vibrations caused by impact. Estwing hammers are the only hammers that can make this claim. The head and handle are forged in one piece and are fully polished.				
EWE3-WC	502192	**CHIPPING HAMMER WELDERS 14OZ VINYL GRIP** Overall Length: 11" / 279 mm	034139621812	
CLAW - LEATHER GRIP				
Beautiful Leather Grip Estwing's Solid Steel Claw English Pattern Hammers provide unsurpassed balance and temper. The head and handle are forged in one piece.				
EWE12C	502163	**HAMMER CLAW 12OZ LEATHER GRIP** Overall Length: 11" / 279 mm	034139610816	
EWE20C	502165	**HAMMER CLAW 20OZ LEATHER GRIP** Overall Length: 12.5" / 318 mm	034139612018	
EWE24C	502167	**HAMMER CLAW 24OZ LEATHER GRIP** Overall Length: 13.5" / 343 mm	034139612810	
ULTRA Claw Hammer - Leather Grip Made in USA. Light weight, forged from single piece of steel and capable of driving nails faster. Designed with the professional in mind. An extra nail pulling notch built into the head for use in tight spots and a magnetic nail starter is built into the hammer head. World famous and patented Shock Reduction grip for added durability, reliability and comfort. NEW				
EWE15CR	511089	ULTRA 15oz Curved Claw Hammer, Black with leather grip, 15" handle	034139679202	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
CLAW - VINYL GRIP				
Nylon Vinyl Shock Reduction Grip® Estwing's Curved Claw English Pattern Solid Steel Hammer provide unsurpassed balance and temper. The head and handle are fully polished and forged in one piece. Our exclusive Shock Reduction Grip® is moulded on and offers the utmost in both comfort and durability, while reducing vibrations caused by impact.				
EWE3-16C	502172	**HAMMER CLAW 16OZ VINYL GRIP** Overall Length: 13" / 330 mm	034139623618	
EWE3-20C	502174	**HAMMER CLAW 20OZ VINYL GRIP** Overall Length: 13.5" / 343 mm	034139624615	
EWE3-28C-24	502185	**HAMMER CLAW 24OZ VINYL GRIP** Overall Length: 13.5" / 343 mm	034139628415	
CROSS PEIN				
Nylon Vinyl Shock Reduction Grip® with patented end cap The Cross Pein hammers have a bonded and moulded Shock Reduction Grip®. The head and handle are forged in one piece and have an attractive blue UV coating. This tool has unsurpassed balance and temper.				
EWE6-40CP	502199	**HAMMER CROSS PEIN 40OZ** Overall Length: 14.25" / 362 mm	034139620341	
DEAD BLOW				
Vinyl Grip Estwing's Polyurethane Deadblow Hammers with vinyl grip have one piece hot cast polyurethane construction for longer life and more elasticity. No exposed metal on head or handle. The head contains hundreds of steel shot for maximum power and control. Comfortable vinyl grip for ease of use and reduces fatigue. Great for non-marring applications.				
EW22E	502148	**HAMMER POLY DEADBLOW 22OZ VINYL GRIP** Overall Length: 11.25" / 286 mm Head Length: 3.75" / 95 mm Face Diameter: 2.25" / 41 mm	034139312215	
EW45E	502151	**HAMMER POLY DEADBLOW 45OZ VINYL GRIP** Overall Length: 14.25" / 362 mm Head Length: 4.625" / 117 mm Face Diameter: 1.625" / 57 mm	034139312611	
DRILLING (CLUB)				
Nylon Vinyl Shock Reduction Grip® The Drilling Hammer has a bonded and moulded Shock Reduction Grip® which offers the utmost in both comfort and durability, while reducing vibrations caused by impact. The head and handle are forged in one piece and have an attractive blue UV coating, both faces are fully polished. For use with chisels, punches, star drills and hardened nails. Permits heavy blows with limited swing.				
EWB3-2LB	502153	**HAMMER DRILLING 2LB VINYL GRIP** Overall Length: 10.5" / 267 mm	034139620013	
EWB3-3LB	502154	**HAMMER DRILLING 3LB VINYL GRIP** Overall Length: 11" / 279 mm	034139620211	
EWB3-4LB	502155	**HAMMER DRILLING 4LB VINYL GRIP** Overall Length: 11.5" / 292 mm	034139620419	
EWB3-4LBL	502156	**HAMMER DRILLING 4LB VINYL GRIP LONG HANDLE** Overall Length: 16" / 406 mm	034139620617	

Estwing

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
DRYWALL				
		Nylon Vinyl Shock Reduction Grip® The Drywall hammer has a bonded and moulded Shock Reduction Grip® which offers the utmost in both comfort and durability, while reducing vibrations caused by impact. Estwing hammers are the only hammers that can make this claim. The head and handle are forged in one piece and are fully polished. The round face makes for easy nail driving and the blade will score drywall.		
EWE3-11	502169	**HAMMER DRYWALL 11OZ VINYL GRIP** Overall Length: 13.5" / 343 mm	034139622215	

ENGINEER'S				
		Nylon Vinyl Shock Reduction Grip® with patented end cap. The Engineer's Hammer has a bonded and moulded Shock Reduction Grip® which offers the utmost in both comfort and durability, while reducing vibrations caused by impact. Estwing hammers are the only hammers that can make this claim. The head and handle are forged in one piece. This tool has unsurpassed balance and temper.		
EWE6-48E	502200	**HAMMER ENGINEERS 48OZ / 1.344kg** Overall Length: 16" / 406 mm	034139620310	
FRAMING				
		Nylon Vinyl Shock Reduction Grip® Estwing's Solid Steel Framing Hammer has a longer handle for more striking power. The head and handle are fully polished and forged in one piece. Our exclusive Shock Reduction Grip® is moulded on and offers the utmost in both comfort and durability, while reducing vibrations caused by impact.		
EWE3-22S	502178	**HAMMER FRAMING 22OZ VINYL GRIP, Smooth Face** Overall Length: 16" / 406 mm	034139626411	
EWE3-22SM	502179	**HAMMER FRAMING 22OZ MILLED FACE VINYL GRIP** Overall Length: 16" / 406 mm	034139626619	
EWE3-28S	502186	**HAMMER FRAMING 28OZ VINYL GRIP, Smooth face** Overall Length: 16" / 406 mm	034139628811	
EWE3-28SM	502187	**HAMMER FRAMING 28OZ MILLED VINYL GRIP** Overall Length: 16" / 406 mm	034139629016	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
EWE3-25S	502184	**"BIG BLUE" Builder Series - Smooth Face HAMMER FRAMING 25OZ LARGE FACE VINYL GRIP** Overall Length: 18" / 457 mm	034139628262	
ULTRA Framing Hammers Made in USA. Light weight, forged from single piece of steel and capable of driving nails faster. Designed with the professional in mind. An extra nail pulling notch built into the head for use in tight spots and a magnetic nail starter is built into the hammer head. World famous and patented Shock Reduction grip for added durability, reliability and comfort.				
EWE15C	511123	HAMMER, ULTRA 15oz Curved Claw Framing Hammer, Black with leather grip 19" Handle	034139679219	
EWE19S	511124	HAMMER, ULTRA 19oz Straight Claw Framing Hammer, Black with leather grip 19" Handle	034139679120	

HAMMERTOOTH

Nylon Vinyl Shock Reduction Grip®
Estwing's Patented Hammertooth® Hammers are great for straightening all 2x boards. The head and handle are forged in one piece. Our exclusive Shock Reduction Grip® is moulded on and offers the utmost in both comfort and durability, while reducing vibrations caused by impact.

HAMMERTOOTH®

- Great for straightening all 2x boards.
- Makes work with pneumatic nailers quick and safer.
- With our patented Shock Reduction Grip.
- Forged in one piece

Grab and Straighten!
Straighten warped or twisted boards by securing 2x timber between the tooth and the claw of the Hammertooth and twisting. Hold the timber in position until it is nailed.

EWE6-22T	502197	**HAMMER HAMMERTOOTH 22OZ, Smooth Face** Overall Length: 13.5" / 343 mm	034139627111	
EWE6-22TM	502198	**HAMMER HAMMERTOOTH 22OZ - MILLED FACE** Overall Length: 13.5" / 343 mm	034139626916	

RIP

Nylon Vinyl Shock Reduction Grip®
Estwing's Rip Claw Solid Steel Hammer provide unsurpassed balance and temper. The head and handle are fully polished and forged in one piece. Our exclusive Shock Reduction Grip® is moulded on and offers the utmost in both comfort and durability, while reducing vibrations caused by impact.

EWE3-20S	502176	**HAMMER RIP 20OZ** Overall Length: 13.5" / 343 mm	034139625018	

SLEDGE

EWSHF12LB	511093	**12LB/5.5KG Sledge Hammer, 915mm Handle with Extra-thick Fibreglass Core**	034139313267	

Estwing

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
ROCK PICKS				
CHISEL EDGE				
Nylon Vinyl Shock Reduction Grip® with end cap. The Chisel Edge Rock Pick have bonded and moulded Shock Reduction Grips®. Patented nylon end caps now makes these hammers the most durable on the market. The head and handles are forged in one piece and are fully polished. These tools have unsurpassed balance and are double tempered for added strength.				
EWE3-20BLC	**502173**	**HAMMER BRICKLAYERS 20OZ VINYL GRIP** Overall Length: 11" / 279 mm	034139624516	
EWE3-24BLC	**502181**	**HAMMER BRICKLAYERS 24OZ VINYL GRIP** Overall Length: 11" / 279 mm	034139627715	
GEO PALEO				
Vinyl Cushion Grip Estwing's all Steel Construction Geo/Paleo Pick has a 25" overall handle length, 14" overall head length from pointed edge to chisel edge. Has a durable powder coated finish and a textured vinyl grip for added comfort				
EWGP100	**502210**	**PICK GEO PALEO** Overall Length: 25" / 625 mm	034139784913	
POINTED TIP				
Nylon Vinyl Shock Reduction Grip® Estwing Rock Picks have bonded and moulded Shock Reduction Grip® which offers the utmost in both comfort and durability, while reducing vibrations caused by impact. The head and handle are forged in one piece and have a fully polished head. The #1 choice of geologist world wide.				
EWE3-14P	**502170**	**ROCK PICK 14OZ POINTED TIP VINYL GRIP** Overall Length: 11" / 279 mm	034139623212	
EWE3-22P	**502177**	**ROCK PICK 22OZ POINTED TIP VINYL GRIP** Overall Length: 13" / 330 mm	034139626213	
EWE3-23LP	**502180**	**ROCK PICK 22OZ POINTED TIP VINYL GRIP - LONG HANDLE** Overall Length: 16.5" / 419 mm	034139627210	
EWE30	**502168**	**ROCK PICK 22OZ POINTED TIP LEATHER TIP** World famous Estwing leather grip rock pick with beautiful leather grip. Overall Length: 12.5" / 318 mm	034139613817	
EW3	**502149**	**SHEATH LEATHER REPLACEMENT SUITS POINTED TIP PICKS** Genuine Leather.	034139810414	
EW4	**502150**	**SHEATH LEATHER REPLACEMENT SUITS CHISEL EDGE PICKS** Genuine Leather.	034139810612	
SURE SPLIT WEDGE				
This unique 5 lb wedge has a revolutionary concept in design which makes splitting wood fast and easy. This wedge has a fast taper head for easy starting. The Sure Split® fins permit extra wedge action and the sledge will continue through out below the wood line for sure splitting.				
EWE-5	**502195**	**SURE SPLIT WEDGE** Overall Length: 9" / 229 mm Cutting Edge: 1 7/8" / 48 mm	034139740018	

THOR HAMMER

Established in the 1930s, Thor has specialised in the manufacture of soft faced hammers and soft impact hammers for over 75 years.

Originally buffalo hide (rawhide) was the only material used for 'soft' striking faces, but Thor now manufacture over 300 types and sizes using a range of materials including copper, brass, aluminium, rubber, hardwood, nylon and a range of plastics.

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
HAMMERS				
RAWHIDE HAMMER				
Malleable Iron head fitted with cylindrical faces of compressed Rawhide. The Malleable Iron head provides the weight for the blow and the Rawhide faces absorb the shock whilst transferring the force to the item being struck without fear of damage. Ideal where a heavy blow is required combined with a relatively small striking area. Faces are designed to wear and can be replaced. Used as a general-purpose soft-faced hammer in engineering for assembly, repair and maintenance.				
TH08	508896	RAWHIDE HAMMER SIZE A, 285g, 3/4lb, 25mm FACE	5012936000806	
TH10	508898	RAWHIDE HAMMER SIZE 1, 590g, 1 1/4lb, 32mm FACE	5012936001001	
TH12	508906	RAWHIDE HAMMER SIZE 2, 800g, 1 3/4lb, 38mm FACE	5012936001209	
TH14	508911	RAWHIDE HAMMER SIZE 3, 1230g, 2 3/4lb 44mm FACE	5012936001407	
TH16	508915	RAWHIDE HAMMER SIZE 4, 1900g, 4 1/4lb 50mm FACE	5012936001605	
TH22	508929	RAWHIDE HAMMER SIZE 5, 3275g, 7 1/4lb, 70mm FACE	5012936002206	
TH16FG	508917	RAWHIDE HAMMER SIZE 4, 2000g, 4 1/2lb, 50mm FACE F/GLASS HANDLE	5012936001647	
COPPER FACED HAMMER				
Malleable Iron head fitted with cylindrical faces of Copper. The Malleable Iron head and the Copper faces combine to provide the weight for the blow and the Copper faces prevent damage to expensive machined sub components and assemblies. Ideal where a heavy blow is required combined with a relatively small striking area. Faces are designed to wear and can be replaced. Used as a general-purpose soft-faced hammer in automotive and general engineering for assembly, repair and maintenance.				
TH308	508934	COPPER HAMMER SIZE A, 425g, 1lb, 25mm FACE	5012936030803	
TH310	508936	COPPER HAMMER SIZE 1, 830g, 2lb, 32mm FACE	5012936031008	
TH312	508938	COPPER HAMMER SIZE 2, 1260g, 2 3/4lb, 38mm FACE	5012936031206	
TH314	508941	COPPER HAMMER SIZE 3, 1940g, 4lb, 44mm FACE	5012936031404	
TH316	508943	COPPER HAMMER SIZE 4, 2830g, 61/4lb, 50mm FACE	5012936031602	
TH322	508949	COPPER HAMMER SIZE 5, 6000g 13lb, 70mm FACE	5012936032203	
TH316FG	508945	COPPER HAMMER SIZE 4, 2930g, 7lb, FIBREGLASS HANDLE, 50mm FACE	5012936631604	
COPPER / RAWHIDE HAMMER				
Malleable Iron head fitted with one Rawhide and one Copper cylindrical face. The malleable Iron head and the Copper/Rawhide faces combine to provide the weight for the blow and the faces prevent damage to most items being struck. Ideal where a heavy blow is required combined with a relatively small striking area. Faces are designed to wear and can be replaced. Used as a multi purpose soft faced hammer in engineering and automotive for assembly, repair and maintenance.				
TH208	508923	COPPER/RAWHIDE HAMMER SIZE A, 355g, 3/4lb, 25mm FACE	5012936020804	
TH210	508924	COPPER/RAWHIDE HAMMER SIZE 1, 710g, 1.1/2lb 32mm FACE	5012936021009	
TH212	508925	COPPER/RAWHIDE HAMMER SIZE 2, 1070g, 2.1/2lb 38mm FACE	5012936021207	
TH214	508926	COPPER/RAWHIDE HAMMER SIZE 3, 1600g, 3.1/2lb 44mm FACE	5012936021405	
TH216	508927	COPPER/RAWHIDE HAMMER SIZE 4, 2830g 5.1/4lb 50mm FACE	5012936021603	
TH216FG	508928	COPPER/RAWHIDE HAMMER SIZE 4, 2480g, 5 1/2lb, FIBREGLASS HANDLE, 50mm FACE		

^ = non stocked line

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
NYLON HAMMER				
Chrome plated Zinc heads (except 720) with Nylon faces. Fitted as standard with screw-in White Nylon faces and Plastic or Wood handle according to size . Alternative Replacement Faces, colour coded to distinguish hardness are also available as buy-in items. Faces are designed to wear and are replaceable by hand. Used, due to the easily interchangeable heads, as a multi purpose striking tool in most assembly applications including engineering, furniture, shopfitting, partitioning, double glazing, injection moulding dies etc.				
TH710	508974	NYLON HAMMER 445g, 1lb, 32mm FACE PLASTIC HANDLE	5012936117108	
TH712	508979	NYLON HAMMER 650g, 1 1/2lb, 38mm FACE PLASTIC HANDLE	5012936117122	
TH714	508984	NYLON HAMMER 850g, 2lb, 44mm FACE PLASTIC HANDLE	5012936117146	
TH716	508988	NYLON HAMMER 1230g, 2 3/4lb, 50mm FACE PLASTIC HANDLE	5012936117160	
TH708	508971	NYLON HAMMER 250g, 1/2lb, 25mm FACE WOOD HANDLE	5012936570804	
TH720	508993	NYLON HAMMER 2200g, 5lb, 63mm FACE WOOD HANDLE	5012936127206	
TH720FG	508994	NYLON HAMMER 2300g, 5 1/4lb, 63MmmFACE, F/GLASS HANDLE	5012936427207	
DEAD-BLOW HAMMER				
THE IDEAL HAMMER FOR SUSTAINED AND EFFECTIVE BLOWS WITHOUT RECOIL Coated Die-cast aluminium alloy head rubber grip, fitted with screw-in white nylon faces, or for certain specialist applications, tough brown Polyurethane faces are also available. A cavity inside the head is partially filled with steel shot which adds to the weight, prevents rebound and delivers "dead" blows of maximum impact. The faces are designed to wear and are easily replaceable by hand. Commonly used in most assembly / fitting applications including engineering, toolmaking, shop fitting, partitioning, glazing etc.				
TH1212N	508908	DEAD-BLOW HAMMER 700g, 1 1/2lb 38mm WHITE FACE	5012936121211	
TH1414N	508912	DEAD-BLOW HAMMER, 900g, 2lb 44mm WHITE FACE	5012936141417	
TH1616N	508916	DEAD-BLOW HAMMER 1150g, 2 3/4lb 50mm WHITE FACE	5012936161613	
TH2020N	508921	DEAD-BLOW HAMMER 1850g, 4lb 63mm WHITE FACE	5012936202019	
THOREX HAMMER				
Chrome plated Zinc heads with one White Nylon face and one Soft Grey face fitted as standard. Alternative replacement faces, colour coded to distinguish hardness are also available. Faces are designed to wear and are replaceable by hand. Used, due to the easily interchangeable heads, as a multi purpose striking tool in most DIY applications. Can also be used in engineering, furniture assembly, shopfitting, partitioning, double glazing, injection moulding dies etc.				
TH31708R	508946	THOREX HAMMER, 250g, 1/2lb, 25mm FACE	5012936070854	
TH31710R	508947	THOREX HAMMER, 415g, 1lb, 32mm FACE	5012936071004	
TH31712R	508948	THOREX HAMMER 650g, 1 1/2lb 38mm FACE	5012936061202	
THOREX PLASTIC HAMMER				
Thorex Plastic Hammer with chrome plated Zinc head and plastic or wood handles according to size. Fitted as standard with two screw-in Orange Plastic faces. Alternative Soft Grey or Hard yellow are available as buy-in items. Product 414 & 416 are only available with Orange Plastic Faces. Faces are designed to wear and are replaceable by hand. Used, due to the easily interchangeable heads, as a multi purpose striking tool in most assembly applications including engineering, furniture, shopfitting, partitioning, double glazing, injection moulding dies etc. Standard sizes 406 and 408 have wooden handles; other sizes have plastic handles.				
TH406	508953	THOREX PLASTIC HAMMER, 150g, 1/3lb, 19mm FACE, Wood Handle	5012936040604	
TH408	508955	THOREX PLASTIC HAMMER, 250g, 1/2lb, 25mm FACE, Wood Handle	5012936040802	
TH410	508957	THOREX PLASTIC HAMMER, 450g, 1lb, 32mm FACE, Plastic Handle	5012936141004	
TH412	508959	THOREX PLASTIC HAMMER, 675g, 1 1/2lb, 38mm FACE, Plastic Hnd.	5012936141202	
TH414	508961	THOREX PLASTIC HAMMER, 900g, 2lb, 44mm FACE, Plastic Handle	5012936141400	
TH416	508963	THOREX PLASTIC HAMMER, 1250g, 2 3/4lb, 50mm FACE, Plastic	5012936141608	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
JUNIOR THORLITE HAMMER				
Aluminium-alloy head fitted with one hard Rubber and one soft red tipped Rubber face. The Aluminium-alloy head together with the hard and soft Rubber faces provide a lightweight hammer with faces of differing hardness. Faces are designed to wear and are replaceable. Specifically designed for use on woodwork, easing tight doors/windows trim fitting including chrome and rubber surrounds and for light assembly work				
TH32J612R	508951	JUNIOR THORLITE HAMMER, 320g, 3/4lb, 38mm FACE	5012936061296	
MALLETS				
SOLID COPPER MALLET / SLEDGES - FIBREGLASS HANDLE				
Manufactured from 99.9% Pure Extruded Electrolytic Copper rod. The Cylindrical Copper heads provide a firm positive blow without the risk of damage to expensive components. These larger sizes only available with Fibreglass (FG) handles. Ideal for positive blows on highly finished or closely ground machined parts throughout the aircraft, automotive and shipping industries. Also used by bearing assembly in heavy industrial applications such as earthmoving equipment, shipping, mining etc.				
TH711FG	508978	SOLID COPPER MALLET 70MM X 146MM, 5.2KG, 11 1/2lb	5012936571153	
TH713FG	508983	SOLID COPPER MALLET 70MM X 181MM, 5.7KG, 12 1/2lb	5012936571351	
TH715FG	508987	SOLID COPPER MALLET 70MM X 197MM, 7.5KG, 16 1/2lb	5012936571559	
TH717FG	508991	SOLID COPPER MALLET 70MM X 225MM, 8.5KG, 18 3/4lb	5012936571757	
TH719FG	508992	SOLID COPPER MALLET 85MM X 173MM, 9.0KG, 20lb	5012936571955	
SOLID COPPER MALLET - PLASTIC HANDLE				
Manufactured from 99.9% Pure Extruded Electrolytic Copper rod. The Cylindrical Copper heads provide a firm positive blow without the risk of damage to expensive components. Fitted with a Plastic handle. Ideal for positive blows on highly finished or closely ground machined parts throughout the aircraft, automotive and shipping industries. Also used by tool and gauge makers and for bearing assembly in heavy industrial applications such as earthmoving equipment, shipping, etc.				
TH704	508968	SOLID COPPER MALLET, 950g, 2lb 38mm FACE	5012936570415	
TH705	508969	SOLID COPPER MALLET, 1330g, 3lb, 44mm FACE	5012936570514	
TH706	508970	SOLID COPPER MALLET, 1780g, 4lb, 50mm FACE	5012936570613	
RAWHIDE MALLET				
Cylindrical compressed Rawhide head provides a large striking surface with relatively light head weight. Used in sheet metal forming, jewellery industry and assembling steel rule dies in cutter plattens.				
TH108	508900	RAWHIDE MALLET SIZE 0, 90g, 2oz, 25mm FACE	5012936010805	
TH110	508902	RAWHIDE MALLET SIZE 1, 130g, 4oz, 32mm FACE	5012936011000	
TH112	508903	RAWHIDE MALLET SIZE 2, 190g, 6oz, 38mm FACE	5012936011208	
TH114	508904	RAWHIDE MALLET SIZE 3, 250g, 1/2lb, 44mm FACE	5012936011406	
TH116	508905	RAWHIDE MALLET SIZE 4, 340g, 3/4lb, 50mm FACE	5012936011604	
TH120	508907	RAWHIDE MALLET SIZE 5, 570g, 1 1/4lb, 63mm FACE	5012936012007	
RUBBER MALLETS				
One-piece rubber head with self locking handle. The rubber head enables a gentle but firm blow with little rebound. Used as a general-purpose mallet in automotive, industrial, brewery, DIY, camping etc. A softer black head is available from THOR but not stocked locally.				
TH952	508997	BLACK MALLET, 310g, 3/4lb WOOD HANDLE	5012936095208	
TH953	509001	BLACK MALLET, 550g, 1 1/4lb, WOOD HANDLE	5012936095307	
TH954	509005	BLACK MALLET, 800g 1 3/4lb, WOOD HANDLE	5012936095406	
TH957	509009	BLACK MALLET, 1200g, 2 3/4lb, WOOD HANDLE	5012936095703	
One-piece rubber head with self locking handle. The white rubber head enables a gentle but firm blow with little rebound. The white head will not leave marks on work surfaces and is ideal for woodworking, builders, window frame manufacturers, shopfitting, car trim fitting, DIY etc. Larger sizes also available with Fibreglass (FG) handles.				
TH952W	508999	WHITE MALLET, 375g, 3/4lb WOOD HANDLE	5012936095291	
TH953W	509003	WHITE MALLET, 675g, 1 1/2lb, WOOD HANDLE	5012936095390	
TH954W	509007	WHITE MALLET, 970g 2lb, WOOD HANDLE	5012936095499	
TH957W	509011	WHITE MALLET, 1450g, 3lb, WOOD HANDLE	5012936095796	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
One-piece rubber head with self locking Fibreglass (FG) handle. The rubber head enables a gentle but firm blow with little rebound. Used as a general-purpose mallet in automotive, industrial, brewery, DIY, camping etc. A softer black head is available for use where softer blows are required. .				
TH952FG	508998	BLACK MALLET, 380g, 3/4lb, FIBREGLASS HANDLE	5012936595203	
TH953FG	509002	BLACK MALLET, 640g, 1 1/2lb, FIBREGLASS HANDLE	5012936595302	
TH954FG	509006	BLACK MALLET , 900g, 2lb, FIBREGLASS HANDLE	5012936595401	
TH957FG	509010	BLACK MALLET, 1300g, 3lb, FIBREGLASS HANDLE	5012936595708	
One-piece rubber head with self locking Fibreglass (FG) handle. The white rubber head enables a gentle but firm blow with little rebound. The white head will not leave marks on work surfaces and is ideal for woodworking, builders, window frame manufacturers, shopfitting, car trim fitting, DIY etc.				
TH952WFG	509000	WHITE MALLET, 445g, 1lb, FIBREGLASS HANDLE	5012936595296	
TH953WFG	509004	WHITE MALLET, 765g, 1 3/4lb, FIBREGLASS HANDLE	5012936595395	
TH954WFG	509008	WHITE MALLET, 1070g, 2 1/4lb, FIBREGLASS HANDLE	5012936595494	
TH957WFG	509012	WHITE MALLET, 1550g, 3 1/4lb, FIBREGLASS HANDLE	5012936595791	
HAMMER SPARES				
COPPER FACE				
TH312AF	508939	ALUMINIUM FACE HAMMER SPARE 38MM SUIT TH312	5012936723125	
TH308C	508935	COPPER FACE HAMMER SPARE 25MM SUITS TH308 & TH208	5012936713089	
TH310C	508937	COPPER FACE HAMMER SPARE 32MM SUITS TH310 & TH210	9313540110209	
TH312C	508940	COPPER FACE HAMMER SPARE 38MM SUITS TH312 & TH212	5012936713126	
TH314C	508942	COPPER FACE HAMMER SPARE 44MM SUITS TH314 & TH214	5012936713140	
TH316C	508944	COPPER FACE HAMMER SPARE 50MM SUITS TH316 & TH216	5012936713164	
TH322C	508950	COPPER FACE HAMMER SPARE 70MM SUITS TH322	5012936713225	
NYLON FACE				
TH708NF	508972	NYLON FACE HAMMER SPARE 25MM WHITE SUITS TH708	5012936670818	
TH710NF	508975	NYLON FACE HAMMER SPARE 32MM WHITE SUITS TH710 (Pack of 2)	5012936071028	
TH712NF	508980	NYLON FACE HAMMER SPARE 38MM WHITE SUITS TH712 & TH1212N (Pack of 2)	5012936071226	
TH714NF	508985	NYLON FACE HAMMER SPARE 44MM WHITE SUITS TH714 & TH1414N	5012936671419	
TH716NF	508989	NYLON FACE HAMMER SPARE 50MM WHITE SUITS TH716 & TH1616N	5012936671617	
TH720NF	508995	NYLON FACE HAMMER SPARE 63MM WHITE SUITS TH720 & TH2020N	5012936672010	
PLASTIC FACE				
TH406PF	508954	PLASTIC FACE HAMMER SPARE 19MM SUITS TH406	5012936340636	
TH408PF	508956	PLASTIC FACE HAMMER SPARE 25MM SUITS TH408	5012936340834	
TH410PF	508958	PLASTIC FACE HAMMER SPARE 32MM SUITS TH410	5012936341039	
TH412PF	508960	PLASTIC FACE HAMMER SPARE 38MM SUITS TH412	5012936341237	
TH414PF	508962	PLASTIC FACE HAMMER SPARE 44MM SUITS TH414	5012936341435	
TH416PF	508964	PLASTIC FACE HAMMER SPARE 50MM SUITS TH416	5012936341633	

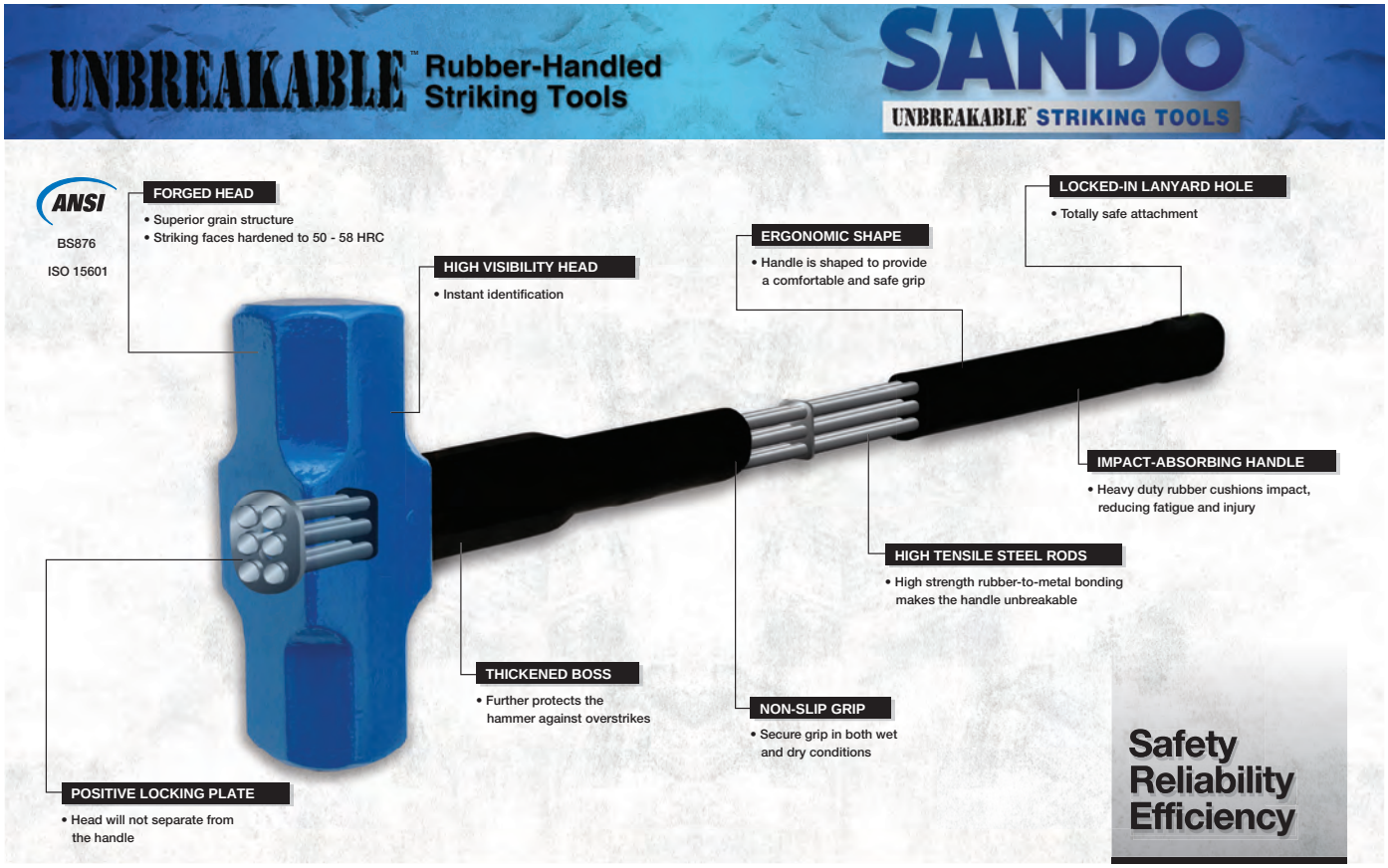
PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
TH710VF	508977	PLASTIC FACE HAMMER SPARE 32MM SOFT(GREY) suits TH710	5012936671051	
TH712VF	508982	PLASTIC FACE HAMMER SPARE 38MM SOFT(GREY) SUITS TH712	5012936671259	
POLYURETHANE FACE				
TH708TF	508973	POLYURETHANE FACE HAMMER SPARE 25MM BROWN SUITS TH708	5012936670894	
TH710TF	508976	POLYURETHANE FACE HAMMER SPARE 32MM BROWN SUITS TH710	5012936671099	
TH712TF	508981	POLYURETHANE FACE HAMMER SPARE 38MM BROWN SUITS TH712 & TH1212N	5012936671297	
TH714TF	508986	POLYURETHANE FACE HAMMER SPARE 44MM BROWN SUITS TH714 & TH1414N	5012936671495	
TH716TF	508990	POLYURETHANE FACE HAMMER SPARE 50MM BROWN SUITS TH716 & TH1616N	5012936671693	
TH720TF	508996	POLYURETHANE FACE HAMMER SPARE 63MM BROWN SUITS TH720 & TH2020N	5012936672096	
RAWHIDE FACE				
TH08R	508897	RAWHIDE FACE HAMMER SPARE 25MM SUIT TH08 & TH208	5012936700805	
TH10R	508901	RAWHIDE FACE HAMMER SPARE 32MM T/S TH10 & TH210 (PACK OF 2)	5012936701000	
TH12R	508910	RAWHIDE FACE HAMMER SPARE 38MM SUITS TH12 & TH212	5012936701208	
TH14R	508913	RAWHIDE FACE HAMMER SPARE 44MM SUITS TH14 & TH214	5012936701406	
TH16R	508918	RAWHIDE FACE HAMMER SPARE 50MM SUITS TH16 & TH216	5012936701604	
TH22R	508930	RAWHIDE FACE HAMMER SPARE 70MM SUITS TH22	5012936702205	
THORLITE FACE				
TH612HF	508965	JNR THORLITE HAMMER SPARE 38MM HARD RUBBER BLACK)	5012936561215	
TH612SF	508966	JNR THORLITE HAMMER SPARE 38MM SOFT RUBBER (RED)	5012936561222	
HANDLES				
THH1W	509014	WOODEN HANDLE NO 1 SUITS TH10,TH210 & TH310	9313540111077	
THH2W	509015	WOODEN HANDLE NO 2 SUITS TH212 & TH312	9313540111084	
THH3W	509016	WOODEN HANDLE NO 3 SUITS TH214 & TH314	9313540111091	
THH957W	509017	WOODEN HANDLE NO 4 SUITS TH957 RUBBER MALLET		
THH4W	509018	WOODEN HANDLE NO 4 SUITS 16/216/316/720	9313540111107	
THH953W	509019^	WOODEN HANDLE SUITS TH953 RUBBER MALLET		
THH954W	509020^	WOODEN HANDLE SUITS TH954 RUBBER MALLET		
THHAW	509022^	WOODEN HANDLE NO A SUITS TH08,TH208 & TH308	9313540111060	

^ = non stocked line

SANDO

Sando hammers were developed for use in the underground mines in South Africa to eliminate the possibility of breakage and enhance safety during use – they are almost indestructible!

The handle design is unique, using high tensile steel pins running the length of the handle through the eye of the hammer head. The steel pins are then encased in a shock-absorbing outer rubber shell with a steel lock-plate fitted in the hammer's head to ensure it can't come off.



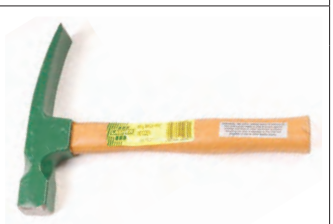
PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
HAMMERS				
Sando Hammers. 4-full handle length steel pins used for 900g, 1.4kg and 1.8kg hammers with 6-steel pins used for hammers 3.6kg and heavier. The steel pins are encased in a moulded rubber handle with positive locking of handle into head eliminating danger of head breaking away. Impact absorbing handle with moulded grip that is resistant to most industrial chemicals.				
BALL PEIN				
SDBP/2-14	507897	HAMMER BALL PEIN 32oz / 900g SANDO HANDLE Positive locking of handle into head eliminates danger of head breaking away. Impact absorbing handle. Moulded grip. Chemically resistant to most industrial chemicals.	6005730000522	
CLUB				
SDCLUB/2-12	507898	CLUB HAMMER 2lb/900g SANDO HANDLE	6005730000577	
SDCLUB/4-12	507899	CLUB HAMMER 4lb/1.8kg SANDO HANDLE	6005730000584	
SLEDGE				
SDSLDG/4-24	507911	SLEDGE HAMMER 4lb / 1.8kg WITH 24" HANDLE		
SDSLDG/8-24	507912	SLEDGE HAMMER 8lb / 3.6kg WITH 24" HANDLE	6005730000607	
SDSLDG/8-30	507914	SLEDGE HAMMER 8lb / 3.6kg WITH 30" HANDLE	6005730000614	
SDSLDG/10-30	507906	SLEDGE HAMMER 10lb / 4.5kg WITH 30" HANDLE	6005730000621	
SDSLDG/12-30	507908	SLEDGE HAMMER 12lb 5.5kg WITH 30" HANDLE	6005730000638	
SDSLDG/14-30	507909	SLEDGE HAMMER 14lb / 6.3kg WITH 30" HANDLE	6005730000645	
SLEDGE - SOFT FACE				
SDSLDG/4-12SF	510880	SLEDGE HAMMER SOFT FACE 4lb / 1.8kg WITH 12" HANDLE		
SDSLDG/8-24SF	510878	SLEDGE HAMMER SOFT FACE 8lb / 3.6kg WITH 24" HANDLE		
SDSLDG/8-30SF	510879	SLEDGE HAMMER SOFT FACE 8lb / 3.6kg WITH 30" HANDLE		
SDSLDG/10-30SF	510881	SLEDGE HAMMER SOFT FACE 10lb / 4.5kg WITH 30" HANDLE		
SDSLDG/12-30SF	510882	SLEDGE HAMMER SOFT FACE 12lb / 5.5kg WITH 30" HANDLE		
SDSLDG/14-30SF	510883	SLEDGE HAMMER SOFT FACE 14lb / 6.3kg WITH 30" HANDLE		
SLEDGE - COPPER				
SDSLDG/3-12C	510884	SLEDGE HAMMER COPPER 3lb / 1.4kg WITH 12" HANDLE		
SDSLDG/4-12C	510885	SLEDGE HAMMER COPPER 4lb / 1.8kg WITH 12" HANDLE		
SDSLDG/8-24C	510887	SLEDGE HAMMER COPPER 8lb / 3.6kg WITH 24" HANDLE		
SDSLDG/8-30C	510886	SLEDGE HAMMER COPPER 8lb / 3.6kg WITH 30" HANDLE		
SDSLDG/14-30C	510888	SLEDGE HAMMER COPPER 14lb / 6.3kg WITH 30" HANDLE		
HANDLES				
SDHNDL/12	507900	HANDLE SANDO 12" - 2lb/4lb CLUB		
SDHNDL/30-60	507904	HANDLE SANDO 30" - 10lb/12lb/14lb		

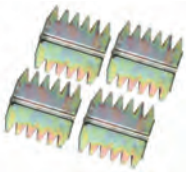
FALCON

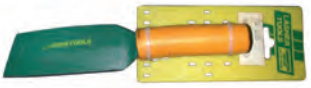
Made by LASHER

Produced by Lasher Tools, South Africa.

The Sure Grip Falcon sledge hammers are virtually indestructible with a solid steel core encased in a polypropylene outer shell and nonslip cushioned grip.

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
HAMMER				
BALL PEIN				
Designed for driving cold chisels, punches, and for riveting, shaping and straightening metal, and peining the end of metal tubes. Nylon core handle with polypropylene shaft. Polyurethane bonded handle and head. Suregrip high comfort handle.				
FLB500N	502320	**HAMMER BALL PEIN 500G/18oz, NYLON CORE HANDLE** Overall Length: 300 mm	9313540200672	
FLB700N	502321	**HAMMER BALL PEIN 700G/24oz, NYLON CORE HANDLE** Overall Length: 350 mm	9313540200689	
FLB900N	502322	**HAMMER BALL PEIN 900G/32oz, NYLON CORE HANDLE** Overall Length: 350 mm	9313540200696	
FLB1.1N	502319	**HAMMER BALL PEIN 1.1KG/40oz, NYLON CORE HANDLE** Overall Length: 350 mm	9313540200832	
MALLET				
FLRM32	502375	**RUBBER MALLET 32OZ FIBREGLASS HANDLE**	9313540201532	
CHIPPING HAMMER				
FLCH	502338	**CHIPPING HAMMER - WELDERS** Chipping hammers have a forged head welded to a steel shaft with a shock proof spring handle. Used extensively for chipping scale after welding. Epoxy powder coated finish. Overall Length: 290 mm	9313540200467	
BRICK				
FLBH	502325	**BRICK HAMMER 800GM TIMBER HANDLE** Designed for splitting bricks, masonry, tile and concrete blocks Overall Length: 265 mm	9313540200450	
CLUB				
FLC1.8N	502336	**CLUB HAMMER 1.8KG/4LB 240MM NYLON CORE HANDLE** Heavy duty handle with nylon glass fibre core and polypropylene outer shell. Polyurethane bonded handle and head. Suregrip comfort grip.	9313540200719	
FLCH4	502339	**CLUB HAMMER 4LB/1.8KG,HARDWOOD HANDLE**	9313540200603	
SLEDGE - TIMBER HANDLE				
FLSLG/1.8WH	502395	**SLEDGE HAMMER 1.8KG/4LB TIMBER HANDLE**	9313540200283	
FLSLG/3.6WH	502396	**SLEDGE HAMMER 3.6KG/8LB TIMBER HANDLE**	9313540200290	
FLSLG/4.5WH	502397	**SLEDGE HAMMER 4.5KG/10LB TIMBER HANDLE**	9313540200306	
FLSLG/6.3WH	502398	**SLEDGE HAMMER 6.3KG/14LB TIMBER HANDLE**	9313540200313	
SLEDGE - NYLON CORE				
FLS1.8N	502376	**SLEDGE HAMMER 1.8KG/4LB, 410MM NYLON CORE HANDLE** Nylon shaft. Nylon core hammer. Polypropylene covering. Polyurethane bonded handle and head. Extra heavy duty handle with non-slip grip	9313540200634	
SLEDGE - STEEL CORE - "FULLY HARDENED HEADS"				
Suregrip Sledge Hammers. The full handle length steel core reinforces the handle and is covered with a tough polypropylene outer. As a safety feature, the head is double fixed to the handle using a combination of mechanical and chemical locking devices with a lifetime guarantee that the head will never leave the shaft.				
FLS3.6S	502380	**SLEDGE HAMMER 3.6KG/8lb, 800MM STEEL CORE HANDLE**	9313540200641	
FLS4.5S	502383	**SLEDGE HAMMER 4.5KG/10lb, 800MM STEEL CORE HANDLE**	9313540200658	
FLS6.3S	502387	**SLEDGE HAMMER 6.3KG/14lb, 800MM STEEL CORE HANDLE**	9313540200665	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
COPPER SLEDGE - NYLON CORE				
FLS1.8NC	502377	**COPPER SLEDGE HAMMER 4lb / 1.8KG 245MM NYLON CORE HANDLE** Nylon core hammer with polypropylene covering. Polyurethane bonded handle and head. Extra heavy duty handle with non-slip grip	9313540200924	
COPPER SLEDGE - STEEL CORE				
Suregrip Sledge Hammers. The full handle length steel core reinforces the handle and is covered with a tough polypropylene outer shell. As a safety feature, the head is double fixed to the handle using a combination of mechanical and chemical locking devices with a lifetime guarantee that the head will never leave the shaft.				
FLS3.6SC	502381	**COPPER SLEDGE HAMMER 8lb / 3.6KG STEEL CORE HANDLE**	9313540200931	
FLS6.3SC	502388	**COPPER SLEDGE HAMMER14lb / 6.3KG STEEL CORE HANDLE**	9313540200948	
COPPER SLEDGE - TIMBER HANDLE				
FLS3.6CW	502378	**COPPER SLEDGE HAMMER 8lb / 3.6KG TIMBER HANDLE**		
SOFT FACE SLEDGE - STEEL CORE (22 to 26 Rockwell Hardness)				
Suregrip Sledge Hammers. The full handle length steel core reinforces the handle and is covered with a tough polypropylene outer shell. As a safety feature, the head is double fixed to the handle using a combination of mechanical and chemical locking devices with a lifetime guarantee that the head will never leave the shaft.				
FLS3.6SS	502382	**SLEDGE HAMMER SOFT FACE14lb / 3.6KG-800MM STEEL CORE HANDLE**	9313540200894	
FLS4.5SS	502385	**SLEDGE HAMMER SOFT FACE 10lb / 4.5KG-800MM STEEL CORE HANDLE**	9313540200900	
FLS6.3SS	502389	**SLEDGE HAMMER SOFT FACE 14lb / 6.3KG-800MM STEEL CORE HANDLE**	9313540200917	
SCUTCH				
FLSH	502390	**SCUTCH HAMMER TIMBER HANDLE** Total length 265mm - Head Mass 800g Scutch hammers are intended for the same purpose as brick hammers, but can take replaceable inserts in the form of scutch combs or chisel bits. Loose bits and combs are available. Designed for setting (splitting) bricks, tile and concrete blocks. - Takes 25mm scutch combs	9313540200405	
FLSHC	502392	**SCUTCH COMBS - 4PCS/PACK (25mm)**	6001844034101	
SPALLING				
FLSH6.3	502391	**SPALLING HAMMER 14lb / 6.3KG BLACK POLY HANDLE**	9313540200351	
WEDGES				
FLHW	502367	**HAMMER WEDGES METAL, HANG SELL PACK OF 4**	9313540200610	
AXE				
BLOCK SPLITTER				
FLBS	502327	**BLOCK SPLITTER 3KG 800MM STEEL CORE HANDLE** Block splitter, heavy duty steel core handle with tough polypropylene outer shell and comfort grip with 3 kg head. Ideal for splitting all types of timber.	9313540200740	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
KNIVES				
HOOKED CANE				
FLCANEKNIFE	502337	HOOKED CANE KNIFE SHORT HANDLE Blade Length: 355 mm Blade Width: 2.0 mm	9313540200214	
MACHETE				
FLMACHETE	502371	MACHETE POLY HANDLE, 302mm	9313540200443	
HACKING KNIFE				
Used for cutting open old drums and slitting sheet metal. Also used for the removal of old putty from window frames. Forged from the highest quality carbon tool steel. Epoxy powder coating finish and vinyl grip for safety.				
FLHK	502366	HACKING KNIFE CARDED	9313540200627	
BOLSTER				
FLBB	502323	BRICK BOLSTER 100MM - PVC GRIP Brick bolster is designed to cut traditional clay bricks in half. The bolster is struck with club / lump hammer. Epoxy powder coated. Overall Length: 230 mm Blade Width: 100 mm	9313540200863	
HANDLE				
FLSMH	502400	MATTOCK/PICK HANDLE 900MM POLY - STEEL CORE The combination of the tough Polypropylene outer and Steel Core gives improved durability and reducing the risk of breakage. Impact resistant especially from overstrikes. Eliminates splinters. Will not rot. Lighter and better shaft design giving user more comfort during use. Consistent product – quality standards. It will outlast the pick / mattock head.	6001844003381	
SCRAPER				
FLOOR SCRAPER				
FLLHMS	502368	FLOOR SCRAPER 190MM BLADE 1300MM HANDLE	9313540200009	
FLLHMS/S	502369	FLOOR SCRAPER SPARE BLADE TO SUIT FLLHMS	9313540199990	

TRAMONTINA

Tramontina is a highly diversified Brazilian manufacturer offering a range of quality forged hammers and hardwood handles.

All handles are kiln dried, fine sanded & lacquered ensuring long life even in dry environments

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
HAMMERS				
The head is forged and hardened with special steel assuring great resistance to the product. Perfect balance between head and handle to increase comfort and safety. The fixing system by epoxy resin or steel wedges helps to increase the safety. The hammer's head is protected against rust with varnish or electrostatic painting. The hammers are subjected to a specific hardening process to give a suitable hardness at the striking face and claw/pein to ensure long life. Tools are produced and tested according to specific standards				
BALL PEIN				
Ball Pein Hammer polished. Drop forged head, polished face, hardwood handle				
TR40400/004	**509035**	HAMMER BALL PEIN 4OZ/100GR TIMBER HANDLE	7891114045222	
TR40400/008	**509036**	HAMMER BALL PEIN 8OZ/200G TIMBER HANDLE	7891114045239	
TR40400/012	**509037**	HAMMER BALL PEIN 12OZ/300g TIMBER HANDLE	7891114045246	
TR40400/016	**509038**	HAMMER BALL PEIN 16OZ 400g TIMBER HANDLE	7891114045253	
TR40400/024	**509039**	HAMMER BALL PEIN 24OZ/600G TIMBER HANDLE	7891114045277	
TR40400/032	**509040**	HAMMER BALL PEIN 32OZ/800G TIMBER HANDLE	7891114045284	
TR40400/040	**509041**	HAMMER BALL PEIN 40OZ/1KG TIMBER HANDLE	7891114045291	
CLAW HAMMER - Fibreglass Handle				
TR40700/027	**509047**	CLAW HAMMER 20 OZ FIBREGLASS HANDLE Forged and hardened special steel head. Polished and varnished head. Fiberglass handle fixed with epoxy and elastic safety pin. Injected PVC grip. Size: 27mm	7891114001006	
CLAW HAMMER - Timber Handle				
Forged and hardened special steel head. Polished and varnished head. Hardwood handle fixed with epoxy.				
TR40200/27	**509033**	CLAW HAMMER 20oz TIMBER HANDLE	7891114000658	
TR40200/29	**509034**	CLAW HAMMER 24oz TIMBER HANDLE	7891114000665	
CLUB HAMMER - Fibreglass Handle				
TR40720/002	**509048**	CLUB HAMMER 3lb / 1.2KG FIBREGLASS HANDLE	7891114004816	
CLUB HAMMER - Timber Handle				
TR40503/002	**509045**	CLUB HAMMER 2.5lb / 1.1KG TIMBER HANDLE Double face club hammer painted black. Drop forged steel, heat treated and fully painted head with polished face. Hardwood handle fixed with epoxy.	7891114002812	
CROSS PEIN				
Cross Pein hammer, polished, drop forged head, polished face and pein, hardwood handle				
TR40402/012	**509044**	HAMMER CROSS PEIN 12oz / 300g TIMBER HANDLE	7891114004229	
ENGINEERS				
TR40504/004	**509046**	ENGINEERS HAMMER 5lb / 2KG TIMBER HANDLE Double face engineers hammer painted black. Drop forged steel, heat treated and fully painted head with polished face. Hardwood handle fixed with epoxy.	7891114004328	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
HANDLES				
TRA600	509057	AXE HANDLE 600MM - HARDWOOD	9313540880010	
TRA700	509058	AXE HANDLE 700MM - HARDWOOD	9313540880027	
TRA800	509059	AXE HANDLE 800MM - HARDWOOD	9313540880034	
TRBP250	509063	BALL PEIN HAMMER HANDLE 250MM - HARDWOOD	9313540880041	
TRBP300	509064	BALL PEIN HAMMER HANDLE 300MM - HARDWOOD	9313540880058	
TRBP350	509065	BALL PEIN HAMMER HANDLE 350MM - HARDWOOD	9313540880065	
TRBP400	509066	BALL PEIN HAMMER HANDLE 400MM - HARDWOOD	9313540880072	
TRBP450	509067	BALL PEIN HAMMER HANDLE 450MM - HARDWOOD	9313540880089	
TRB1350/22	509060	BROOM HANDLE 22MM X 1350MM - HARDWOOD	9313540880119	
TRB1500/25	509061	BROOM HANDLE 25MM X 1500MM - HARDWOOD	9313540880126	
TRB1800/25	509062	BROOM HANDLE 25MM x 1800MM - HARDWOOD	9313540880133	
TRCL360	509070	CLAW HAMMER HANDLE 360MM - HARDWOOD	7896403730810	
TRC250	509068	CLUB HAMMER HANDLE 250MM - HARDWOOD	9313540880157	
TRA380	509056	HATCHET HANDLE 380MM - HARDWOOD	9313540880164	
TRH1350	509071	HOE HANDLE 1350MM - HARDWOOD	9313540880171	
TRH1500	509072	HOE HANDLE 1500MM - HARDWOOD	9313540880188	
TRMP900	509073	MATTOCK/PICK HANDLE 900MM - HARDWOOD	9313540880195	
TRR1350/25	509074	RAKE HANDLE 25MM X 1350MM - HARDWOOD	9313540880201	
TRR1500/25	509075	RAKE HANDLE 25MM X 1500MM - HARDWOOD	9313540880225	
TRR1500/29	509076	RAKE HANDLE 29MM X 1500MM - HARDWOOD	9313540880218	
TRSLB1300	509081	SHOVEL HANDLE BENT 1300MM HARDWOOD	9313540880232	
TRSD670	509080	SHOVEL/FORK HANDLE 670MM PLAS."D" STR HARDWOOD	9313540880256	
TRS600	509077	SLEDGE HANDLE 600MM - HARDWOOD	9313540880263	
TRS750	509078	SLEDGE HANDLE 750MM - HARDWOOD	9313540880270	
TRS900	509079	SLEDGE HANDLE 900MM - HARDWOOD	9313540880287	
TRWS750	509082	WOOD SPLITTER HANDLE 750MM - HARDWOOD	9313540880096	
TRWS900	509083	WOOD SPLITTER HANDLE 900MM - HARDWOOD	9313540880102	

REFORESTATION AND THE ENVIRONMENT

Following are extracts from the Tramontina website explaining their commitment to the environment and reforestation, their membership of (FSC) the Forest Stewardship Council etc.

FSC certification is voluntary and has as its main goal to identify companies, communities, associations that adopt good practices of forest handling, according to strict environmental, social and economic standards.

Tramontina is certified by Imaflora/SmartWood's Program that is a linked program to the SmartWood network, which brings together non-profit independent certifiers, present in 10 countries and led by the American Rainforest Alliance, with its headquarters in New York, USA. SmartWood is the world's largest and oldest program of certification and one of the members of the Forest Stewardship Council (FSC), the international organisation recognised for monitoring the certification of forest production.

For Tramontina, the FSC certificate is an asset which differentiates it from other suppliers and is recognised and valued, especially by the Australian market. The Tramontina Group believes that the forest is important for the conservation of the soil, preservation of animal life, renovation of the air, for the balance of the water sources and for the supply of wood. The group understands that the forest is vital for the ecosystem Earth. Therefore, besides investing in the industrial area, the Tramontina Group is also investing in reforestation.

The important reforestation project developed by Tramontina in the State of Para, in the Aurora do Para County, is aimed exactly at the recovery of the these degraded areas through the heterogeneous reforestation system (mahogany, cedar, senna and other species).

For each m^2 of raw material used to manufacture wood products, Tramontina Belém plants 6 noble species tree samplings. Annually 70,000 new trees are planted, which besides allowing the regeneration of semi-destroyed forests, prevent the extinction of the native species.

The reforestation with noble species, supplemented with rapid growth species, to cut at 25 years intervals, offer an average production of 300 m^2/ha. In a native forest, this production is about 40 m^2/ha in 50 years intervals.

Environmental Preservation Policy

Tramontina invests in production forests, as they are aware that it is fundamental to preserve forests, for the protection of the soil and wildlife, for the renewal of the air and balancing of the water tables and for the supply of wood, as a noble raw material, that is renewable and biodegradable.
Wood is a renewable component, and during its decomposition, it is naturally absorbed by the environment. This defines it as a very desirable ecological raw material. The planned management of forests, observing strict technical parameters, contributes to control the climate, establish the soil, avoid runoff into rivers, preserves the fauna, filters pollutants and reduces the risks of global warming, amongst other benefits.

GERMAN QUALITY SINCE 1862

Stahlwille are committed to designing and manufacturing "State of the art" tools to maximize customer satisfaction.

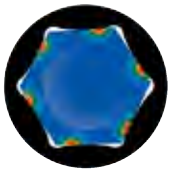
- Perfect tools designed for practical applications.
- Stahlwille's entire range of tightening tools are manufactured exclusively in German production facilities from the forging blank to the finished product.
- Stahlwille hand tools are designed on the basis that they are an extension of your hand. Intelligent design provides tools with optimum load capacity, close tolerances and ergonomic qualities that are the

BEST IN THE WORLD.

- Tools marked as "High Performance Quality®" exceed the stringent requirements of American and European aerospace standards

STAHLWILLE Motorsport

TERMS AND CONDITIONS
Our warranty commences from the date of purchase and is not transferable. The warranty only covers the original owner, purchaser or end user and is subject to the Trade Practices Act and Goods and Consumer Protection legislation of the various states. Proof of purchase along with appropriate documentations is required before consideration under warranty is given.



Tool solutions for aircraft

AOG
Mobile Maintenance
Tool Kits
Maintenance Kits
Cabin Kits
Line Maintenance Sets

Everything in its place and a place for everything. A working environment with interdependent processes and tight schedules requires sophisticated, intelligent and intuitive tool storage. The same holds true for safety-critical maintenance operations, such as aerospace and food processing plants.

The STAHLWILLE Tool Control System combines the highest degree of safety and efficiency with the confidence that no tool is left where it may pose a security risk.

Originally developed for the aerospace industry together with leading aerospace manufacturers, the award-winning STAHLWILLE Tool Control System gives you control over your tools and ensures a high level of organisation and security.

13232a

Cabin Kit Systems Mechanic imperial

13225a

Line Maintenance Set imperial

13223

AOG Kit Avionic metric

13237

Maintenance Mechanic Eurocopter metric + imperial

Code 97 83 00 74
21.07 kg, 46.46 lbs
Number of tools: 253 · Tool trolley not included.

Value Packs

SWVP10/6 6 Piece Metric Double Open Ended Spanner Set

Contents	mm	L mm
40 03 10 11	10 x 11	155
40 03 12 13	12 x 13	170
40 03 14 15	14 x 15	190
40 03 16 17	16 x 17	205
40 03 18 19	18 x 19	220
40 03 20 22	20 x 22	235

SW Code	Item Code	Description
SWVP10/6	709728	6 Piece in plastic display pack

SWVP10a/5 5 Piece Imperial Double Open Ended Spanner Set

Contents	"	L mm
40 43 24 28	3/8 x 7/16	155
40 43 32 34	1/2 x 9/16	205
40 43 36 38	5/8 x 11/16	205
40 43 40 44	3/4 x 7/8	235
40 43 46 48	15/16 x 1	270

SW Code	Item Code	Description
SWVP10a/5	709732	5 Piece in plastic display pack

SWVP13/9 9 Piece Metric Ring Open End Spanner Set

Contents	mm	L mm
40 08 08 08	8	115
40 08 10 10	10	125
40 08 12 12	12	140
40 08 13 13	13	160
40 08 14 14	14	165
40 08 15 15	15	170
40 08 16 16	16	180
40 08 17 17	17	190
40 08 19 19	19	230

SW Code	Item Code	Description
SWVP13/9	709734	9 Piece in plastic display pack

SWVP13a/7 7 Piece Imperial Ring Open End Spanner Set

Contents	"	L mm
40 48 24 24	3/8	125
40 48 28 28	7/16	135
40 48 32 32	1/2	160
40 48 34 34	9/16	165
40 48 36 36	5/8	180
40 48 38 38	11/16	200
40 48 40 40	3/4	230

SW Code	Item Code	Description
SWVP13a/7	709736	7 Piece in plastic display pack

SWVP14/8 8 Piece Long Metric Ring Open End Spanner Set

Contents	mm	L mm
40 10 08 08	8	145
40 10 10 10	10	165
40 10 12 12	12	180
40 10 13 13	13	195
40 10 14 14	14	210
40 10 15 15	15	215
40 10 17 17	17	240
40 10 19 19	19	265

SW Code	Item Code	Description
SWVP14/8	709739	8 Piece in plastic display pack

SWVP20/5 5 Piece Metric Ring Spanner Set

Contents	mm	L mm
41 04 10 11	10 x 11	200
41 04 12 13	12 x 13	220
41 04 14 15	14 x 15	245
41 04 16 17	16 x 17	255
41 04 18 19	18 x 19	275

SW Code	Item Code	Description
SWVP20/5	709742	5 Piece in plastic display pack

SWVP20a/5 5 Piece Imperial Ring Spanner Set

Contents	"	L mm
41 44 16 20	1/4 x 5/16	180
41 44 24 28	3/8 x 7/16	200
41 44 32 34	1/2 x 9/16	220
41 44 36 40	5/8 x 3/4	270
41 44 38 42	11/16 x 13/16	300

SW Code	Item Code	Description
SWVP20a/5	709746	5 Piece in plastic display pack

SWVP21/4 4 Piece Metric Short Ring Spanner Set

Contents	mm	L mm
41 05 08 10	8 x 10	115
41 05 12 13	12 x 13	150
41 05 14 15	14 x 15	165
41 05 16 17	16 x 17	170

SW Code	Item Code	Description
SWVP21/4	709748	4 Piece in plastic display pack

SWVP21TX/4 4 Piece Torx® Double Ended Spanner Set

Contents	mm	L mm
41 25 06 08	E6 X E8	115.5
41 25 10 12	E10 X E12	149.5
41 25 14 18	E14 X E18	185
41 25 20 24	E20 X E24	227

SW Code	Item Code	Description
SWVP21TX/4	709750	4 Piece in plastic display pack

SWVP24/3 3 Piece Metric Flare Nut Spanner Set

Contents	mm	L mm
41080810	8 x 10	145
41081113	11 x 13	170
41081214	12 x 14	180

SW Code	Item Code	Description
SWVP24/3	709755	3 Piece in plastic display pack

SWVP24A/2 2 Piece Imperial Flare Nut Spanner Set

Contents	″	L mm
41 48 24 28	3/8 x 7/16	155
41 48 32 34	1/2 x 9/16	180

SW Code	Item Code	Description
SWVP24a/2	709757	2 Piece in plastic display pack

SWVP49/5 5 Piece Metric Inhex 3/8″ Drive Socket Set

Contents	mm	L mm
02 05 00 03	3	52
02 05 00 04	4	52
02 05 00 05	5	52
02 05 00 06	6	52
02 05 00 08	8	52
80 45 00 01	clipstrip	

SW Code	Item Code	Description
SWVP49/5	709764	5 Piece on clipstrip with plastic display pack

SWVP54/6 6 Piece Metric Inhex 1/2″ Drive Socket Set

Contents	mm	L mm
03 05 00 05	5	60
03 05 00 06	6	60
03 05 00 08	8	60
03 05 00 10	10	60
03 05 00 12	12	60
03 05 00 14	14	60
80 45 00 01	clipstrip	

SW Code	Item Code	Description
SWVP54/6	709766	6 Piece on clipstrip with plastic display pack

SWVP2049/5 5 Piece Metric Long Inhex 3/8″ Drive Socket Set

Contents	mm	L mm
02 15 10 04	4	100
02 15 10 05	5	100
02 15 10 06	6	100
02 15 12 08	8	100
02 15 12 10	10	100

SW Code	Item Code	Description
SWVP2049/5	709744	5 Piece in plastic display pack

SWVP1054/4 4 Piece Metric Long Inhex 1/2″ Drive Socket Set

Contents	mm	L mm
03151206	6	120
03151208	8	100
03151410	10	140
03151412	12	140

SW Code	Item Code	Description
SWVP1054/4	709730	4 Piece in plastic display pack

GLOVE Mechanics Gloves

Close fitting padded gloves for professional workshop use. Gives protection, comfort and allows the user to carry out delicate work without loss of finger sensitivity

SW Code	Item Code	Size
SWGLOVE-M	709597	Medium
SWGLOVE-L	709596	Large
SWGLOVE-XL	709598	X-Large

Strong, extremely tough and durable. STAHLWILLE spanners

1

Conventional spanners
When force is applied to a spanner, the greatest force acts on the joint between the jaw and the shaft. Standard-quality open-jaw spanners do not take this fact into consideration. In the context of normal hard work, this can lead to the tool breaking, causing considerable personal injury.

STAHLWILLE spanners
To reduce the danger of breakage, we add more material where the greatest loads are to be found and take it away from the places that are not under such stress.
In this way, we are able to manufacture extremely sturdy, slim and light tools which also facilitate working in confined spaces due to their compact designs.

2

Extremely resilient, remarkably durable
- Drop-forged from high-grade special steels.
- Optimum hardening in continuous furnaces with no scale build-up or skin decarburisation.
- Gentle quenching in oil.

3

Light and easy to handle
- High resistance to bending and low weight thanks to STAHLWILLE's typical double-T profile.
- Snug-fitting, skin-friendly surfaces thanks to STAHLWILLE's rounded finish.

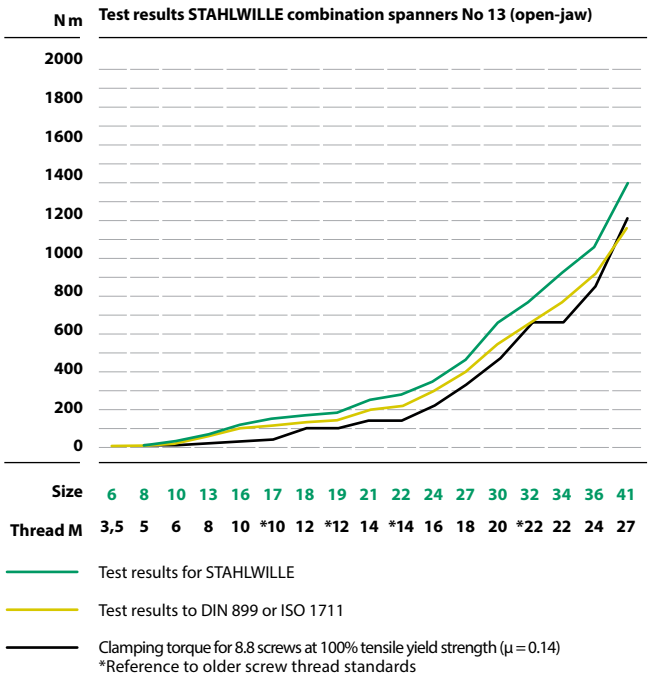
4

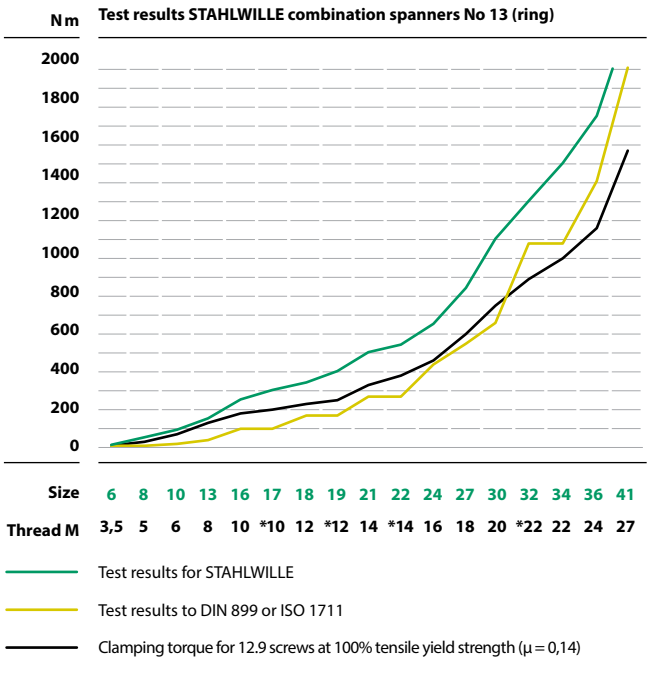
Key benefits when tightening and loosening screws
- Tougher than any screw thanks to the forged double hex.
- Thinner than conventional rings – facilitating work in confined spaces.
- Higher than standard nuts – prevents the spanner jamming on the nut.

5

Quality assured
STAHLWILLE's Quality Assurance System was awarded an internationally recognised certificate in accordance with DIN ISO 9001 by the DQS (German Association for the Certification of Quality Assurance Systems).

This one – and the next one: tailored to fit – perfect chrome plating



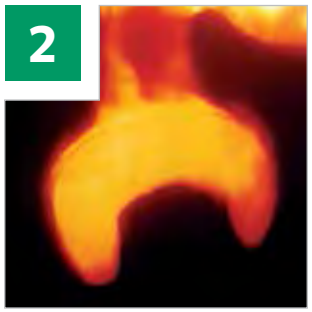


1

Load zones in
standard-quality spanners

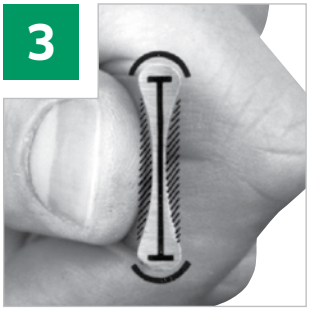
Load zones in spanners
by STAHLWILLE

2



Open-jaw spanners in oil

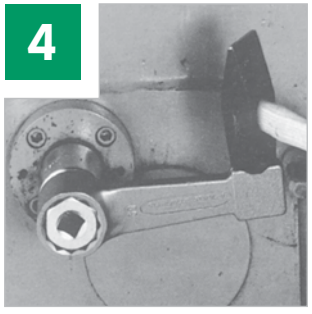
3



Absolutely resistant to bending thanks
to the double-T profile

Snug-fitting, skin-friendly surfaces
thanks to STAHLWILLE's rounded finish

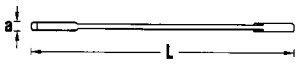
4



STAHLWILLE No 8 striking face double
hex box-spanners are tougher, thinner
and higher.

10 Double open ended spanners

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



SW Code	Item Code	mm/"	L mm	b_1 mm	b_2 mm	a mm	g	
40 03 04 05	**705041**	**4 x 5**	100	12.5	14	3.4	11	10
40 03 55 07	**705042**	**5.5 x 7**	120	14.8	17	3.7	19	10
40 03 06 07	**705043**	**6 x 7**	120	15.5	17	3.7	17	10
40 03 07 08	**705044**	**7 x 8**	140	17	18	4	25	10
40 03 08 09	**705046**	**8 x 9**	140	18	21	4	21	10
40 03 08 10	**705045**	**8 x 10**	140	18	23	4.5	33	10
40 03 10 11	**705008**	**10 x 11**	155	23	26	4.8	40	10
40 03 10 12	**705009**	**10 x 12**	170	23	28	5.3	51	10
40 03 10 13	**705010**	**10 x 13**	170	23	30	5.3	57	10
40 03 11 13	**705011**	**11 x 13**	170	26	30	5.3	55	10
40 03 12 13	**705012**	**12 x 13**	170	28	30	5.3	64	10
40 03 12 14	**705013**	**12 x 14**	170	28	32	5.3	63	10
40 03 13 14	**705014**	**13 x 14**	190	30	32	5.3	70	10
40 03 13 15	**705015**	**13 x 15**	190	30	35	5.3	73	10
40 03 13 17	**705016**	**13 x 17**	205	30	38	5.8	92	10
40 03 14 15	**705017**	**14 x 15**	190	32	35	5.3	81	10
40 03 14 17	**705018**	**14 x 17**	205	32	38	5.8	99	10
40 03 16 17	**705019**	**16 x 17**	205	36	38	5.8	100	10
40 03 16 18	**705020**	**16 x 18**	220	36	40	6.7	125	10
40 03 17 19	**705021**	**17 x 19**	220	38	42	6.7	131	10
40 03 18 19	**705022**	**18 x 19**	220	40	42.5	6.7	147	10
40 03 18 21	**705023**	**18 x 21**	235	40	47	7.3	170	10
40 03 19 22	**705024**	**19 x 22**	235	42	49	7.3	179	10
40 03 20 22	**705025**	**20 x 22**	235	45	49	7.3	185	10
40 03 21 23	**705027**	**21 x 23**	250	47	51	7.8	225	5
40 03 21 24	**705028**	**21 x 24**	250	47	53	7.8	215	5
40 03 22 24	**705029**	**22 x 24**	250	49	53	7.8	232	5
40 03 24 26	**705030**	**24 x 26**	270	53	57.5	8.3	293	5
40 03 24 27	**705031**	**24 x 27**	280	53	60	8.3	299	5
40 03 25 28	**705032**	**25 x 28**	285	55	62	8.3	309	5
40 03 27 30	**705033**	**27 x 30**	300	60	66	9.4	412	5
40 03 27 32	**705034**	**27 x 32**	300	60	70	9.4	418	5
40 03 30 32	**705035**	**30 x 32**	300	66	70	9.4	451	5
40 03 30 34	**705036**	**30 x 34**	300	66	75	9.4	480	5
40 03 32 36	**705037**	**32 x 36**	325	70	80	10	546	5
40 03 34 36	**705038**	**34 x 36**	325	75	80	10	619	1
40 03 36 41	**705039**	**36 x 41**	375	80	88	11	800	1
40 03 41 46	**705040**	**41 x 46**	425	88	94.5	12	1040	1

10a Double open ended spanners

SW Code	Item Code	mm/"	L mm	b1 mm	b2 mm	a mm	g	
40 43 16 20	**705048**	**1/4 x 5/16**	140	16	18	4	21	10
40 43 20 24	**705056**	**5/16 x 3/8**	140	18	23	4.5	34	10
40 43 24 28	**705055**	**3/8 x 7/16**	155	23	26	4.8	48	10
40 43 28 32	**705059**	**7/16 x 1/2**	170	26	30	5.3	58	10
40 43 32 34	**705047**	**1/2 x 9/16**	190	30	32	5.3	73	10
40 43 34 36	**705061**	**9/16 x 5/8**	205	32	36	5.8	96	10
40 43 35 38	**705052^**	**19/32 x 11/16**	205	35	40	5.8	105	10
40 43 36 38	**705057**	**5/8 x 11/16**	205	36	40	5.8	101	10
40 43 36 40	**705058**	**5/8 x 3/4**	220	36	42	6.7	135	10
40 43 38 40	**705050**	**11/16 x 3/4**	220	40	42	6.7	135	10
40 43 38 42	**705049**	**11/16 x 13/16**	235	40	47	7.3	167	10
40 43 40 44	**705054**	**3/4 x 7/8**	235	42	49	7.3	177	10
40 43 41 42	**705053^**	**25/32 x 13/16**	235	45	47	7.3	190	10
40 43 44 46	**705060**	**7/8 x 15/16**	250	49	53	7.8	235	10
40 43 46 48	**705051**	**15/16 x 1**	270	53	55	8.3	303	5
40 43 52 58	**705576**	**1 1/8 x 1 5/16**	300	64	75	9.4	502	5

Sets: Double open ended spanners

SW Code	Item Code	No.	Content mm/"	g
96 40 03 05	**705067**	**10/8**	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22mm	693
96 40 03 12	**705070^**	**10/9 [1])**	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 24mm	945
96 40 03 07	**705062^**	**10/10**	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22; 24 x 27; 30 x 32; mm	1540
96 40 03 13	**705063^**	**10/11 [1])**	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 21; 19 x 22; 24 x 27; 30 x 32; 34 x 36mm	2149
96 40 03 06	**705065**	**10/12**	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; 25 x 28; 30 x 32mm	2125
96 40 43 06	**705579**	**10a/7**	1/4 x 5/16; 3/8 x 7/16; 1/2 x 9/16; 5/8 x 3/4; 11/16 x 13/16; 7/8 x 15/16; 1 1/8 x 1 5/16"	1242
96 40 43 07	**705578^**	**10a/11**	1/4 x 5/16; 3/8 x 7/16; 1/2 x 9/16; 9/16 x 5/8; 19/32 x 11/16; 5/8 x 3/4; 11/16 x 13/16; 3/4 x 7/8; 25/32 x 13/16; 7/8 x 15/16; 1 1/8 x 1 5/16"	1870

Standard packing: clear view wallet.
[1]) in convenient clip holder

Plastic-wallets for sets of spanners

SW Code	Item Code	Wallet No.	For Set No.	g
83 40 03 06	**704998^**	**010/12**	10/12*, 10a/11*	276
83 40 46 01	**705001^**	**012/10**	12/10 Pc	41
83 40 06 01	**705002^**	**012/15**	12/15 Pc, 12a/13 Pc	68
83 41 07 04	**705007^**	**023/8**	23/8*	123

* Plastic-wallets must be ordered separately!

Set: Combination spanners OPEN-BOX

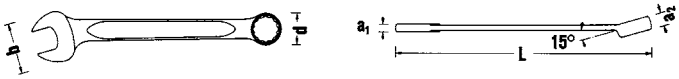
SW Code	Item Code	Content mm/"	g
SW13/22 TCS	**706038**	5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32mm	4200
SW13a/22 TCS	**706119**	5/16; 7/16; 3/16; 19/32; 13/16; 7/8; 1; 3/4; 25/32; 15/16; 1 1/8; 9/32; 1 1/4; 5/8"	4300

Standard packing: TCS Inlay. Foam Size: 600x400x30mm
Fits drawers in most roller cabinets (drawer shown not included)

13 Combination spanners OPEN-BOX

AS-drive

DIN 3113 form A/ISO 7738 form A (metric sizes),
Chrome Alloy Steel, chrome plated.



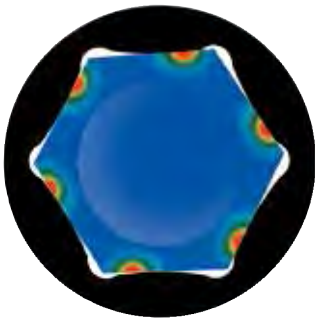
SW Code	Item Code	mm	L mm	b mm	d mm	a_1 mm	a_2 mm	g	
40 08 55 00	**705969**	**5.5**	100	14.8	9.2	3.5	5.8	13	10
40 08 06 06	**705972**	**6**	105	15.5	9.9	3.6	6	15	10
40 08 07 07	**705974**	**7**	110	17	11.3	3.9	6	20	10
40 08 08 08	**705975**	**8**	115	18	12.4	4.2	7	21	10
40 08 09 09	**705976**	**9**	120	21	13.4	4.5	7	27	10
40 08 10 10	**705941**	**10**	125	23	14.8	4.8	7	35	10
40 08 11 11	**705942**	**11**	135	26	16.4	4.8	8	43	10
40 08 12 12	**705943**	**12**	140	28	17.8	5.3	8.5	46	10
40 08 13 13	**705944**	**13**	160	30	19.1	5.3	8.5	57	10
40 08 14 14	**705945**	**14**	165	32	20.6	5.3	8.5	68	10
40 08 15 15	**705946**	**15**	170	35	21.9	5.3	8.5	73	10
40 08 16 16	**705947**	**16**	180	36	23.2	5.8	10	89	10
40 08 17 17	**705948**	**17**	190	38	24.6	5.8	10	99	10
40 08 18 18	**705949**	**18**	200	40	26	6.7	11.5	126	10
40 08 19 19	**705950**	**19**	230	42	27.5	6.7	11.5	142	10
40 08 20 20	**705951**	**20**	230	45	29	7	13	176	10
40 08 21 21	**705952**	**21**	260	47	30.3	7.3	13	216	10
40 08 22 22	**705953**	**22**	260	49	31.8	7.3	13	220	10
40 08 23 23	**705954**	**23**	280	53	33.5	7.8	14	251	5
40 08 24 24	**705955**	**24**	280	53	34.9	7.8	14	254	5
40 08 25 25	**705956**	**25**	300	55	36.3	8.4	14.5	281	5
40 08 26 26	**705957**	**26**	300	57.5	37.8	8.4	14.5	315	5
40 08 27 27	**705958**	**27**	300	60	39.2	8.4	14.5	345	5
40 08 28 28	**705959**	**28**	320	62	40.6	8.4	14.5	368	5
40 08 29 29	**705960**	**29**	330	64	41.9	8.9	16	420	5
40 08 30 30	**705961**	**30**	330	66	43.2	8.9	16	404	5
40 08 32 32	**705962**	**32**	360	70	45.8	9.4	16.5	484	5
40 08 34 34	**705963**	**34**	450	80	48	9.4	17	683	1
40 08 36 36	**705965**	**36**	460	88	50.8	10	18	787	1
40 08 38 38	**705966**	**38**	480	87	53.6	11	19	915	1
40 08 41 41	**705967**	**41**	480	88	57.8	11	19	1055	1
40 08 46 46	**705968**	**46**	500	94.5	65.2	13	20	1352	1
40 08 50 50	**705970**	**50**	530	103	73	14	21	1700	1
40 08 55 55	**705971**	**55**	560	114	81	15	22	2193	1
40 08 60 60	**705973**	**60**	590	125	89.8	16	24	2825	1

13a Combination spanners OPEN-BOX

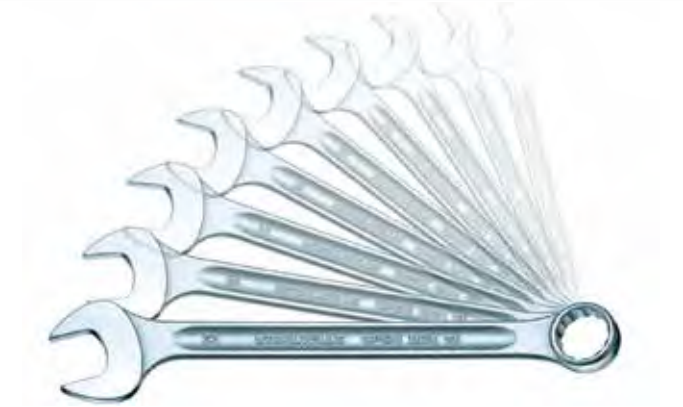
SW Code	Item Code	"	L mm	b mm	d mm	a_1 mm	a_2 mm	g	
40 48 12 12	**706010**	3/16	95	14	9.8	3	3.2	10	5
40 48 13 13	**706002**	13/64	95	14	9.8	3	3.2	10	5
40 48 14 14	**706021**	7/32	95	14	9.8	3	3.2	10	5
40 48 15 15	**706005**	15/64	95	14	9.8	3	3.2	9	5
40 48 16 16	**705994**	1/4	105	15.5	10.2	3.6	6	14	10
40 48 18 18	**706026**	9/32	110	17	11.3	3.9	6	17	10
40 48 20 20	**706015**	5/16	115	18	12.4	4.2	7	20	10
40 48 22 22	**705998**	11/32	120	21	13.4	4.5	7	26	10
40 48 24 24	**706013**	3/8	125	23	14.3	4.8	7	32	10
40 48 28 28	**706019**	7/16	135	26	16.4	4.8	8	41	10
40 48 32 32	**705992**	1/2	160	30	18.8	5.3	8.5	57	10
40 48 34 34	**706024**	9/16	165	32	20.6	5.3	8.5	68	10
40 48 35 35	**706006**	19/32	170	35	21.9	5.3	8.5	74	10
40 48 36 36	**706017**	5/8	180	37	23.2	5.8	10	88	10
40 48 38 38	**705996**	11/16	200	40	25.3	6.7	11.5	116	10
40 48 40 40	**706011**	3/4	230	42	27.5	6.7	11.5	144	10
40 48 41 41	**706009**	25/32	235	45	29	7	13	175	5
40 48 42 42	**706000**	13/16	260	47	30	7.3	13	204	5
40 48 44 44	**706023**	7/8	260	49	31.8	7.3	13	217	5
40 48 46 46	**706003**	15/16	280	53	34.9	7.8	14	255	5
40 48 48 48	**705977**	1	300	55	37.2	8.4	14.5	286	5
40 48 50 50	**705978**	1 1/16	300	60	39.2	8.4	14.5	327	5
40 48 52 52	**705983**	1 1/8	330	64	41.4	8.9	16	380	5
40 48 54 54	**705986**	1 3/16	335	66	43.2	8.9	16.5	398	1
40 48 56 56	**705981**	1 1/4	360	70	45.8	9.4	16.5	504	5
40 48 58 58	**705988**	1 5/16	450	74	47	9.6	17	617	1
40 48 60 60	**705987**	1 3/8	460	80	49.3	10	18	796	1
40 48 62 62	**705990**	1 7/16	460	80	51.4	10	18	770	1
40 48 64 64	**705980**	1 1/2	480	87	53.6	11	19	961	1
40 48 66 66	**705989**	1 5/8	480	88	58	11	19	1021	1
40 48 69 69	**705985**	1 13/16	500	94.5	65.3	13	20	1343	1
40 48 70 70	**705991**	1 7/8	530	103	68.4	14	21	1779	1
40 48 72 72	**706008**	2	530	103	74	14	21	1817	1

STAHLWILLE's AS Drive

The rings of STAHLWILLE combination spanners and double ended ring spanners are equipped with the AS Drive profile: this permits high transmission of forces to the lands of nuts and bolts without damaging them. No-longer will you have to worry about stripping the corners off nuts and bolts.*



*Anti-Slip Drive

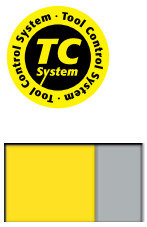


Sets: Combination spanners OPEN-BOX

SW Code	Item Code	No.	Content mm/"	g
96 40 08 13	706040^	13/6 [3])	7; 8; 10; 13; 17; 19mm	430
96 40 08 01	706041^	13/9	9; 10; 11; 12; 13; 14; 17; 19; 22mm	758
96 40 08 08	706027	13/10KT [1])	8; 9; 10; 11; 12; 13; 14; 15; 17; 19mm	746
96 40 08 02	706030^	13/11	8; 9; 10; 11; 12; 13; 14; 15; 17; 19; 22mm	915
96 40 08 03	706032^	13/15	6; 7; 8; 9; 10; 11; 12; 13; 17; 19; 22; 24; 27; 30; 32mm	2236
96 40 08 16	706033^	13/16 [2])	7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24mm	1620
96 40 08 04	706034^	13/17	6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22mm	1493
96 40 08 05	706039	13/26 [2])	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	4705
96 40 48 03	706121^	13a/8	7/16; 1/2; 9/16; 5/8; 11/16; 3/4; 13/16; 7/8"	959
96 40 48 12	706113	13a/10KT [1])	1/4; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16; 5/8; 11/16; 3/4"	750
96 40 48 04	706118	13a/20 [2])	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"	3210

Standard packing: clear view wallet.
[1]) carton with clear view cover
[2]) packed in carton
[3]) in convenient clip holder

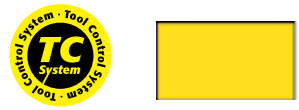
TCS 13/17



Foam: 350 x 350 x 60mm

SW Code	Item Code	No.	Content mm	g
96 83 01 64	706035^	TCS 13/17	6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24mm	1615

TCS 13/21



in TCS inlay

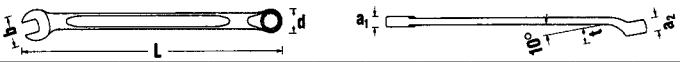
Foam: 530 x 350 x 75mm

SW Code	Item Code	No.	Content mm	g
96 83 01 74	706037^	TCS 13/21	6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24; 27; 30; 32; 34mm	3571

14 Combination spanners OPEN-BOX, long

AS-drive

DIN 3113 form B/ ISO 7738 form B,
Chrome Alloy Steel, chrome plated.



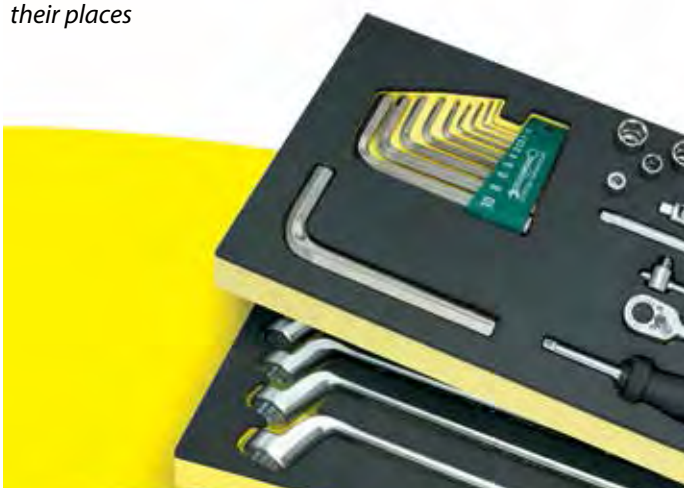
SW Code	Item Code	mm	L mm	b mm	d mm	a_1 mm	a_2 mm	t mm	g	
40 10 06 06	706158	6	125	14	9.5	4.5	6	7	18	10
40 10 07 07	706160	7	135	16	10.8	5	7	8	25	10
40 10 08 08	706162	8	145	17.5	12.1	5	7	8	28	10
40 10 09 09	706164	9	155	19	13.3	5.5	8	9	34	10
40 10 10 10	706122	10	165	21	14.6	5.5	8	9	43	10
40 10 11 11	706124	11	180	23.5	15.9	6	9	10	55	10
40 10 12 12	706126	12	180	25.5	17.3	6	9	10	61	10
40 10 13 13	706128	13	195	27.5	18.6	6.5	10	11	83	10
40 10 14 14	706130	14	210	29.5	20.1	6.5	10	11	88	10
40 10 15 15	706132	15	215	31	21.4	7	11	13	109	10
40 10 16 16	706134	16	230	33	22.7	7	11	14	108	10
40 10 17 17	706136	17	240	35	24.1	7.5	12	15	151	10
40 10 18 18	706138	18	255	37	25.5	7.5	12	16	151	10
40 10 19 19	706140	19	265	39.5	27	8	13	18	190	10
40 10 20 20	706142	20	280	41.5	28.5	8	13	19	219	10
40 10 21 21	706143	21	280	43	29.8	8.5	13	19	244	10
40 10 22 22	706144	22	300	45	31.3	8.5	14	20	268	10
40 10 24 24	706147	24	330	50	34.3	9.5	14	22	363	5
40 10 27 27	706150	27	385	56	38.6	10.5	16	24	502	5
40 10 30 30	706152	30	415	63	42.6	12	18	26	645	5
40 10 32 32	706153	32	430	67	45.2	12	18	27	666	5
40 10 34 34	706155	34	460	72	48	13	18	27	900	1
40 10 36 36	706156	36	480	74	50.8	13	19	28	951	1
40 10 41 41	706157	41	560	84	57.8	14	20	32	1322	1

Tool Control System

The safety inlay system

Designed to fit Stahlwille Tool Trolleys and Tool Boxes

With yellow signal cut-outs to show whether all tools are in their places



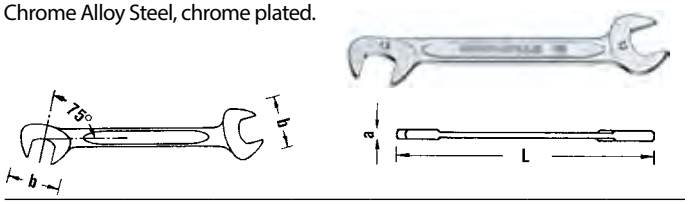
Sets: Combination spanners OPEN-BOX, long

SW Code	Item Code	No.	Content mm	g
96 40 10 08	**706177**	14/6 [2])	10; 13; 17; 19; 22; 24mm	1175
96 40 10 09	**706181^**	14/9 [2])	10; 11; 13; 17; 19; 22; 24; 27; 30mm	2395
96 40 10 07	**706169**	14/10 KT [1])	8; 10; 11; 12; 13; 14; 16; 17; 18; 19mm	1235
96 40 10 06	**706170^**	14/11	8; 9; 10; 11; 12; 13; 14; 15; 17; 19; 22mm	1465
96 40 10 04	**706171**	14/15	6; 7; 8; 9; 10; 11; 12; 13; 17; 19; 22; 24; 27; 30; 32mm	3370
96 40 10 10	**706174^**	14/15N [2])	10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24; 27; 30mm	3165
96 40 10 05	**706175^**	14/17	6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22mm	1874

Standard packing: clear view wallet.
[1]) packed in plastic with transparent cover
[2]) packed in carton

12 Small double open ended spanners ELECTRIC

Chrome Alloy Steel, chrome plated.



SW Code	Item Code	mm	L mm	b mm	a mm	g	
40 06 32 32	**705682**	**3.2**	70	10.5	2	5	10
40 06 35 35	**705683**	**3.5**	70	10.5	2	5	10
40 06 04 04	**705684**	**4**	70	10.5	2	5	10
40 06 45 45	**705685**	**4.5**	70	10.5	2	5	10
40 06 05 05	**705686**	**5**	78	12.6	2	7	10
40 06 55 55	**705687**	**5.5**	78	12.6	2	7	10
40 06 06 06	**705688**	**6**	78	12.6	2	6	10
40 06 07 07	**705689**	**7**	91	14.7	2	9	10
40 06 08 08	**705690**	**8**	96	16.8	3	16	10
40 06 09 09	**705691**	**9**	103	18.9	3	19	10
40 06 10 10	**705676**	**10**	105	21	3	22	10
40 06 11 11	**705677**	**11**	116	24.2	3	27	10
40 06 12 12	**705678**	**12**	116	24.2	3	27	10
40 06 13 13	**705679**	**13**	131	28.3	3	37	10
40 06 14 14	**705680**	**14**	131	28.3	3	36	10

12a Small double open ended spanners ELECTRIC

SW Code	Item Code	"	L mm	b mm	a mm	g	
40 46 10 10	**705700**	**5/32**	70	10.5	2	5	10
40 46 12 12	**705697**	**3/16**	70	10.5	2	5	10
40 46 13 13	**705695**	**13/64**	78	12.6	2	7	10
40 46 14 14	**705702**	**7/32**	78	12.6	2	6	10
40 46 15 15	**705696**	**15/64**	78	12.6	2	6	10
40 46 16 16	**705693**	**1/4**	91	14.7	2	9	10
40 46 18 18	**705704**	**9/32**	91	14.7	2	9	10
40 46 20 20	**705699**	**5/16**	96	16.8	3	16	10
40 46 22 22	**705694**	**11/32**	103	18.9	3	19	10
40 46 24 24	**705698**	**3/8**	105	21	3	22	10
40 46 28 28	**705701**	**7/16**	116	24.2	3	28	10
40 46 32 32	**705692**	**1/2**	131	28.3	3	37	10
40 46 34 34	**705703**	**9/16**	131	28.3	3	36	10

Sets: Small double open ended spanners ELECTRIC

SW Code	Item Code	No.	Content mm/"	g
96 40 06 53	**705705**	12/10Pc	4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11mm	161
96 40 06 51	**705706**	12/15Pc	3.2; 3.5; 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14mm	296
96 40 46 54	**705940**	12a/13Pc	5/32; 3/16; 13/64; 7/32; 15/64; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"	270

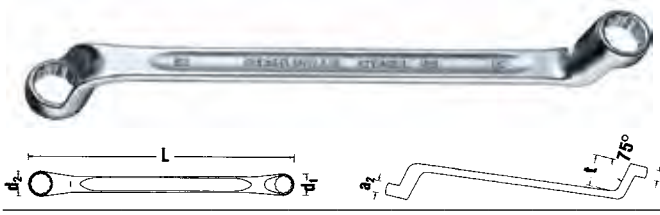
Pc: in plastic-wallet

20 Double ended ring spanners

AS-drive

StahlwilleSTABIL®

offset, DIN 838/ISO 10104 (metric sizes),
Chrome Alloy Steel, chrome plated.



SW Code	Item Code	mm	L mm	d_1 mm	d_2 mm	a_1 mm	a_2 mm	t mm	g	
41 04 06 07	**706354**	**6 x 7**	165	10.5	11.8	6	7	18	46	10
41 04 08 09	**706357**	**8 x 9**	180	13.1	14.5	7	8	20	62	10
41 04 08 10	**706356**	**8 x 10**	180	13.1	15.8	7	9	21	61	10
41 04 10 11	**706327**	**10 x 11**	200	15.8	17.2	9	9	23	93	10
41 04 10 13	**706329^**	**10 x 13**	220	15.8	20	9	10	25	122	10
41 04 12 13	**706330**	**12 x 13**	220	18.6	20	9	10	25	126	10
41 04 13 17	**706331**	**13 x 17**	245	20	25.3	10	12	27	169	10
41 04 14 15	**706332**	**14 x 15**	245	21.3	22.6	10	12	27	163	10
41 04 16 17	**706334**	**16 x 17**	255	23.9	25.3	11	12	27	181	10
41 04 17 19	**706336**	**17 x 19**	270	25.3	28	12	13	29	220	10
41 04 18 19	**706337**	**18 x 19**	275	26.6	28	12	13	29	228	10
41 04 18 21	**706338**	**18 x 21**	300	26.6	30.7	12	13	31	279	10
41 04 19 22	**706339**	**19 x 22**	300	28	32.1	13	14	31	315	10
41 04 20 22	**706340**	**20 x 22**	300	29.4	32.1	13	14	31	317	5
41 04 21 23	**706341**	**21 x 23**	315	30.7	33.4	13	14	31	312	5
41 04 21 24	**706342**	**21 x 24**	330	30.7	34.7	13	14	34	384	5
41 04 22 24	**706343**	**22 x 24**	330	32.1	34.7	14	14	34	368	5
41 04 24 26	**706344**	**24 x 26**	330	34.7	37.3	14	15	34	427	5
41 04 24 27	**706345**	**24 x 27**	330	34.7	38.6	14	15	34	447	5
41 04 25 28	**706346**	**25 x 28**	350	36	40	14	15	34	414	5
41 04 27 30	**706347**	**27 x 30**	360	38.3	42.6	15	15	37	595	5
41 04 27 32	**706348**	**27 x 32**	360	39.3	47.2	15	16	37	596	5
41 04 30 32	**706349**	**30 x 32**	365	42.6	45.4	15	16	37	603	5
41 04 30 34	**706350**	**30 x 34**	365	42.6	48	15	16	37	670	1
41 04 34 36	**706351^**	**34 x 36**	400	48	51	16	17	38	750	1
41 04 36 41	**706352**	**36 x 41**	440	53	60	17	18	40	1063	1
41 04 46 50	**706353**	**46 x 50**	535	65.2	73	19	20	45	1015	1

20a Double ended ring spanners

SW Code	Item Code	"	L mm	d_1 mm	d_2 mm	a_1 mm	a_2 mm	t mm	g	
41 44 16 20	**706359**	**1/4 x 5/16**	180	11.8	13.1	7	7	20	61	10
41 44 24 28	**706365**	**3/8 x 7/16**	200	15.8	17.2	9	9	23	88	10
41 44 32 34	**706358**	**1/2 x 9/16**	220	20	21.3	9	10	25	131	10
41 44 34 36	**706368**	**9/16 x 5/8**	245	21.3	25.3	10	12	27	168	10
41 44 35 38	**706362**	**19/32 x 11/16**	255	23.9	25.3	11	12	27	177	10
41 44 36 40	**706366**	**5/8 x 3/4**	270	23.9	28	12	13	29	235	10
41 44 38 42	**706360**	**11/16 x 13/16**	300	25.3	30.7	12	13	31	280	5
41 44 40 44	**706364**	**3/4 x 7/8**	300	28	32.1	13	14	31	299	5
41 44 41 42	**706363**	**25/32 x 13/16**	300	29.4	32.1	13	14	31	333	5
41 44 44 46	**706367**	**7/8 x 15/16**	330	32.1	34.7	14	14	34	363	5
41 44 46 48	**706361**	**15/16 x 1**	330	34.7	37.3	14	15	34	419	5
41 44 52 58	**706406^**	**1 1/8 x 1 5/16**	365	42.6	45.4	15	16	37	581	1

Sets: Double ended ring spanners

StahlwilleSTABIL®

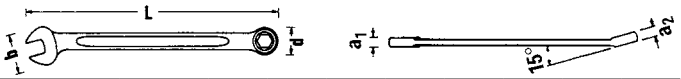
offset.

SW Code	Item Code	No.	Content mm/"	g
96 41 04 08	**706378**	20/7N	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19mm	930
96 41 04 05	**706379**	20/8	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22mm	1291
96 41 04 09	**706381^**	20/9	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 24mm	1650
96 41 04 07	**706374**	20/10	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22; 24 x 27; 30 x 32mm	2331
96 41 04 06	**706377**	20/12	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; 25 x 28; 30 x 32mm	3137
96 41 44 02	**706408**	20a/6	1/4 x 5/16; 3/8 x 7/16; 1/2 x 9/16; 5/8 x 3/4; 11/16 x 13/16; 7/8 x 15/16"	1244
96 41 44 05	**706407**	20a/10	1/4 x 5/16; 3/8 x 7/16; 1/2 x 9/16; 9/16 x 5/8; 19/32 x 11/16; 5/8 x 3/4; 11/16 x 13/16; 3/4 x 7/8; 25/32 x 13/16; 7/8 x 15/16"	2260

Standard packing: carton

16 Combination spanners OPEN-BOX

ISO 3318,
Chrome Alloy Steel,
chrome plated.



SW Code	Item Code	mm	L mm	b mm	d mm	a_1 mm	a_2 mm	g	
40 09 32 32	**706293**	**3.2**	75	10	6.6	3	3.2	6	10
40 09 35 35	**706294**	**3.5**	75	10	6.6	3	3.2	6	10
40 09 40 40	**706295**	**4**	85	12.5	7.8	3	3.2	9	10
40 09 45 45	**706296**	**4.5**	85	12.5	7.8	3	3.2	8	10
40 09 50 50	**706297**	**5**	95	14	9.8	3	3.2	11	10

16/5Pc Set: Combination spanners OPEN-BOX

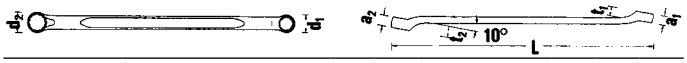
SW Code	Item Code	No.	Content mm	g
96 40 09 02	**706298**	16/5Pc	3.2; 3.5; 4; 4.5; 5mm	46

Pc: in green plastic-wallet

230a Double ended ring spanners

AS-drive HPQ

shallow offset, SAE AS 954 (dimensions and test loads);
Fed. Spec. GGG-W-636E,
S.B.A.C. Techn. Spec. T.S. 48 up to size 1/2",
HPQ high performance steel, chrome plated.



SW Code	Item Code	"	L mm	d_1 mm	d_2 mm	a_1 mm	a_2 mm	t_1 mm	t_2 mm	g	
41 61 16 20	**706514^**	1/4 x 5/16	180	10.2	11.9	5.2	6	7.9	8.8	36	10
41 61 20 22	**706520^**	5/16 x 11/32	195	11.9	13.5	7	8	8	9	45	10
41 61 20 24	**706521^**	5/16 x 3/8	195	11.9	14.6	6	7.9	10.8	12.4	54	10
41 61 24 28	**706519^**	3/8 x 7/16	215	14.6	16.7	7.9	8.7	11.4	11.7	74	10
41 61 28 32	**706523^**	7/16 x 1/2	225	16.7	19.5	8.7	9.1	11.9	12.6	105	10
41 61 32 34	**706513^**	1/2 x 9/16	235	19.5	20.7	9.1	9.5	12.2	12.9	119	10
41 61 34 36	**706524^**	9/16 x 5/8	245	20.7	22.6	9.5	11.5	13.8	13.9	122	10
41 61 36 40	**706522^**	5/8 x 3/4	274	22.6	27.5	11.1	12	14.8	15.8	156	10
41 61 38 40	**706515^**	11/16 x 3/4	275	25.4	27.5	11.1	12	15.2	15.8	158	10
41 61 42 44	**706516^**	13/16 x 7/8	301	29.5	31.7	13.5	14.5	19	20	175	5
41 61 46 48	**706517^**	15/16 x 1	340	34.1	36.5	14.5	15	22	23	375	5
41 61 48 50	**706518^**	1 x 1 1/16	368	36.5	38.6	15	16	23	24	460	5
41 61 52 56	**706512^**	1 1/8 x 1 1/4	403	40.8	45	16	18	25	27	620	5

STAHLWILLE's HPQ spanners

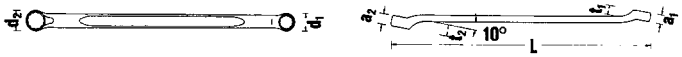
STAHLWILLE HPQ spanners are manufactured from selected tough steel alloys. The result: extremely high load capacity with exceptionally thin rings. HPQ spanners are free of cadmium and are therefore suitable for use on titanium alloy parts and titanium fasteners as used e.g. in the aerospace industry, where safety is a crucial factor.*

**High Performance Quality*

23 Double ended ring spanners

AS-drive

shallow offset, DIN 897/ISO 10104 (metric sizes),
Chrome Alloy Steel, chrome plated.



SW Code	Item Code	mm	L mm	d_1 mm	d_2 mm	a_1 mm	a_2 mm	t_1 mm	t_2 mm	g	
41 07 06 07	**706501**	6 x 7	170	9.5	10.8	6	7	7	8	41	10
41 07 08 09	**706502**	8 x 9	179	12.1	13.3	7	8	8	9	49	10
41 07 10 11	**706484**	10 x 11	188	14.6	15.9	8.5	9.5	9	10	66	10
41 07 12 13	**706485**	12 x 13	203	17.3	18.6	9.5	10.5	10	11	95	10
41 07 14 15	**706488**	14 x 15	219	20.1	21.4	10.5	11.5	11	13	109	10
41 07 16 17	**706489**	16 x 17	248	22.7	24.1	11.5	12.5	14	15	144	10
41 07 17 19	**706491**	17 x 19	250	24.1	27	12.5	13.5	15	18	162	10
41 07 18 19	**706492**	18 x 19	251	25.5	27	12.5	13.5	16	18	157	10
41 07 20 22	**706495**	20 x 22	280	28.5	31.3	13.5	14.5	19	20	223	5
41 07 21 23	**706496**	21 x 23	328	29.8	32.9	13.5	14.5	19	22	281	5
41 07 24 27	**706498**	24 x 27	376	34.3	38.6	14.5	16	22	24	426	5
41 07 30 32	**706500**	30 x 32	429	42.6	45.2	18	18	26	27	608	5

23/8 Set: Double ended ring spanners

shallow offset.

SW Code	Item Code	No.	Content mm	g
96 41 07 04	**706511**	23/8	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22mm	870

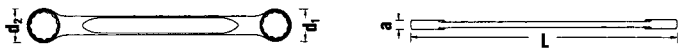
Standard packing: carton

21 Double ended ring spanners

AS-drive

StahlwilleSTABIL®

straight, DIN 837/ISO 10103,
Chrome Alloy Steel, chrome plated.



SW Code	Item Code	mm	L mm	d_1 mm	d_2 mm	a mm	g	
41 05 06 07	**706426**	6 x 7	100	9.6	11	4.5	14	10
41 05 08 09	**706428**	8 x 9	115	12.5	14	5.5	19	10
41 05 08 10	**706427**	8 x 10	115	12.5	15.4	6	18	10
41 05 10 11	**706409^**	10 x 11	130	15.4	16.6	6	28	10
41 05 12 13	**706410**	12 x 13	150	18.2	19.5	6.5	42	10
41 05 13 17	**706412**	13 x 17	170	19.5	25	8	57	10
41 05 14 15	**706413**	14 x 15	165	21	22.5	7.5	55	10
41 05 16 17	**706414**	16 x 17	170	23.8	25	8	68	10
41 05 17 19	**706416**	17 x 19	185	25	27.6	8	78	10
41 05 18 19	**706417**	18 x 19	185	26.3	27.6	9	84	10
41 05 18 21	**706418**	18 x 21	210	26.3	30.5	9	107	5
41 05 19 22	**706419**	19 x 22	210	27.6	32.4	9	109	5
41 05 20 22	**706420**	20 x 22	210	29	32.4	9	109	5
41 05 21 24	**706421**	21 x 24	235	30.5	34.7	10	128	5
41 05 24 27	**706422**	24 x 27	290	34.7	38.5	11	225	5
41 05 27 32	**706423**	27 x 32	320	38.5	45.5	12	283	5
41 05 30 32	**706424**	30 x 32	325	43	45.5	12	289	5
41 05 30 34	**706425**	30 x 34	325	43	48.5	12	307	5

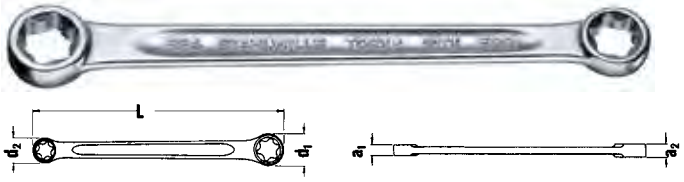
Sets: Double ended ring spanners

SW Code	Item Code	No.	Content mm	g
96 41 05 03	**706434**	21/7	8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22mm	397
96 41 05 01	**706433^**	21/10	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22; 24 x 27; 30 x 32mm	943

Standard packing: carton

21TX TORX® ring spanners

for external TORX® screws, straight,
Chrome Alloy Steel, chrome plated.

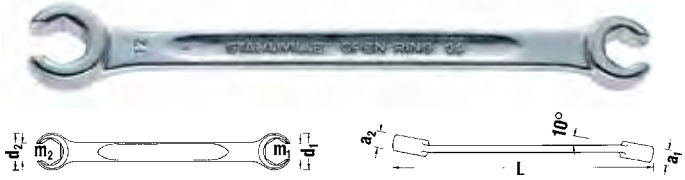


SW Code	Item Code	Size	L mm	d_1 mm	d_2 mm	a_1 mm	a_2 mm	g	
41 25 06 08	**706432**	**E6 x E8**	115.5	9.6	11.6	4.5	5.5	17	10
41 25 10 12	**706429**	**E10 x E12**	149.5	13.7	15.7	6.5	7.5	33	10
41 25 14 18	**706430**	**E14 x E18**	185	17.8	22.5	8	9.5	71	10
41 25 20 24	**706431**	**E20 x E24**	227	24.7	29.2	10.5	12.5	129	10

24 Flare nut spanners, angled

AS-drive

DIN 3118/ISO 3318 (metric sizes),
Chrome Alloy Steel, chrome plated.
Commonly known as Flare Nut Spanners



SW Code	Item Code	mm	L mm	d_1 mm	d_2 mm	a_1 mm	a_2 mm	m_1 mm	m_2 mm	g	
41 08 08 10	**706559**	**8 x 10**	145	17.5	19.5	7	8.5	6.3	7.1	39	10
41 08 09 11	**706560**	**9 x 11**	155	18.5	21.5	8.5	9	6.7	8.6	54	10
41 08 10 11	**706546**	**10 x 11**	155	19.5	21.5	8.5	9	7.1	8.6	55	10
41 08 10 12	**706547**	**10 x 12**	160	19.5	22.5	8.5	9.5	7.1	9	59	10
41 08 11 13	**706548**	**11 x 13**	170	21.5	24	9	10	8.6	10	80	10
41 08 12 14	**706549**	**12 x 14**	180	24	26	9.5	10.5	9	11	89	10

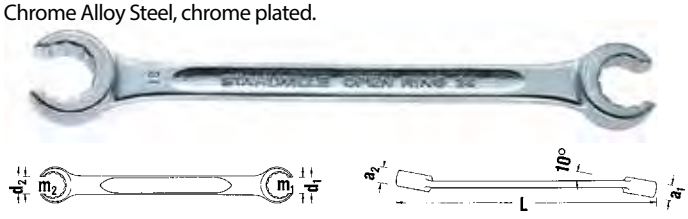
24a Flare nut spanners, angled

SW Code	Item Code	"	L mm	d_1 mm	d_2 mm	a_1 mm	a_2 mm	m_1 mm	m_2 mm	g	
41 48 16 20	**706562**	**1/4 x 5/16**	105	16.5	18	5.5	7	3.7	5	32	10
41 48 20 24	**706565**	**5/16 x 3/8**	145	17.5	19.5	7	8.5	6.3	7.1	39	10
41 48 24 28	**706564**	**3/8 x 7/16**	155	19.5	21.5	8.5	9	7.1	8.6	57	10
41 48 32 34	**706561**	**1/2 x 9/16**	180	24	26	9.5	10.5	9.5	11	87	10

24 Flare nut spanners, angled

AS-drive

DIN 3118/ISO 3318 (metric sizes),
Chrome Alloy Steel, chrome plated.



SW Code	Item Code	mm	L mm	d_1 mm	d_2 mm	a_1 mm	a_2 mm	m_1 mm	m_2 mm	g	
41 08 14 17	**706550**	**14 x 17**	200	26	30	10.5	12	11	14	115	10
41 08 17 19	**706552**	**17 x 19**	220	30	33	12	13	14	15.8	151	10
41 08 19 22	**706554**	**19 x 22**	230	33	37	13	15	15.8	17	192	5
41 08 22 24	**706555**	**22 x 24**	245	37	40.5	15	16	17	18	251	5
41 08 24 27	**706556**	**24 x 27**	270	40.5	44.5	16	17.5	18	20	310	5
41 08 27 36	**706557**	**27 x 36**	300	42	54	16	19	20	27	414	5
41 08 30 32	**706558**	**30 x 32**	300	48.5	50.5	20	22	22	24	455	5

24a Flare nut spanners, angled

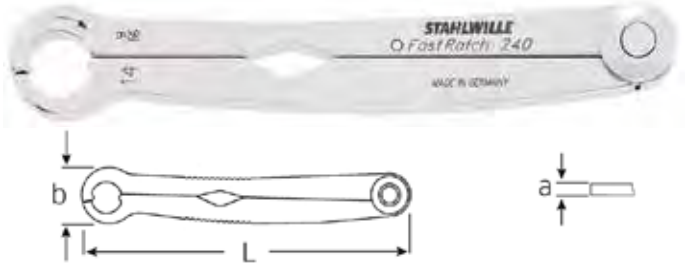
SW Code	Item Code	"	L mm	d_1 mm	d_2 mm	a_1 mm	a_2 mm	m_1 mm	m_2 mm	g	
41 48 36 40	**706566**	**5/8 x 3/4**	218	29	33	12	13	12.7	15.8	148	5
41 48 40 48	**706563**	**3/4 x 1**	232	33	40.2	13	16	15.8	19	199	5

Set: Flare nut spanners No-24

SW Code	Item Code	No.	Content mm	g
96 83 81 71	**706567^**	24/7	8 x 10; 10 x 11; 11 x 13; 12 x 14; 14 x 17; 17 x 19; 19 x 22mm	835

240 Ratchet wrenches FastRatch

patented, specially suitable for union nuts. Using a single wrench, it is possible to tighten/loosen both metric and imperial nuts and bolts.
Made of hardened and tempered stainless steel.



SW Code	Item Code	mm/"	L mm	b mm	a mm	g	
41 10 08 08	**706577^**	**8** 5/16	121.4	16	4	60	1
41 10 10 10	**706568^**	**10** 3/8	133.3	20	4	70	1
41 10 11 11	**706569**	**11** 7/16	140.4	23	5	103	1
41 10 12 12	**706570**	**12** 15/32	146.3	25	5	100	1
41 10 13 13	**706571**	**13** 1/2	168.4	26.8	6	154	1
41 10 14 14	**706572**	**14** 9/16	174.6	29.6	6	180	1
41 10 16 16	**706573**	**16** 5/8	191.3	32.8	7	270	1
41 10 17 17	**706574**	**17** 21/32	201.7	34.3	7	310	1
41 10 18 18	**706575**	**18** 11/16	212.8	36.2	7	310	1
41 10 19 19	**706576**	**19** 3/4	238.5	38.5	7	380	1

^ = non stocked line

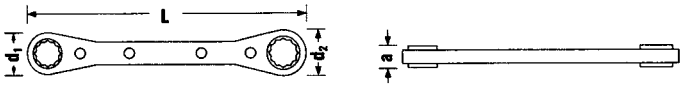
240/5 Set: Open-end ratchet wrenches

SW Code	Item Code	No.	Content mm/"	g
96 41 10 01	**706578^**	**240/5**	10mm - 3/8"; 11mm - 7/16"; 14mm - 9/16"; 17mm - 21/32"; 19mm - 3/4"	1022

25 Ratchet ring spanners

AS-drive

with bi-hexagon, straight, Fed. Spec. GGG-W-001405 (American sizes), chrome plated.



SW Code	Item Code	mm	L mm	d_1 mm	d_2 mm	a mm	g	
41 13 07 08	**706586^**	**7 x 8**	109	15	17	9	55	1
41 13 09 10	**706587^**	**9 x 10**	139	20	23	9	80	1
41 13 10 11	**706580^**	**10 x 11**	170	26	30	12	144	1
41 13 12 13	**706581^**	**12 x 13**	170	26	30	12	135	1
41 13 14 15	**706582^**	**14 x 15**	170	26	30	12	126	1
41 13 16 18	**706583^**	**16 x 18**	205	33	36	12	196	1
41 13 17 19	**706584^**	**17 x 19**	205	33	36	12	188	1

25aN Ratchet ring spanners

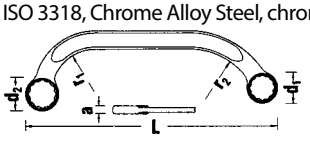
as No-25, but made of solid steel.

SW Code	Item Code	"	L mm	d_1 mm	d_2 mm	a mm	g	
41 56 16 20	**706591^**	**1/4 x 5/16**	109	15	17	9	65	1
41 56 20 22	**706594^**	**5/16 x 11/32**	109	15	17	9	60	1
41 56 24 28	**706593^**	**3/8 x 7/16**	139	20	23	9	90	1
41 56 32 34	**706590^**	**1/2 x 9/16**	174	26	30	12	164	1
41 56 36 38	**706595^**	**5/8 x 11/16**	205	33	36	12	257	1
41 56 40 44	**706592^**	**3/4 x 7/8**	235	36	40	13	296	1
41 56 42 46	**706610^**	**13/16 x 15/16**	235	36	40	12	281	1

27 Starter or half moon spanners

AS-drive

ISO 3318, Chrome Alloy Steel, chrome plated.



SW Code	Item Code	mm	L mm	d_1 mm	d_2 mm	a mm	r_1 mm	r_2 mm	g	
41 09 10 12	**706625**	**10 x 12**	150	16.5	19.5	6.5	35	60	53	10
41 09 11 13	**706626**	**11 x 13**	150	16.5	19.5	6.5	35	60	50	10
41 09 14 16	**706627**	**14 x 16**	179	21	24.5	7.5	36	64	91	10
41 09 14 17	**706628**	**14 x 17**	179	21	24.5	7.5	36	64	89	10
41 09 15 17	**706629**	**15 x 17**	184	22.5	25	7.5	38	66	96	10
41 09 16 18	**706630**	**16 x 18**	200	25.3	27.5	8.5	47	68	130	5
41 09 19 22	**706631**	**19 x 22**	225	28	32	9	48	67	164	5

29 Double ended flexi-joint spanners FLEXI

AS-drive

Chrome Alloy Steel, chrome plated.

SW Code	Item Code	mm	L mm	d_1 mm	d_2 mm	a_1 mm	a_2 mm	g	
43 01 08 09	**706652**	**8 x 9**	201	11.9	13.4	26	27.5	81	10
43 01 10 11	**706636^**	**10 x 11**	202	14.7	15.9	30.5	32	102	10
43 01 10 13	**706637**	**10 x 13**	230.5	14.7	18.4	30	33.5	137	10
43 01 12 13	**706638**	**12 x 13**	228	17.2	18.4	33	33.5	153	10
43 01 14 15	**706641**	**14 x 15**	227	19.7	20.9	35	37	197	10
43 01 16 17	**706642^**	**16 x 17**	247	22.2	23.7	38.5	39	234	10
43 01 16 18	**706643**	**16 x 18**	249	22.2	24.7	38.5	40	267	10
43 01 17 19	**706644**	**17 x 19**	250	23.7	26.3	39	41	277	5
43 01 18 19	**706645**	**18 x 19**	246.5	24.7	26.3	40	41	294	5
43 01 20 22	**706647**	**20 x 22**	287.5	27.3	29.8	45.5	48	430	5
43 01 21 23	**706648**	**21 x 23**	286.5	28.6	31.1	46.5	50	447	5
43 01 24 27	**706649**	**24 x 27**	349.5	32.4	36.1	50.5	60.5	716	5

29a Double ended flexi-joint spanners FLEXI

SW Code	Item Code	"	L mm	d_1 mm	d_2 mm	a_1 mm	a_2 mm	g	
43 41 24 28	**706654**	**3/8 x 7/16**	202	14	16	30.5	32	98	5
43 41 32 34	**706653**	**1/2 x 9/16**	227	18.1	20	35	37	195	5
43 41 36 38	**706655**	**5/8 x 11/16**	249.5	22.1	24	39	40	269	5

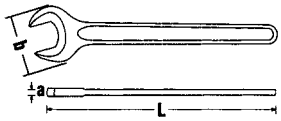
29/7 Set: Double ended flexi-joint spanners FLEXI

SW Code	Item Code	No.	Content mm/"	g
96 43 01 01	**706656**	**29/7**	8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22mm	1503

Standard packing: carton

4004 Single-end spanners

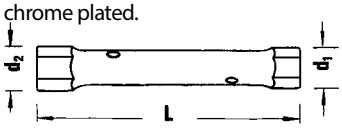
DIN 894, Special Tool Steel, grey finish.



SW Code	Item Code	mm	L mm	b mm	a mm	g	
40 04 02 40	**706846^**	**24**	215	50	8.9	147	1
40 04 02 70	**706847^**	**27**	238	56	9.8	193	1
40 04 03 00	**706848**	**30**	261	62	10.8	268	1
40 04 03 20	**706849**	**32**	273	66	11.8	315	1
40 04 03 60	**706850**	**36**	300	74	12.8	421	1
40 04 04 10	**706851**	**41**	335	83.5	12.8	555	1
40 04 04 60	**706852**	**46**	369	93	14.8	770	1
40 04 05 00	**706853**	**50**	412	102	17	1003	1
40 04 05 50	**706854**	**55**	457	112	18	1267	1
40 04 06 00	**706855**	**60**	492	122	18	1650	1
40 04 06 50	**706856**	**65**	528	132	19	2012	1
40 04 07 00	**706857**	**70**	572	142	20	2425	1
40 04 07 50	**706858**	**75**	608	152	21	2758	1
40 04 08 00	**706859^**	**80**	645	162	22	2963	1
40 04 08 50	**706860^**	**85**	690	173	23	3717	1
40 04 09 00	**706861^**	**90**	690	173	23	3570	1
40 04 09 50	**706862^**	**95**	847	195	25	5943	1

10750 Box spanners

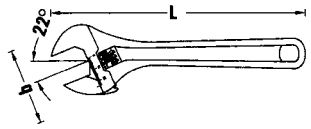
DIN 896, B shape, ST 55, tubular, high carbon alloy steel, seamless drawn, chrome plated.



SW Code	Item Code	mm	L mm	d_1 mm	d_2 mm	g	
43 32 06 07	**705245^**	**6 x 7**	110	7.52	10.5	26	10
43 32 08 09	**705246^**	**8 x 9**	110	12.2	13.2	30	10
43 32 10 11	**705229^**	**10 x 11**	120	14.2	15.2	48	10
43 32 12 13	**705230**	**12 x 13**	140	17.2	18.2	68	10
43 32 14 15	**705231^**	**14 x 15**	140	19.2	20.2	78	10
43 32 16 17	**705232^**	**16 x 17**	150	22.2	23.2	123	10
43 32 17 19	**705233^**	**17 x 19**	160	24.2	26.2	147	10
43 32 18 19	**705234^**	**18 x 19**	160	25.2	26.2	148	10
43 32 20 22	**705235^**	**20 x 22**	170	27.2	29.3	200	5
43 32 21 23	**705236^**	**21 x 23**	170	28.2	30.2	191	5
43 32 24 26	**705237^**	**24 x 26**	190	32.2	34.2	293	5
43 32 24 27	**705238^**	**24 x 27**	190	32.2	35.2	289	5
43 32 30 32	**705239^**	**30 x 32**	200	39.2	42.3	382	5
43 32 32 36	**705240^**	**32 x 36**	220	42.2	46.2	535	2
43 32 36 41	**705241^**	**36 x 41**	220	47.2	52.5	662	2
43 32 41 46	**705242^**	**41 x 46**	240	53.2	59.2	750	2
43 32 46 50	**705243^**	**46 x 50**	240	58.5	63.5	959	2
43 32 55 60	**705244^**	**55 x 60**	240	70.2	76.2	1125	2

4025 Single-end spanners, adjustable

right-handed, DIN 3117/ISO 6787,
B shape, jaw offset 22°,
Chrome Vanadium, chrome plated.



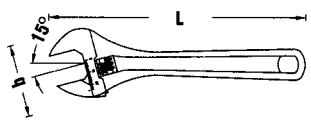
SW Code	Item Code	Size	max mm	L mm	b mm	a mm	g	
40 25 00 04	**706887**	**4**	13	114	33	9.5	53	5
40 25 00 06	**706888**	**6**	20	159	48	12	123	5
40 25 00 08	**706889**	**8**	24	206	60	13.5	241	5
40 25 00 10	**706883**	**10**	29	257	71	16	399	5
40 25 00 12	**706884**	**12**	34	309	83	19	708	5
40 25 00 15	**706885**	**15**	43	384	103	25	1287	1
40 25 00 18	**706886**	**18**	53	460	120	30	2105	1

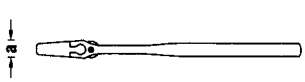
Sets: Box spanners

SW Code	Item Code	No.	Content mm	g
96 43 12 01	**705248^**	**10750/7**	8 x 9; 10 x 11;12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22mm	725
96 43 12 04	**705247^**	**10750/11**	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	1585

4026 Single-end spanners, adjustable

left-handed, DIN 3117/ISO 6787,
A shape, jaw offset 15°,
Chrome-Vanadium, gun finish.





SW Code	Item Code	Size	max mm	L mm	b mm	a mm	g	
40 26 00 04	**706894^**	**4**	13	114	33	9.5	50	5
40 26 00 06	**706895^**	**6**	20	159	48	12	138	5
40 26 00 08	**706896^**	**8**	24	206	60	13.5	247	5
40 26 00 10	**706890^**	**10**	29	257	71	16	397	5
40 26 00 12	**706891^**	**12**	34	309	83	19	699	5
40 26 00 15	**706892^**	**15**	43	384	103	25	1324	1
40 26 00 18	**706893^**	**18**	53	460	120	30	2076	1

4205 Flogging Spanners - Metric

Striking Face Ring Spanner

SW Code	Item Code	mm	No.	
42 05 00 24	707037^	24	SW4205 24	1
42 05 00 26	707038^	26	SW4205 26	1
42 05 00 27	707039	27	SW4205 27	1
42 05 00 28	707040^	28	SW4205 28	1
42 05 00 30	707041^	30	SW4205 30	1
42 05 00 32	707042^	32	SW4205 32	1
42 05 00 33	707043^	33	SW4205 33	1
42 05 00 36	707044^	36	SW4205 36	1
42 05 00 37	707045^	37	SW4205 37	1
42 05 00 38	707046^	38	SW4205 38	1
42 05 00 41	707047^	41	SW4205 41	1
42 05 00 42	707048^	42	SW4205 42	1
42 05 00 46	707049	46	SW4205 46	1
42 05 00 47	707050^	47	SW4205 47	1
42 05 00 48	707051^	48	SW4205 48	1
42 05 00 50	707052	50	SW4205 50	1
42 05 00 52	707053^	52	SW4205 52	1
42 05 00 55	707054	55	SW4205 55	1
42 05 00 56	707055	56	SW4205 56	1
42 05 00 60	707056^	60	SW4205 60	1
42 05 00 64	707057^	64	SW4205 64	1
42 05 00 65	707058	65	SW4205 65	1
42 05 00 70	707059^	70	SW4205 70	1
42 05 00 75	707060^	75	SW4205 75	1
42 05 00 80	707061^	80	SW4205 80	1
42 05 00 85	707062^	85	SW4205 85	1
42 05 00 90	707063^	90	SW4205 90	1
42 05 00 95	707064^	95	SW4205 95	1
42 05 01 00	707022^	100	SW4205 100	1
42 05 01 05	707023^	105	SW4205 105	1
42 05 01 10	707024^	110	SW4205 110	1
42 05 01 15	707025^	115	SW4205 115	1
42 05 01 20	707026^	120	SW4205 120	1
42 05 01 30	707027^	130	SW4205 130	1
42 05 01 35	707028^	135	SW4205 135	1
42 05 01 45	707029^	145	SW4205 145	1
42 05 01 50	707030^	150	SW4205 150	1
42 05 01 60	707031^	160	SW4205 160	1
42 05 01 65	707032^	165	SW4205 165	1
42 05 01 70	707033^	170	SW4205 170	1
42 05 01 75	707034^	175	SW4205 175	1
42 05 01 80	707035^	180	SW4205 180	1
42 05 02 10	707036^	210	SW4205 210	1

Tool sets for the aerospace industry

For maintenance on aeroplanes and helicopters.
All of our Stahlwille tool sets for the aerospace industry come with the Tool Control System for built in safety.
The QuickRelease System for socket spanners and inserts has a safety lock to prevent damage to workpieces and guarantee secure, rapid connection of all components to form a single combined unit, so you can't inadvertently release a tool. This combined with our Anti Slip Drive and High Performance Quality Steel ensure you have the best tools for the job.
Contact Customer Service on 1300 780 876 for more information and to enquire about the range of tool sets available.

Provide guaranteed safety and efficiency. STAHLWILLE sets of socket spanners and inserts

The professionals in industry and the trades are under pressure to work quickly, accurately and economically. Which is why they make heavy demands on their tools. Due to the numerous technical innovations incorporated in them, STAHLWILLE ratchets and sockets make a valuable contribution to the prevention of both mistakes and injuries.

By using ratchets, adaptors and inserts made by STAHLWILLE, professional tradesmen are quite simply "making sure". It does not matter whether it is a full set of tools or individual components – users can be sure they will get top-of-the-range quality every time. This is guaranteed by adherence to the closest tolerances during production and stringently applied quality assurance measures in accordance with DIN EN ISO 9001. The legendary reliability and precision of these tools is enhanced by a large number of user-friendly features.

Set No 45/14/5iQR
in sturdy plastic case

- **Non-slip, ergonomically manufactured 2-component handles facilitate strain-free working.**
- **Slim-design sockets enable access to awkward places.**
- **The QuickRelease system ensures full control over the joint between the ratchet, the adaptors and the sockets.**
- **Sculpted chemical-resistant cut-outs in special PE foam inlays prevent tools rattling and sliding around.**

1 Ergonomically designed 2-component handle made of impact-resistant, skydrol resistant plastic.

2 All metal parts are made of high-grade steel (Chrome Alloy Steel, chrome plated).

3 Firm seating and yet easy release of sockets and adaptors.

4 Wear parts can be easily replaced using sets of spares for sockets.

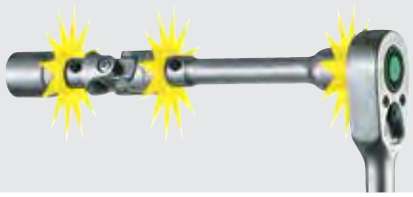
5 Separate pawl to switch from clockwise to anti-clockwise.

Safety advantage 1
STAHLWILLE QuickRelease system

The problem: imagine what happens if a tool falls into an inaccessible place during repair or overhaul work.

The consequences: arduous, costly search and recovery, possibly involving disassembly of an aeroengine or machine.

The solution: the safety lock built into the QuickRelease system prevents damage to workpieces and guarantees secure, rapid connection of all individual components to form a single combined unit. Nothing can get lost because it is not possible to inadvertently release a tool. To release a tool, it is first necessary to press the release button deliberately. Even if you have oily or greasy hands, attaching and separating the individual components is so simple it noticeably smoothes your workflows.



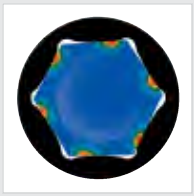
Safety advantage 2
STAHLWILLE AS-Drive

The problem: removing heavily corroded screws requires the application of considerable force. The socket slips off the head of the screw.

The consequences: uncontrolled movements cause injuries and damage to both the workpiece and the tools.

The solution: STAHLWILLE sockets are equipped with the AS-Drive* profile. This permits high transmission of forces to the lands of nuts and bolts without damaging them. The risk of injury is minimised and the corners of the screw heads and nuts are no longer damaged.

*AS-Drive = Anti-Slip-Drive



Safety advantage 3
STAHLWILLE HPQ®-inserts

The problem: although there is hardly enough room to move, you still have to apply considerable torque to loosen a stubborn screw.

The consequences: many of the sockets available are useless simply because their wall thickness makes them impracticable in awkward places.

The solution: STAHLWILLE HPQ®*-sockets are manufactured from selected tough steel alloys. These sockets will not slip off the head of the screw, nor will they stretch when subjected to heavy loads. Their extremely thin walls and unbelievably high load capacity are simply exemplary. HPQ®-sockets are free of cadmium and are therefore suitable for use on titanium alloy parts and titanium fasteners as used e.g. in the aerospace industry, where safety is a crucial factor. They meet these aerospace standards: E DIN EN 3709, E DIN EN 3710, SAE AS 954-E, S.B.A.C. AS 40605/40606, MS-33787, MIL-W-8982.

* = High Performance Quality

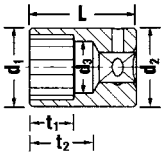
Some sets of STAHLWILLE socket spanners are supplied in sturdy plastic cases.

1/4" Drive Sockets and Tools

40D Sockets

AS-drive HPQ

metric sizes: DIN 3124/ISO 2725-1, E DIN EN 3709, ASME B 107.5M, American sizes: ASME B 107.1, Fed. Spec. GGG-W-641,
SAE AS 954-E (test loads), HPQ high performance steel, chrome plated.

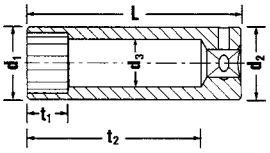


SW Code	Item Code	mm	d1 mm	d2 mm	d3 mm	L mm	t1 mm	t2 mm	g	
01 03 00 05	706784	5	7.9	10.7	4	23	4.5	15	9	10
01 03 00 55	706785	5.5	8.5	10.7	4.5	23	6	15	9	10
01 03 00 06	706786	6	9.2	10.7	5	23	6	15	9	10
01 03 00 07	706787	7	10.7	10.7	6	23	6.5	13.4	10	10
01 03 00 08	706788^	8	11.6	11.6	7	23	8	13.1	11	10
01 03 00 09	706789	9	12.8	12.8	8	23	8	12.8	13	10
01 03 00 10	706779	10	14.3	14.3	9	23	8	14.9	17	10
01 03 00 11	706780	11	15.5	15.5	10	23	9	14.6	19	10
01 03 00 12	706781	12	16.5	16.5	11	23	9.5	14.3	23	10
01 03 00 13	706782	13	17.8	17.8	12	23	9.5	14	25	10
01 03 00 14	706783	14	18.8	18.8	13	24	10	14.7	32	10

40DL Sockets

AS-drive HPQ

extra deep, metric sizes: E DIN EN 3710, E DIN EN 3709,
DIN 3124/ISO 2725-1, ASME B 107.5M
American sizes: ASME B 107.1, Fed. Spec. GGG-W-641, SAE AS 954-E,
HPQ high performance steel, chrome plated.



SW Code	Item Code	mm	d1 mm	d2 mm	d3 mm	L mm	t1 mm	t2 mm	g	
01 24 00 05	706797^	5	7.9	10.7	4	50	4.5	42	18	5
01 24 00 55	706798^	5.5	8.5	10.7	4.5	50	6	42	16	5
01 24 00 06	706799^	6	9.2	10.7	5	50	6	42	18	5
01 24 00 07	706800^	7	10.7	10.7	6	50	6.5	40.9	21	5
01 24 00 08	706801^	8	11.6	11.6	7	50	8	40.1	23	5
01 24 00 09	706802^	9	12.8	12.8	8	50	8	39.8	30	5
01 24 00 10	706790^	10	14.3	14.3	9	50	9	41.9	35	5
01 24 00 11	706791^	11	15.5	15.5	10	50	10.5	41.6	40	5
01 24 00 12	706792^	12	16.5	16.5	11	50	12	41.3	47	5
01 24 00 13	706793^	13	17.8	17.8	12	50	12	41	50	5
01 24 00 14	706794^	14	18.8	18.8	13	50	15	40.7	57	5

40aD Sockets

SW Code	Item Code	"	d1 mm	d2 mm	d3 mm	L mm	t1 mm	t2 mm	g	
01 53 00 10	706757^	5/32	6.7	10.7	3.2	23	3.5	15	9	10
01 53 00 12	706754	3/16	7.6	10.7	4	23	4.5	15	9	10
01 53 00 14	706759	7/32	8.6	10.7	5	23	6	15	9	10
01 53 00 16	706752	1/4	9.4	10.7	5.5	23	6	15	9	10
01 53 00 18	706761	9/32	10.7	10.7	6.6	23	6.5	13.2	10	10
01 53 00 20	706756	5/16	11.6	11.6	7	23	8	13.1	11	10
01 53 00 22	706753	11/32	12.7	12.7	8.1	23	8	13.3	13	10
01 53 00 24	706755	3/8	13.7	13.7	8.3	23	8	13.3	16	10
01 53 00 28	706758	7/16	15.8	15.8	10	23	9	14.6	21	10
01 53 00 32	706751	1/2	17.3	17.3	11.5	23	9.5	14.1	27	10
01 53 00 34	706760	9/16	18.8	18.8	13.1	24	10	14.7	31	10

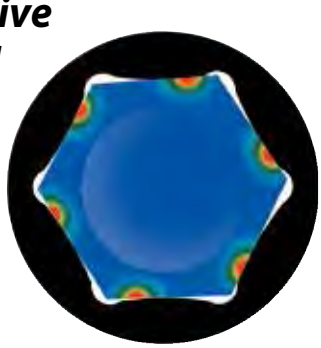
40aDL Sockets

SW Code	Item Code	"	d1 mm	d2 mm	d3 mm	L mm	t1 mm	t2 mm	g	
01 64 00 10	706768^	5/32	6.7	10.7	3.2	50	4.5	42	13	5
01 64 00 12	706765^	3/16	7.6	10.7	4	50	4.5	42	15	5
01 64 00 14	706770	7/32	8.6	10.7	5	50	6	42	16	5
01 64 00 16	706763	1/4	9.4	10.7	5.2	50	6	42	19	5
01 64 00 18	706772	9/32	10.7	10.7	6.5	50	8	40.2	20	5
01 64 00 20	706767	5/16	11.6	11.6	7	50	8	40.1	24	5
01 64 00 22	706764^	11/32	12.7	12.7	8.1	50	9	39.7	26	5
01 64 00 24	706766	3/8	13.7	13.7	8.3	50	9	39.7	33	5
01 64 00 28	706769	7/16	15.8	15.8	10	50	10.5	41.6	42	5
01 64 00 32	706762	1/2	17.3	17.3	11.5	50	12	41.1	44	5
01 64 00 34	706771	9/16	18.8	18.8	13.1	50	15	40.7	62	5

STAHLWILLE AS-Drive

STAHLWILLE sockets are equipped with the AS Drive profile: this permits high transmission of forces to the lands of nuts and bolts without damaging them. No longer will you have to worry about stripping the corners off nuts and bolts.*

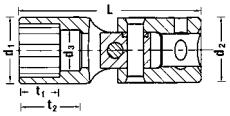
**Anti-Slip Drive*



402 UNIFLEX sockets

AS-drive HPQ

American sizes: SAE AS 954, ASME B 107.1, Available upon request.
HPQ high performance steel, chrome plated.



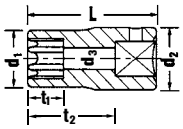
SW Code	Item Code	mm	d1 mm	d2 mm	d3 mm	L mm	t1 mm	t2 mm	g	
01 14 00 06	706870^	6	9.2	12.7	5	32	5.5	10	16	5
01 14 00 07	706871^	7	10.4	12.7	6	33.5	6	11.5	16	5
01 14 00 08	706872^	8	11.6	12.7	6.7	35	8	13	17	5
01 14 00 09	706873^	9	13	12.7	8	36	8	12	20	5
01 14 00 10	706869^	10	14.2	12.7	9	38	12	14	38	5

1/4" Drive Sockets and Tools

40TX Sockets

HPQ

for external TORX® screws, HPQ high performance steel, chrome plated.



SW Code	Item Code	Size	mm	d_1 mm	d_2 mm	d_3 mm	L mm	t_1 mm	t_2 mm	g	
01 27 00 04	**706821**	**E4**	**3.8**	5.6	10.7	2	23	4.5	15	8	10
01 27 00 05	**706822**	**E5**	**4.7**	6.7	10.7	2.8	23	5	15	7	10
01 27 00 06	**706823**	**E6**	**5.7**	8	10.7	3.6	23	5.5	15	10	10
01 27 00 07	**706824**	**E7**	**6.2**	9.6	10.7	3.8	23	6.5	15	10	10
01 27 00 08	**706825**	**E8**	**7.5**	10.5	11.6	4.3	23	7	15	10	10
01 27 00 10	**706820**	**E10**	**9.4**	12.7	12.7	5.6	23	9	15	17	10

Application: size E6 for setting the endstop on front side windows of the Audi 100 from model year 91 on and Golf Cabriolet from model year 93 on

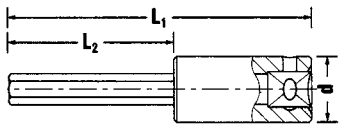
STAHLWILLE's HPQ inserts

STAHLWILLE HPQ sockets are manufactured from selected tough steel alloys. The result: they are extremely durable. HPQ sockets are free of cadmium and are therefore suitable for use on titanium alloy parts and titanium fasteners as used e.g. in the aerospace industry, where safety is a crucial factor.*

**High Performance Quality*

44 INHEX sockets

for socket head screws, DIN 7422,
Chrome Alloy Steel, chrome plated.



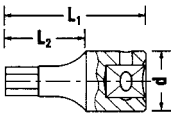
SW Code	Item Code	mm	L_1 mm	L_2 mm	d mm	g	
01 05 00 03	**707193**	**3**	55	30	10.7	14	5
01 05 00 04	**707194**	**4**	55	30	10.7	16	5
01 05 00 05	**707195^**	**5**	55	30	10.7	20	5
01 05 00 06	**707196**	**6**	55	30	11.6	26	5

44a INHEX sockets

SW Code	Item Code	"	L_1 mm	L_2 mm	d mm	g	
01 45 00 04	**707197^**	**1/16**	55	30	10.7	11	5
01 45 00 05	**707203^**	**5/64**	55	30	10.7	12	5
01 45 00 06	**707201^**	**3/32**	55	30	10.7	14	5
01 45 00 07	**707205**	**7/64**	55	30	10.7	17	5
01 45 00 08	**707199**	**1/8**	55	30	10.7	12	5
01 45 00 09	**707206**	**9/64**	55	30	10.7	13	5
01 45 00 10	**707202^**	**5/32**	55	30	10.7	14	5
01 45 00 12	**707200**	**3/16**	55	30	10.7	17	5
01 45 00 14	**707204**	**7/32**	55	30	10.7	19	5
01 45 00 16	**707198**	**1/4**	55	30	11.6	24	5

44K INHEX sockets

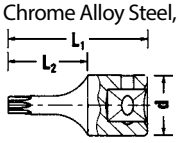
for socket head screws,
Chrome Alloy Steel, chrome plated.



SW Code	Item Code	mm	L_1 mm	L_2 mm	d mm	g	
01 12 00 03	**707207^**	**3**	28	16	11.6	10	5
01 12 00 04	**707208**	**4**	28	16	11.6	10	5
01 12 00 05	**707209**	**5**	28	16	11.6	10	5
01 12 00 06	**707210^**	**6**	28	16	11.6	10	5
01 12 00 08	**707211^**	**8**	28	16	11.6	15	5

44KTX Screwdriver sockets

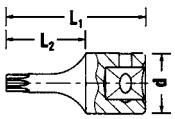
for inside TORX® screws,
Chrome Alloy Steel, chrome plated.



SW Code	Item Code	Size	mm	L_1 mm	L_2 mm	d mm	g	
01 35 00 08	**707226**	**T8**	**2.3**	28	16	11.6	10	5
01 35 00 09	**707227**	**T9**	**2.5**	28	16	11.6	10	5
01 35 00 10	**707219**	**T10**	**2.7**	28	16	11.6	10	5
01 35 00 15	**707220**	**T15**	**3.3**	28	16	11.6	10	5
01 35 00 20	**707221**	**T20**	**3.8**	28	16	11.6	11	5
01 35 00 25	**707222**	**T25**	**4.4**	28	16	11.6	11	5
01 35 00 27	**707223**	**T27**	**5.0**	28	16	11.6	11	5
01 35 00 30	**707224**	**T30**	**5.5**	28	16	11.6	11	5
01 35 00 40	**707225**	**T40**	**6.6**	28	16	11.6	12	5

44KTXB Screwdriver sockets

with hollow point, for inside TORX® screws
(TORX® TAMPER RESISTANT),
Chrome Alloy Steel, chrome plated.

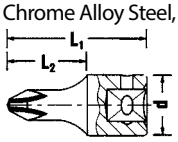


SW Code	Item Code	Size	mm	L_1 mm	L_2 mm	d mm	g	
01 35 10 08	**707317^**	**T8**	**2.3**	28	16	11.6	10	5
01 35 10 09	**709642^**	**T9**	**2.5**	28	16	11.6	10	5
01 35 10 10	**707212^**	**T10**	**2.7**	28	16	11.6	10	5
01 35 10 15	**707213^**	**T15**	**3.3**	28	16	11.6	10	5
01 35 10 20	**707214^**	**T20**	**3.8**	28	16	11.6	10	5
01 35 10 25	**707215^**	**T25**	**4.4**	28	16	11.6	11	5
01 35 10 27	**707216^**	**T27**	**5.0**	28	16	11.6	11	5
01 35 10 30	**707217^**	**T30**	**5.5**	28	16	11.6	11	5
01 35 10 40	**707218^**	**T40**	**6.6**	28	16	11.6	12	5

1/4" Drive Sockets and Tools

44P ⊕ Screwdriver sockets

for recessed head screws Phillips-Recess®, tips to DIN 5260, Chrome Alloy Steel, chrome plated.



SW Code	Item Code	PH Size	L_1 mm	L_2 mm	d mm	g	
01 29 00 01	**707228^**	**1**	28	16	11.6	10	5
01 29 00 02	**707229^**	**2**	28	16	11.6	11	5
01 29 00 03	**707230^**	**3**	28	16	11.6	12	5
01 29 00 04	**707231^**	**4**	28	16	11.6	14	5

QR The QuickRelease system

Ratchets, handles, extensions, universal joints with safety locks.

Secure, rapid connection between the individual components to form a single combined unit.

Can only be separated by releasing the locking mechanism.

Variable combinations of components possible.

40CL Clip strips

for socket retention, with 9 or 10 retaining clips. Supplied without sockets.

SW Code	Item Code	Size	L mm	g	
80 40 00 01	**706777^**	**1**	200	36	5
80 40 00 02	**706778^**	**2**	300	52	5

415SG-QR Ratchet

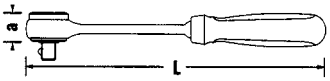
QR

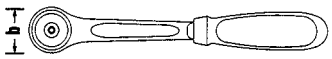
reversible (22 teeth), with QuickRelease safety lock and steel handle, DIN 3122/ISO 3315.

SW Code	Item Code	L mm	b mm	a mm	g	
11 11 00 30	**706993**	**117**	22	12.5	90	1

Drive tools and accessories

1/4" □, finish: Chrome Alloy Steel, chrome plated.





415 Ratchet

reversible (22 teeth), with 2-component handle DIN 3122/ISO 3315.

SW Code	Item Code	L mm	b mm	a mm	g	
11 11 10 10	**706977**	**117**	22	12.5	80	5

416 Flexible joint ratchet

reversible (60 teeth), handle may be raised or lowered by approx. 90°. Lockable in following positions: straight, 30° up, 60° up, 30° down. Unlocked by depressing button in handle, registered design.

SW Code	Item Code	L mm	b mm	a mm	g	
11 26 00 01	**706995^**	**170**	25	19.5	237.	1

415QR QuickRelease ratchet

QR

reversible (22 teeth), with QuickRelease safety lock and 2-component handle, DIN 3122/ISO 3315.

SW Code	Item Code	L mm	b mm	a mm	g	
11 11 00 20	**706990**	**117**	22	12.5	79	1

Spare parts for ratchets No-415, 415SK, 415SG

4150 Spare parts set

Content:
1 Pinion
1 Pawl
1 Lever with pin
1 Ball
2 Compression Springs
2 Screws M 1.7 x 8
1 Cover plate

SW Code	Item Code	g	
19 01 00 00	**706981**	26	1

1/4" Drive Sockets and Tools

Spare parts for ratchets No-415QR, 415SG-QR

4150 QR Spare parts set

Content:
1 Pinion
1 Pawl
2 Levers with pin
1 Ball
2 Compression Springs
2 Screws M 1.7 x 8
1 Cover plate

SW Code	Item Code	g	
19 01 10 20	**706986**	19	1

400N Drive handle

DIN 3122/ISO 3315.

SW Code	Item Code	L mm	g	
11 05 00 10	**706868**	150	70	5

400QR QuickRelease drive handle

DIN 3122/ISO 3315,
with QuickRelease safety lock, patent

SW Code	Item Code	L mm	g	
11 05 10 10	**706842^**	150	80	1

403N Flexible handle

DIN 3122/ISO 3315.
with 2-component handle.

SW Code	Item Code	L mm	g	
11 06 10 10	**706901^**	154.5	70	1

404 Sliding T-handle

DIN 3122/ISO 3315.

SW Code	Item Code	L mm	g	
11 07 00 00	**706902**	116	38	5

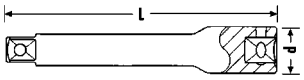
413 Speeder brace

with steel handle, for greater axial power transmission, detachable palm head, working radius 70-mm.

SW Code	Item Code	L mm	g	
11 10 00 01	**706973**	440	352	1

405 Extensions

DIN 3123/ISO 3316.



SW Code	Item Code	Size	L mm	d mm	g	
11 01 00 01	**706915**	**2**	54	11.6	29	5
11 01 00 06	**706918**	**4**	100	11.6	46	5
11 01 00 02	**706920**	**6**	150	11.6	65	5
11 01 00 10	**706910**	**10**	254	11.6	115	1
11 01 00 14	**706912**	**14**	356	11.6	155	1

Extensions with wobble-drive

swivel angle 8°
each side,
max. torque 40 N m.

SW Code	Item Code	No.	L mm	d mm	g	
11 01 00 11	**706917**	**405/2W**	54	11.6	28	1
11 01 00 16	**706919**	**405/4W**	100	11.6	45	1
11 01 00 12	**706922**	**405/6W**	150	11.6	55	1
11 01 00 20	**706911**	**405/10W**	254	11.6	110	1
11 01 00 24	**706914**	**405/14W**	356	11.6	155	1

QuickRelease extensions

patent, DIN 3123/ISO 3316.

SW Code	Item Code	No.	L mm	d mm	g	
11 01 10 01	**706916^**	**405/2QR**	54	11.6	28	1
11 01 10 02	**706921^**	**405/6QR**	150	11.6	65	1

406 Extension, flexible

(right hand rotation only)
maximum torque 5 N m.

SW Code	Item Code	L mm	d mm	g	
11 04 00 00	**706930**	152	11.6	61	5

407 Universal joint

DIN 3123/ISO 3316.

SW Code	Item Code	L mm	d mm	g	
11 02 00 00	**706932**	37	12.8	23	5

1/4" Drive Sockets and Tools

409 Adaptor

HPQ

1/4" socket x 3/8" plug
(6.3 X 10mm),
DIN 3123/ISO 3316,
HPQ® high performance steel.

SW Code	Item Code	L mm	d mm	g	
11 03 00 02	**706934**	25	12.8	18	5

410 Adaptor

HPQ

1/4" socket x 1/2" plug
(6.3 x 12.5mm),
HPQ® high performance steel.

SW Code	Item Code	L mm	d mm	g	
11 03 00 03	**706966**	28	16.5	36	5

412 Bit holder

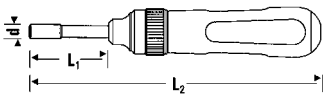
HPQ

○ 1/4" inside hexagon,
DIN 3126/ISO 1173 form D 6.3.
Internal hex drive with a collar-thrust spring. Bits are easy to insert, lock securely in position and can be removed just as easily; even hex bits with a wide groove (Type E, DIN 3126/ISO 1173).
HPQ® high performance steel

SW Code	Item Code	L mm	d mm	g	
11 18 00 10	**706972^**	25	11.6	15	5

4008 Ratcheting bit holder

Positions selectable are clockwise/counterclockwise/fixed with fixed blade.
Inner hex. with magnet, for 1/4" screwdriver bits with outside hexagon 1/4" DIN 3126/ISO 1173 C 6.3.
The square drive extension No-3115/1 can be used to adapt 1/4" socket inserts (outer hex. to 1/4" outer square).
The ratcheting bit holder is fitted with a quick-twist knurled socket to allow the user to tighten or untighten loosely by hand. Socket mountings are toothed, heavy-duty and angled at 30° . Ergonomically shaped handle with 1/4" inner square drive, for use with cross-handle, extension bar etc.



SW Code	Item Code	inside ○	"	L_1 mm	L_2 mm	d mm	g	
18 12 00 00	**706866^**	D 6.3	1/4	56	206.5	10	185	8

inside ○ DIN 3126/ISO 1173

415SGH Ratchet for Hi-Lok bolts

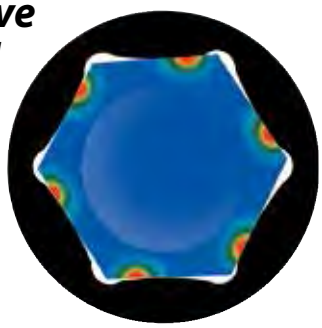
reversible, patented,
axially drilled pinion,
locking facility for sockets.
For use on Hi-Lok bolts
in the aerospace industry
(22 teeth)

SW Code	Item Code	L mm	b mm	a mm	g	
11 11 00 02	**706979^**	117	22	12.5	90	5

STAHLWILLE AS-Drive

STAHLWILLE sockets are equipped with the AS Drive profile: this permits high transmission of forces to the lands of nuts and bolts without damaging them. No longer will you have to worry about stripping the corners off nuts and bolts.*

**Anti-Slip Drive*



40D/9/4 Socket set 1/4" ☐

In sturdy sheet steel case
13 pieces
Content:
9 sockets with bi-hexagon No 40D:
sizes 4; 5; 5.5; 6; 7; 8; 10; 11; 13 mm
1 ratchet No 415
2 extensions No 405/2 (54 mm),
No 405/6 (150 mm)
1 universal joint No 407

SW Code	Item Code	g
96 01 03 04	**706956^**	852

40ma/25/8 Socket set 1/4" ☐

In sturdy sheet steel case,
33 pieces
Content:
25 sockets with hexagon
No-40: sizes 3.2; 3.5; 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14-mm
No-40a: sizes 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"
1 ratchet No-415
2 extensions
No-405/2 (54-mm),
No-405/6 (150-mm)
1 extension, flexible
No-406 (152-mm)
1 universal joint No-407
1 drive handle No-400
1 flexible handle No-403
1 T-handle No-404

SW Code	Item Code	g
96 01 01 62	**706958^**	2050

SW40D/40AD/18/5TCS Socket set 1/4" ☐

QR

In plastic case with TCS foam, all 12pt sockets
23 pieces
Content:
No-40: sizes 5, 6, 7, 8, 9, 10, 11, 12, 13mm Sockets
No-40a: sizes 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2" Sockets
Plus:
1 ratchet 415qr
2 extensions 405/2qr (52-mm), 405/6qr (150-mm)
1 universal joint 407qr
1 drive handle 400qr

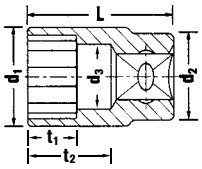
SW Code	Item Code
91 22 82 14	**706955**

3/8" Drive Sockets and Tools

45 Sockets

AS-drive HPQ

metric sizes: DIN 3124/ISO 2725-1, ASME B 107.5M, E DIN EN 3709,
American sizes: ASME B 107.1, Fed. Spec. GGG-W-641,
SAE AS 954-E (test loads),
HPQ® high performance steel, chrome plated.



SW Code	Item Code	mm	d1 mm	d2 mm	d3 mm	L mm	t1 mm	t2 mm	g	
02 01 00 07	707334	7	10.5	16.5	6	24	6	12.5	19	10
02 01 00 08	707335	8	11.7	16.5	7	25	7	13.5	19	10
02 01 00 09	707336	9	13	16.5	8	25	7	13.5	19	10
02 01 00 10	707320	10	14.3	16.5	9	27	8.5	15.5	20	10
02 01 00 11	707321	11	15.6	16.5	10	27	8.5	13.7	21	10
02 01 00 12	707322	12	16.9	17.5	11	28	9.5	14.4	24	10
02 01 00 13	707323	13	18	17.5	12	30	11.5	16.1	25	10
02 01 00 14	707324	14	19.4	17.5	13	30	11.5	15.8	28	10
02 01 00 15	707325	15	20.6	19	14	31	12.5	19.2	40	10
02 01 00 16	707326	16	21.7	19	15	31	13.5	18.9	33	10
02 01 00 17	707327	17	23	19	16	31	12.5	18.6	44	10
02 01 00 18	707328	18	24.2	19	17	32	13.5	19.3	39	5
02 01 00 19	707329	19	25.2	19	18	32	13.5	19	39	5
02 01 00 20	707330	20	26.2	20	19	34	15.5	20.7	51	5
02 01 00 21	707331	21	27.7	21	20	34	15.5	20.5	53	5
02 01 00 22	707332	22	28.7	21	21	35	17	21.2	61	5
02 01 00 24	707333^	24	31.5	24	21	35	18	21.2	92	5

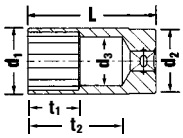
45a Sockets

SW Code	Item Code	"	d1 mm	d2 mm	d3 mm	L mm	t1 mm	t2 mm	g	
02 41 00 16	707339	1/4	9.7	16.5	5.2	24	6	12.5	18	10
02 41 00 20	707347	5/16	11.7	16.5	7	25	7	13.5	19	10
02 41 00 22	707341	11/32	12.5	16.5	8.1	25	7	13.5	19	10
02 41 00 24	707346	3/8	13.7	16.5	8.4	27	8.5	15.5	20	10
02 41 00 28	707349	7/16	15.7	16.5	10	28	9.5	15.1	20	10
02 41 00 32	707338	1/2	18	17.5	11.5	30	11.5	16.5	24	10
02 41 00 34	707351	9/16	20.2	19	13.1	31	12.7	16.8	28	10
02 41 00 35	707344^	19/32	20.6	19	14	31	13	19.2	36	5
02 41 00 36	707348	5/8	21.7	19	15	31	13.5	18.9	31	5
02 41 00 38	707340	11/16	23.4	19	16.3	32	14.7	19.5	34	5
02 41 00 40	707345	3/4	25.2	19	18	32	15.9	19	41	5
02 41 00 42	707342	13/16	27.2	20.5	19.4	34	16.5	20.5	52	5
02 41 00 44	707350	7/8	28.7	22	21	35	18	21	59	5
02 41 00 46	707343	15/16	31.5	24	22.6	35	18.5	20.7	95	5
02 41 00 48	707337	1	33	25.5	24.2	35	18.5	20.2	97	5

460a Sockets

AS-drive HPQ

SAE AS 954-E, S.B.A.C. AS 40610/40611, ASME B 107.1,
HPQ® high performance steel, chrome plated.

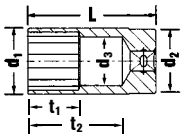


SW Code	Item Code	"	d1 mm	d2 mm	d3 mm	L mm	t1 mm	t2 mm	g	
02 62 00 16	707465^	1/4	9.9	16.5	5.2	32	7	20.5	21	5
02 62 00 20	707467^	5/16	11.5	16.5	7	32	8.5	20.5	22	5
02 62 00 24	707466^	3/8	13.7	16.5	8.5	38	9	26.5	29	5
02 62 00 28	707468^	7/16	15.7	16.5	10	38	11	24.5	33	5
02 62 00 32	707464^	1/2	17.5	17.8	11.5	44	12	30	44	5

46 Sockets

AS-drive HPQ

extra deep, metric sizes: DIN 3124/ISO 2725-1, E DIN EN 3710,
E DIN EN 3709, ASME B 107.5M,
American sizes: ASME B 107.1, Fed. Spec. GGG-W-641, SAE AS 954-E,
HPQ® high performance steel, chrome plated.



SW Code	Item Code	mm/"	d1 mm	d2 mm	d3 mm	L mm	t1 mm	t2 mm	g	
02 02 00 08	707449^	8	11.7	16.5	7	54	9	42.5	36	10
02 02 00 10	707436	10	14.3	16.5	9	54	20	42.5	41	10
02 02 00 11	707437	11	15.6	16.5	10	54	20	40.7	51	10
02 02 00 12	707438	12	16.9	17.5	11	54	20	40.4	57	10
02 02 00 13	707439	13	18	17.5	12	54	20	40.1	61	10
02 02 00 14	707440	14	19.4	17.5	13	60	25	45.8	75	10
02 02 00 15	707441	15	20.6	19	14	60	25	48.2	85	10
02 02 00 16	707442	16	21.7	19.5	15	60	25	47.9	81	10
02 02 00 17	707443	17	23	21	16	65	30	52.6	97	10
02 02 00 18	707444	18	24.2	22	17	65	30	52.3	112	10
02 02 00 19	707445	19	25.2	23	18	65	30	52	134	10
02 02 02 08	707446	20.8–13/16 [1]	27.2	25	-	65	18	-	151	10
02 02 00 21	707447	21	27.7	25.5	20	65	30	51.5	137	5
02 02 00 22	707448	22	28.7	26.5	21	65	30	51.2	178	5

[1]) with rubber insert for spark plugs

46a Sockets

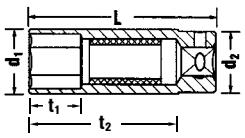
SW Code	Item Code	"	d1 mm	d2 mm	d3 mm	L mm	t1 mm	t2 mm	g	
02 42 00 16	707452^	1/4	9.7	16.5	5.2	54	9	42.5	33	5
02 42 00 20	707459	5/16	11.7	16.5	7	54	9	42.5	35	5
02 42 00 24	707458^	3/8	13.7	16.5	8.4	54	20	42.5	45	5
02 42 00 28	707461	7/16	15.7	16.5	10	54	20	40.7	53	5
02 42 00 32	707451	1/2	18	17.5	11.5	54	20	40.2	64	5
02 42 00 34	707463	9/16	20.2	19	13.1	60	25	45.8	66	5
02 42 00 35	707456^	19/32	20.6	19	14	60	25	48.2	84	5
02 42 00 36	707460	5/8	21.7	19.5	15	60	25	47.9	81	5
02 42 00 38	707453	11/16	23.4	21.5	16.3	65	30	52.5	114	5
02 42 00 40	707457	3/4	25.2	23	18	65	30	52	137	5
02 42 00 42	707454^	13/16	27.2	25	19.4	65	30	51.6	130	5
02 42 00 44	707462	7/8	28.7	26.5	21	65	30	51.2	184	5
02 42 00 46	707455	15/16	31.5	29	22.6	65	30	50.7	195	5
02 42 00 48	707450	1	33	31	24.2	65	30	50.2	205	5

3/8" Drive Sockets and Tools

4606 Spark plug socket

AS-drive HPQ

extra deep, with rubber insert,
HPQ® high performance steel, chrome plated.



SW Code	Item Code	mm/"	d_1 mm	d_2 mm	L mm	t_1 mm	t_2 mm	g	
02 13 00 18	707470^	18 - 11/16	24.2	22	65	18	52.8	132	10

Assembly of spark plugs on motorcycles, mopeds

45TX/7 Set: Sockets

HPQ

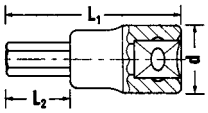
for external TORX® screws.
Content:
E5; E6; E7; E8; E10; E12; E14

SW Code	Item Code	g	
96 02 27 02	707435	219	1

in carton packing

49 INHEX sockets

for socket head screws, DIN 7422,
Chrome Alloy Steel, chrome plated.



SW Code	Item Code	mm	L_1 mm	L_2 mm	d mm	g	
02 05 00 03	707761	3	52	20	17.8	38	5
02 05 00 04	707762	4	52	20	17.8	40	5
02 05 00 05	707763	5	52	20	17.8	44	5
02 05 00 06	707764	6	52	20	17.8	46	5
02 05 00 07	707765	7	52	20	17.8	51	5
02 05 00 08	707766	8	52	20	17.8	55	5
02 05 00 10	707760	10	52	20	17.8	62	5

49a INHEX sockets

SW Code	Item Code	"	L_1 mm	L_2 mm	d mm	g	
02 45 00 08	707768	1/8	52	20	17.8	40	5
02 45 00 09	707774^	9/64	52	20	17.8	40	5
02 45 00 10	707772	5/32	52	20	17.8	40	5
02 45 00 12	707769	3/16	52	20	17.8	44	5
02 45 00 14	707773	7/32	52	20	17.8	46	5
02 45 00 16	707767	1/4	52	20	17.8	48	5
02 45 00 20	707771	5/16	52	20	17.8	55	5
02 45 00 24	707770	3/8	52	20	17.8	61	5

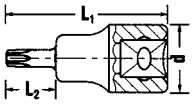
2049 INHEX sockets

for socket head screws,
extra long, DIN 7422,
Chrome Alloy Steel, chrome plated.

SW Code	Item Code	mm	L_1 mm	L_2 mm	d mm	g	
02 15 10 04	706392	4	100	68	17.8	45	5
02 15 10 05	706393	5	100	68	17.8	50	5
02 15 10 06	706394	6	100	68	17.8	57	5
02 15 12 08	706395^	8	120	88	17.8	85	5
02 15 12 10	706391	10	120	88	17.8	106	5

49TX Screwdriver sockets

for inside TORX® screws,
Chrome Alloy Steel, chrome plated.



SW Code	Item Code	Size	mm	L_1 mm	L_2 mm	d mm	g	
02 10 00 09	707784	T9	2.5	49	17	17.8	45	5
02 10 00 10	707776	T10	2.7	49	17	17.8	45	5
02 10 00 15	707777	T15	3.3	49	17	17.8	45	5
02 10 00 20	707778	T20	3.8	49	17	17.8	46	5
02 10 00 25	707779	T25	4.4	49	17	17.8	46	5
02 10 00 27	707780	T27	5	49	17	17.8	46	5
02 10 00 30	707781	T30	5.5	49	17	17.8	47	5
02 10 00 40	707782	T40	6.6	49	17	17.8	48	5
02 10 00 45	707783	T45	7.8	49	17	17.8	49	5

49TX/8 Set: Screwdriver sockets

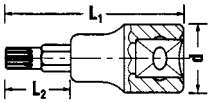
for inside TORX® screws.
Content: T9; T10; T15; T20; T25; T27; T30; T40

SW Code	Item Code	g	
96 02 10 01	707775	456	1

in carton packing

49X Screwdriver sockets

for tri-square socket head screws (XZN®), DIN 2324,
Chrome Alloy Steel, chrome plated.



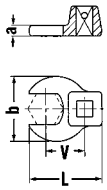
SW Code	Item Code	Size	L_1 mm	L_2 mm	d mm	g	
02 06 00 05	707786	M5	52	20	17.8	45	5
02 06 00 06	707787	M6	52	20	17.8	47	5
02 06 00 08	707788	M8	52	20	17.8	56	5
02 06 00 10	707785	M10	52	20	17.8	63	5

^ = non stocked line

3/8" Drive Sockets and Tools

540 CROW-FOOT spanners

Caution! Modified settings on torque wrench (refer to note on page 196), Chrome Alloy Steel, chrome plated.



SW Code	Item Code	mm	"	L mm	b mm	a mm	V mm	g	
01 20 00 08	708198^	8	1/4	25.5	19.8	6.3	14.8	21	1
01 20 00 09	708199^	9	1/4	25.5	19.8	6.3	14.6	21	1
01 20 00 10	708170^	10	1/4	25.5	19.8	6.3	14.6	20	1
02 20 00 11	708171^	11	3/8	32	22.2	6.3	17.4	36	1
02 20 00 12	708172^	12	3/8	34.3	25.4	6.3	18.2	37	1
02 20 00 13	708173^	13	3/8	34.3	25.4	6.3	17.8	36	1
02 20 00 14	708174^	14	3/8	37.7	30	6.3	20.8	46	1
02 20 00 15	708175^	15	3/8	37.7	30	6.3	20.4	45	1
02 20 00 16	708176^	16	3/8	37.7	30	6.3	19.9	45	1
02 20 00 17	708177^	17	3/8	42.5	38	6.3	23.8	62	1
02 20 00 18	708178^	18	3/8	42.5	38	6.3	22.9	61	1
02 20 00 19	708179^	19	3/8	42.5	38	6.3	22.5	64	1
02 20 00 20	708180^	20	3/8	42.5	38	6.3	25	55	1
02 20 00 21	708181^	21	3/8	44.5	41	6.3	23.6	59	1
02 20 00 22	708182^	22	3/8	44.5	41	6.3	24.2	64	1
02 20 00 23	708183^	23	3/8	44.5	41	6.3	25.6	63	1
02 20 00 24	708184^	24	3/8	44.5	41	6.3	26.2	60	1
02 20 00 25	708185^	25	3/8	47	45	8	26.4	75	1
02 20 00 26	708186^	26	3/8	47	45	8	27.6	80	1
02 20 00 27	708187^	27	3/8	47	45	8	27.6	76	1
02 20 00 28	708188^	28	3/8	50	50	8	29.3	78	1
02 20 00 30	708189^	30	3/8	50	50	8	29.3	84	1
02 20 00 32	708190	32	3/8	53	57	8	30.5	95	1
02 20 00 34	708191^	34	3/8	54.5	60	8	31.6	107	1
02 20 00 36	708192	36	3/8	56.5	62	8	32.8	100	1
02 20 00 40	708193^	40	3/8	63	70	8	37.6	130	1
02 20 00 41	708194^	41	3/8	63	70	8	37.2	130	1
02 20 00 42	708195^	42	3/8	63	70	8	37.8	125	1
02 20 00 46	708196^	46	3/8	72	82	8	43.1	191	1
02 20 00 50	708197^	50	3/8	75	88	8	45.4	217	1

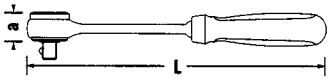
45CL Clip strips

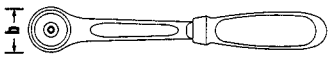
for socket retention,
with 9 or 10 retaining clips.
Supplied without sockets.

SW Code	Item Code	Size	L mm	g	
80 45 00 01	707352	1	200	40	5
80 45 00 02	707353^	2	300	58	5

Drive tools and accessories

3/8" □, finish: Chrome Alloy Steel, chrome plated.





422N Ratchet

fine tooth, reversible, 60 teeth,
with 2-component handle,
for use in confined spaces,
re-engages after movement of 6°,
DIN 3122/ISO 3315.

SW Code	Item Code	L mm	b mm	a mm	g	
12 23 10 11	707106^	194	32	24	236	1

435N Ratchet

reversible, 30 teeth,
with 2-component handle,
DIN 3122/ISO 3315.

SW Code	Item Code	L mm	b mm	a mm	g	
12 11 10 10	707189	193	29	17.9	245	5

435QR QuickRelease ratchet

QR

reversible, 30 teeth,
with QuickRelease safety lock and
2-component handle,
DIN 3122/ISO 3315.

SW Code	Item Code	L mm	b mm	a mm	g	
12 11 00 20	707190	193	29	17.9	244	1

QR The QuickRelease system

Ratchets, handles, extensions, universal joints with safety locks.

- *Secure, rapid connection between the individual components to form a single combined unit.*
- *Can only be separated by releasing the locking mechanism.*

Variable combinations of components possible.

STAHLWILLE

3/8" Drive Sockets and Tools

435SG-QR Ratchet

QR

reversible, 30 teeth,
with QuickRelease safety lock
and steel handle,
DIN 3122/ISO 3315.

SW Code	Item Code	L mm	b mm	a mm	g	
12 11 00 30	**707192^**	193	29	17.9	275	1

452 Flexible joint ratchet

reversible, 60 teeth, handle may be raised or lowered by approx. 90°. Lockable in following positions: straight, 30° up, 60° up, 30° down. Unlocked by depressing button in handle, registered design.

SW Code	Item Code	L mm	b mm	a mm	g	
12 26 00 01	**707393**	300	34	24	505	1

Spare parts for ratchets No-422, 452

7350/5 Spare parts set

Content:
1 Pinion
1 Pawl
1 Switching disk
1 Spring
3 Screws

SW Code	Item Code	g	
59 25 10 05	**709095**	85	1
for ratchets from 12/97			

Spare parts for ratchets No-435, 435SG, 438, 439

4350 Spare parts set

Content:
1 Pinion
1 Pawl
1 Lever with pin
1 Ball
2 Compression Springs
2 Screws

SW Code	Item Code	g	
19 02 00 00	**707179**	50	1
for ratchets from 1992			

Individual Spare Parts

SW Code	Item Code	
SW4350 D	**707180^**	Pinion only
SW4350 SCH	**707186^**	Screw only

Spare parts for ratchets No-435QR, 435SG-QR

4350 QR Spare parts set

QR

Content:
1 Pinion
1 Pawl
1 Lever with pin
1 Ball
2 Compression Springs
2 Screws

SW Code	Item Code	g	
19 02 00 20	**707183**	51	1

424 Flexible handle

DIN 3122/ISO 3315.
with 2-component handle

SW Code	Item Code	L mm	g	
12 06 10 10	**707107**	253.5	222	1

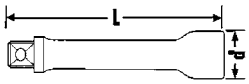
425 Sliding T-handle

DIN 3122/ISO 3315.

SW Code	Item Code	L mm	g	
12 07 00 00	**707108**	165	133	5

427 Extensions

DIN 3123/ISO 3316.



SW Code	Item Code	Size	L mm	d mm	g	
12 01 00 05	**707110**	**1.5**	38	17	36	5
12 01 00 01	**707114**	**3**	76	17	67	5
12 01 00 06	**707118**	**5**	125	17	104	5
12 01 00 02	**707120**	**6**	160	17	127	5
12 01 00 03	**707111**	**10**	240	17	188	5
12 01 00 04	**707113**	**18**	455	17	345	5

427QR QuickRelease extensions

QR

Patent, DIN 3123/ISO 3316.

SW Code	Item Code	Size	L mm	d mm	g	
12 01 10 01	**707116^**	**3**	76	17	66	1
12 01 10 02	**707122^**	**6**	160	17	127	1
12 01 10 03	**707112^**	**10**	240	17	185	1

^ = non stocked line

3/8" Drive Sockets and Tools

Extensions with wobble-drive

swivel angle 15°
each side,
max. torque 80 N m.

SW Code	Item Code	No.	L mm	d mm	g	
12 01 00 07	**707117**	427/3W	76	17	67	5
12 01 00 08	**707119**	427/5W	125	17	104	5
12 01 00 09	**707123**	427/6W	160	17	127	5

1225 Special extension

curved, for use on magnetic switch diesel pump.

SW Code	Item Code	L mm	d mm	g	
12 25 00 01	**705742**	150	17	128	5

428 Universal joint

DIN 3123/ISO 3316.

SW Code	Item Code	L mm	d mm	g	
12 02 00 00	**707124**	46	18.8	55	5

431 Adaptor

HPQ

3/8" socket x 1/4" plug
(10 x 6.3mm),
maximum torque 62 N m,
DIN 3123/ISO 3316,
HPQ® high performance steel

SW Code	Item Code	L mm	d mm	g	
12 03 00 01	**707127**	28	17.2	26	5

432 Adaptor

HPQ

3/8" socket x 1/2" plug
(10 x 12.5mm),
DIN 3123/ISO 3316,
HPQ® high performance steel

SW Code	Item Code	L mm	d mm	g	
12 03 00 03	**707129**	31	17.2	36	5

SW45/45A/21/4TCS Socket set 3/8"

QR

TC System

Metric and Imperial 3/8" Drive Socket Set with 12 point sockets and quick release accessories. 25 pieces In TCS foam, and plastic case
Content:
Metric: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
Imperial: 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"
Plus:
1 ratchet 435qr
2 extensions 427/3qr (76 mm), 427/6qr (160 mm)
1 universal joint 428qr

SW Code	Item Code
91 28 82 38	**707383**

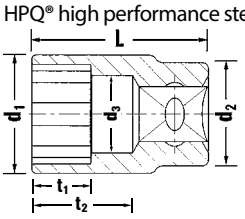
STAHLWILLE Motorsport

1/2" Drive Sockets and Tools

50 Sockets

AS-drive HPQ

metric sizes: DIN 3124/ISO 2725-1, E DIN EN 3709, ASME B 107.5 M,
American sizes: ASME B 107.1, Fed. Spec. GGG-W-641,
SAE AS 954-E (test loads),
HPQ® high performance steel, chrome plated.



SW Code	Item Code	mm	d1 mm	d2 mm	d3 mm	L mm	t1 mm	t2 mm	g	
03 01 00 08	707839	8	13	22	7	38	9	22	56	10
03 01 00 09	707840	9	13.7	22	8	38	9	22	57	10
03 01 00 10	707814	10	14.5	22	9	38	9	22	57	10
03 01 00 11	707815	11	15.8	22	10	38	9.5	22	52	10
03 01 00 12	707816	12	17	22	11	38	13	22	58	10
03 01 00 13	707817	13	18.3	22	12	38	13	22	60	10
03 01 00 14	707818	14	19.9	22.7	13	38	13	20.5	60	10
03 01 00 15	707819	15	21.2	22.7	14	38	13.5	20.2	62	10
03 01 00 16	707820	16	22.4	23.7	15	38	13.5	19.6	63	10
03 01 00 17	707821^	17	24	23.7	15.2	38	15	19.6	66	10
03 01 00 18	707822	18	24.7	23.7	17	38	15.5	19.1	71	10
03 01 00 19	707823	19	26.2	25	18	38	16	21.7	78	10
03 01 00 20	707824	20	27.2	25	19	42	17	25.5	89	10
03 01 00 21	707825	21	28.7	26	20	42	18	25.2	104	10
03 01 00 22	707826	22	29.7	26	21	42	18	24.9	113	10
03 01 00 23	707827	23	30.7	26	20	42	18	25.4	114	5
03 01 00 24	707828	24	32	26	21	42	18.5	24.9	117	5
03 01 00 25	707829	25	33.2	25	22	42	18.5	24.6	119	5
03 01 00 26	707830	26	34.4	25	23	42	18.5	24.3	122	5
03 01 00 27	707831	27	36.2	26	24	45	19.5	27	150	5
03 01 00 28	707832	28	37.4	27	25	45	19.5	26.7	158	5
03 01 00 30	707834	30	39.7	28	27	45	20.5	26.1	171	5
03 01 00 31	707835	31	42.2	28	28	47	22	27.9	215	5
03 01 00 32	707837	32	42.2	28	29	47	22	27.6	189	5
03 01 00 34	707838	34	45	28	31	47	22	27	209	5

50a Sockets

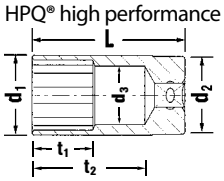
SW Code	Item Code	mm	d1 mm	d2 mm	d3 mm	L mm	t1 mm	t2 mm	g	
03 41 00 24	707857	3/8	14.3	22	8.3	38	9	22	57	10
03 41 00 28	707859	7/16	16.3	22	9.9	38	9	22	59	10
03 41 00 32	707850	1/2	18.3	22	11.5	38	13	22	59	10
03 41 00 34	707861	9/16	20.3	22.7	13.1	38	13	20.2	62	10
03 41 00 35	707854	19/32	21.3	22.7	13.5	38	13.5	20.1	61	10
03 41 00 36	707858	5/8	22.4	23.7	15	38	13.5	19.6	62	10
03 41 00 38	707851	11/16	24.2	23.7	16.5	38	15.5	19.2	68	10
03 41 00 40	707856	3/4	26.2	25	18	38	16	21.7	78	10
03 41 00 41	707855^	25/32	27	25	18.6	41	16	24.6	90	5
03 41 00 42	707852	13/16	28.2	25	19.4	41	16.5	24.3	95	5
03 41 00 44	707860	7/8	29.7	26	21	42	18	24.9	111	5
03 41 00 46	707853	15/16	32	26	22.6	42	18.5	24.4	121	5
03 41 00 48	707841	1	33.7	27	24.2	42	18.5	24	135	5
03 41 00 50	707842	1 1/16	36.2	26	25.8	45	19.5	26.5	155	5
03 41 00 52	707845	1 1/8	38.1	28	27.4	45	20	26	167	5
03 41 00 54	707846	1 3/16	39	28	28	45	20.5	25.9	178	5
03 41 00 56	707844	1 1/4	40	28	30.5	45	21	25.1	196	5
03 41 00 58	707848	1 5/16	41.8	28	32.1	47	22	26.7	210	5
03 41 00 60	707847^	1 3/8	46	28	33.7	50	23	29.2	232	5
03 41 00 62	707849^	1 7/16	49.4	31	34	54	26	33.1	320	5
03 41 00 64	707843^	1 1/2	51	31	35	54	26	32.8	330	5

6 Point sockets are also available - please contact customer service.

51 Sockets

AS-drive HPQ

extra deep, metric sizes: DIN 3124/ISO 2725-1, E DIN EN 3710,
E DIN EN 3709, ASME B 107.5M,
American sizes: ASME B 107.1, Fed. Spec. GGG-W-641, SAE AS 954-E,
HPQ® high performance steel, chrome plated.



SW Code	Item Code	mm/"	d1 mm	d2 mm	d3 mm	L mm	t1 mm	t2 mm	g	
03 02 00 10	707939^	10	14.5	22	9	83	19	67	90	10
03 02 00 13	707940^	13	18.3	22	12	83	35	67	122	10
03 02 00 14	707941	14	19.9	22.7	13	83	35	65.2	129	10
03 02 00 15	707942	15	21.2	22.7	14	83	35	64.9	132	10
03 02 00 16	707943	16	22.4	23.7	15	83	35	64.6	145	10
03 02 02 16	707944^	16-5/8 [1]	22.4	23.7	15.4	83	19	64.5	137	10
03 02 00 17	707945^	17	24	23.7	16	83	35	64.3	132	10
03 02 00 18	707946	18	24.7	23.7	17	83	35	64.1	170	10
03 02 00 19	707947^	19	26.2	25	18	83	35	66.7	186	10
03 02 02 08	707949^	20.8-13/16 [1]	27.7	26	20	83	22	66.2	194	10
03 02 00 21	707950	21	28.7	26.5	20	83	35	66.2	231	10
03 02 00 22	707951	22	29.7	27.5	21	83	35	65.5	200	10
03 02 00 24	707952^	24	32	30	21	83	35	66.1	280	5
03 02 00 26	707953	26	34.4	32.5	23	83	35	65.3	334	5
03 02 00 27	707954	27 [2]	36.2	34	27	83	20	60	294	5
03 02 00 30	707955	30 [2]	39.7	37.5	30.2	83	35	65	381	5
03 02 00 32	707956	32	42.4	40	29	83	35	63.9	461	5

[1]) with rubber insert for spark plugs
[2]) for diesel injector (VW, Audi, Mercedes, Opel, Ford, Peugeot, Volvo, Toyota, Mazda, Nissan, Mitsubishi, Daihatsu)

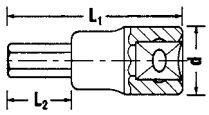
51a Sockets

SW Code	Item Code	mm	d1 mm	d2 mm	d3 mm	L mm	t1 mm	t2 mm	g	
03 42 00 24	707971^	3/8	14.3	22	8.3	83	19	67	93	5
03 42 00 28	707973^	7/16	16.3	22	9.9	83	19	67	102	5
03 42 00 32	707966^	1/2	18.3	22	11.5	83	35	67	122	5
03 42 00 34	707975^	9/16	20.3	22.7	13.1	83	35	65.2	131	5
03 42 00 36	707972^	5/8	22.4	23.7	15	83	35	64.6	145	5
03 42 00 38	707967^	11/16	24.2	23.7	16.5	83	35	64.2	158	5
03 42 00 40	707970^	3/4	26.2	25	18	83	35	66.7	188	5
03 42 00 42	707968^	13/16	27.7	26	19.5	83	35	66.3	170	5
03 42 00 44	707974^	7/8	29.7	27.5	21	83	35	65.9	200	5
03 42 00 46	707969^	15/16	32	30	22.6	83	35	65.7	281	5
03 42 00 48	707957^	1	33.7	32	24.2	83	35	65	260	5
03 42 00 50	707958^	1 1/16	36.2	34	25.8	83	35	64.5	359	5
03 42 00 52	707961^	1 1/8	38.1	36	27.4	83	35	64	300	5
03 42 00 54	707962^	1 3/16	39	37	28	83	35	63.9	377	5
03 42 00 56	707960^	1 1/4	40	38	30.5	83	35	63.1	433	5
03 42 00 58	707964^	1 5/16	41.8	40	32.1	83	35	62.7	479	5
03 42 00 60	707963^	1 3/8	46	44	33.7	83	35	62.2	506	5
03 42 00 62	707965^	1 7/16	49.4	47	34	83	35	62.1	635	5
03 42 00 64	707959^	1 1/2	51	49	35	83	35	61.8	675	5

1/2" Drive Sockets and Tools

54 INHEX sockets

for hexagon socket head screws, DIN 7422,
Chrome Alloy Steel, chrome plated.



SW Code	Item Code	mm	L_1 mm	L_2 mm	d mm	g	
03 05 00 04	**708099**	**4**	60	22	22.7	68	5
03 05 00 05	**708100**	**5**	60	22	22.7	68	5
03 05 00 06	**708101**	**6**	60	22	22.7	71	5
03 05 00 07	**708102**	**7**	60	22	22.7	75	5
03 05 00 08	**708103**	**8**	60	22	22.7	79	5
03 05 00 10	**708094^**	**10**	60	22	22.7	97	5
03 05 00 12	**708095**	**12**	60	20	23.7	122	5
03 05 00 14	**708096**	**14**	60	20	23.7	135	5
03 05 00 17	**708097**	**17**	60	20	27.5	186	5
03 05 00 19	**708098**	**19**	60	20	31	242	5

54a INHEX sockets

SW Code	Item Code	"	L_1 mm	L_2 mm	d mm	g	
03 45 00 14	**708111**	**7/32**	60	22	22.7	70	5
03 45 00 16	**708105**	**1/4**	60	22	22.7	75	5
03 45 00 20	**708108**	**5/16**	60	22	22.7	81	5
03 45 00 24	**708107**	**3/8**	60	22	22.7	97	5
03 45 00 28	**708110**	**7/16**	60	22	22.7	103	5
03 45 00 32	**708104**	**1/2**	60	20	23.7	125	5
03 45 00 34	**708112**	**9/16**	60	20	23.7	137	5
03 45 00 36	**708109**	**5/8**	60	20	27.5	169	5
03 45 00 40	**708106^**	**3/4**	60	20	31	244	2

54/10 INHEX socket set No-54

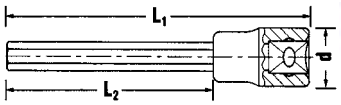
sizes 4; 5; 6; 7; 8; 10; 12; 14; 17; 19-mm

SW Code	Item Code	g
96 03 05 08	**708166^**	1655

in sturdy sheet steel case

INHEX sockets

for hexagon socket head screws,
extra long, DIN 7422,
Chrome Alloy Steel, chrome plated.

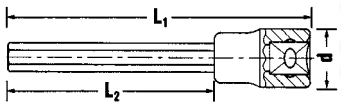


SW Code	Item Code	No.	mm	L_1 mm	L_2 mm	d mm	g	
03 15 12 05	**706398**	**2054/5**	5	120	82	22.7	78	5
03 15 12 06	**706399**	**2054/6**	6	120	82	22.7	84	5
03 15 12 07	**706400**	**2054/7**	7	120	82	22.7	96	5
03 15 12 08	**705160**	**1054/8K**	8	120	82	22.7	104	5
03 15 14 10	**705152**	**1054/10**	10	140	102	22.7	150	5
03 15 14 12	**705153**	**1054/12 [1])**	12	140	100	23.7	197	5
03 15 14 14	**706397**	**2054/14**	14	140	100	23.7	231	5

[1]) For fitting radiators

INHEX sockets

for hexagon socket head screws,
special lengths, DIN 7422,
Chrome Alloy Steel, chrome plated.

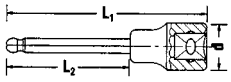


SW Code	Item Code	No.	mm	L_1 mm	L_2 mm	d mm	g	
03 15 18 05	**705155**	**1054/5**	5	180	20	22	118	5
03 15 07 06	**705156**	**1054/6**	6	70	32	22.7	72	5
03 15 10 06	**706682^**	**3054/6 [1])**	6	100	62	22.7	80	5
03 15 22 06	**705157^**	**1054/6L**	6	220	182	22.7	108	5
03 15 10 07	**705158**	**1054/7**	7	100	62	22.7	87	5
03 15 08 08	**706683^**	**3054/8**	8	80	42	22.7	88	5
03 15 14 08	**705159**	**1054/8**	8	140	102	22.7	114	5
03 15 07 13	**705154**	**1054/13**	13	70	25	24	130	5

[1]) for intake manifolds on 5-cylinder diesel engines on VW/Audi and T4 vans

54KK INHEX sockets

with ball point hexagon,
for hexagon socket head screws,
swivel angle up to 25° each side,
Chrome Alloy Steel, chrome plated.



SW Code	Item Code	mm	L_1 mm	L_2 mm	d mm	g	
03 28 00 05	**708131**	**5**	100	62	22.7	75	5
03 28 00 06	**708132**	**6**	100	62	22.7	80	5
03 28 00 07	**708133^**	**7 [1])**	100	62	22.7	84	5
03 28 00 08	**708134**	**8**	100	62	22.7	95	5
03 28 00 10	**708130**	**10**	100	62	22.7	120	5

[1]) Application: BMW brakes

1/2" Drive Sockets and Tools

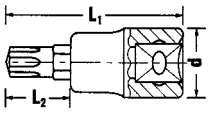
1054KK INHEX sockets

with ball point hexagon,
for hexagon socket head screws,
swivel angle up to 25° each side,
special lengths,
Chrome Alloy Steel, chrome plated.

SW Code	Item Code	mm	L_1 mm	L_2 mm	d mm	g	
03 31 00 05	705142	5	238	200	22.7	145	5
03 31 00 08	705143	8	238	200	22.7	154	5

54CV Screwdriver sockets

for spline socket head screws
(Ribe CV®), Chrome Alloy Steel, chrome plated.

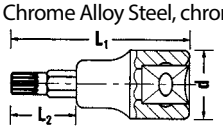


SW Code	Item Code	Size	L_1 mm	L_2 mm	d mm	g	
03 09 00 05	708123	M5	60	22	22.7	69	5
03 09 00 06	708118	M6	60	22	22.7	71	5
03 09 00 07	708119	M7	60	22	22.7	78	5
03 09 00 08	708120	M8	60	22	22.7	78	5
03 09 00 09	708121	M9	60	22	22.7	92	5
03 09 00 10	708113	M10	60	22	22.7	95	5
03 09 00 12	708114	M12	60	20	23.7	119	5
03 09 00 13	708115	M13	60	20	23.7	123	5
03 09 00 14	708116	M14	60	20	23.7	126	5
03 09 00 16	708117^	M16	63	23	27.5	163	5

Application:
Size M7, for brakes, cylinder head screws, bodywork and motor jobs incl. valve covers and spark plug covers on Fiat vehicles
Size M8, bodywork and motor jobs incl. valve covers and spark plug covers on Fiat vehicles
Size M9, brakes, cylinder head screws (1.2 l; 8V/16V) on Fiat vehicles
Size M10, for cylinder head screws (1.2 l; 8V/16V) on Fiat vehicles
Size M12 for cylinder head screws on Fiat 2.0 l engines
Size M13, for brakes, cylinder head screws on Fiat vehicles; cylinder head screws on Alfa vehicles, e.g. 1.6 l; 16V engines
Size M14; M16, for cylinder head screws on Alfa vehicles, e.g. 1.6 l; 16V engines

54X Screwdriver sockets

for trisquare socket head screws (XZN®), DIN 2324,
Chrome Alloy Steel, chrome plated.



SW Code	Item Code	Size	L_1 mm	L_2 mm	d mm	g	
03 06 00 05	708163	M5	60	22	22.7	67	5
03 06 00 06	708164	M6	60	22	22.7	74	5
03 06 00 08	708165	M8	60	22	22.7	79	5
03 06 00 10	708159	M10	60	22	22.7	94	5
03 06 00 12	708160	M12	60	20	23.7	120	5
03 06 00 14	708161	M14	60	20	23.7	128	5
03 06 00 16	708162	M16	60	20	27.5	174	5

3054X Screwdriver sockets

for trisquare socket head screws (XZN®), DIN 2324,
extra long,
Chrome Alloy Steel, chrome plated.

SW Code	Item Code	Size	L_1 mm	L_2 mm	d mm	g	
03 26 14 08	706681	M8	140	102	22.7	109	5
03 26 14 10	706678	M10	140	102	22.7	142	5
03 26 14 12	706679	M12	140	102	22.7	160	5
03 26 14 14	706680	M14	140	100	23.7	225	1

Application: sizes M10 and M12 for cylinder head screws on VW/Audi, Opel, mercedes-Benz.
size M14 for cylinder head screws on VM diesel engines, Chrysler

Screwdriver sockets

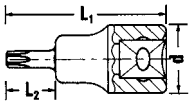
for trisquare socket head
screws (XZN®), special lengths,
DIN 2324,
Chrome Alloy Steel, chrome plated.

SW Code	Item Code	No.	Size	L_1 mm	L_2 mm	d mm	g	
03 16 08 08	705151^	1054x	M8	80	42	22.7	86	5
03 16 12 08	706405	2054x	M8	120	82	22.7	104	5
03 16 11 10	706403	2054x	M10	110	72	22.7	130	5
03 16 11 12	706404	2054x	M12	110	70	23.7	168	5

Application: No-1054x, size M8, for jointed shafts on VW/Audi

54TX Screwdriver sockets

for inside TORX® screws,
Chrome Alloy Steel, chrome plated.



SW Code	Item Code	Size	mm	L_1 mm	L_2 mm	d mm	g	
03 10 00 20	708149	T20	3.8	55	17	22.7	71	5
03 10 00 25	708150	T25	4.4	55	17	22.7	71	5
03 10 00 27	708151	T27	5	55	17	22.7	72	5
03 10 00 30	708152^	T30	5.5	55	17	22.7	72	5
03 10 00 40	708153	T40	6.6	55	17	22.7	72	5
03 10 00 45	708154	T45	7.8	55	17	22.7	74	5
03 10 00 50	708155	T50	8.8	55	17	22.7	86	5
03 10 00 55	708156	T55	11.2	58	18	23.7	112	5
03 10 00 60	708157	T60	13.2	58	18	23.7	113	5

Application: size T55 for the cylinder head screws on the Opel Omega V6

54TX/9 Set: Screwdriver sockets

for inside TORX® screws, 9 pieces,
Content: sizes T20; T25; T27; T30; T40; T45; T50; T55; T60

SW Code	Item Code	g	
96 03 10 04	708137	820	1

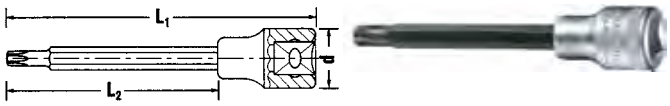
packed in carton

^ = non stocked line

1/2" Drive Sockets and Tools

Screwdriver sockets

for inside TORX® screws,
extra long,
Chrome Alloy Steel, chrome plated.

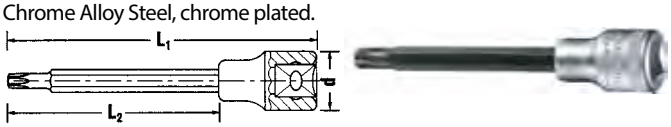


SW Code	Item Code	No.	Size	mm	L_1 mm	L_2 mm	d mm	g	
03 13 12 30	**705144**	**1054TX**	**T30**	5.5	120	82	22.7	99	5
03 13 14 40	**706401**	**2054TX**	**T40**	6.6	140	102	22.7	110	5
03 13 14 45	**706402**	**2054TX**	**T45**	7.8	140	102	22.7	111	5
03 13 14 50	**705147**	**1054TX**	**T50**	8.8	140	102	22.7	143	5
03 13 14 55	**705148**	**1054TX**	**T55**	11.2	140	102	22.7	159	5
03 13 14 60	**705149**	**1054TX**	**T60**	13.2	140	100	23.7	221	5

Application: size T45 for the intake rail of the Ford Scorpio with a 2.4; 2.8; 2.9 l injection engine and for the VW Passat from April 1989 with a 1.6; 1.8; 2.0 l engine and gearbox type 02A,
size T55 for the cylinder head screws on various Ford models, e.g. Mondeo 16V

1054TX Screwdriver sockets

for inside TORX® screws,
extra long,
Chrome Alloy Steel, chrome plated.

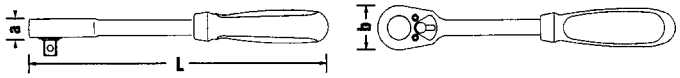


SW Code	Item Code	Size	mm	L_1 mm	L_2 mm	d mm	g	
03 13 12 40	**705145^**	**T40**	6.6	120	82	22.7	100	5
03 13 12 45	**705146^**	**T45**	7.8	120	82	22.7	100	5
03 13 10 70	**705150**	**T70 1)**	15.5	107	67	23.7	201	5

1) for cylinder head screws type Ford 1.8 l diesel (Turbo) Fiesta, Escort, Sierra, P100 from 8/92

Drive tools and accessories

1/2" , finish: Chrome Alloy Steel, chrome plated.



512 Ratchet

reversible (36 teeth),
with 2-component handle
DIN 3122/ISO 3315.

SW Code	Item Code	L mm	b mm	a mm	g	
13 11 10 10	**707998**	265.5	41	18	600	1

512QR QuickRelease ratchet

QR

reversible (36 teeth),
with QuickRelease safety
locks and 2-component
handles, DIN 3122/ISO 3315.

SW Code	Item Code	L mm	b mm	a mm	g	
13 11 00 20	**708012**	265.5	41	21	599	1

512SG-QR Ratchet

QR

reversible (36 teeth), with
QuickRelease safety
lock and steel handle,
DIN 3122/ISO 3315.

SW Code	Item Code	L mm	b mm	a mm	g	
13 11 00 30	**708014**	265.5	41	18	680	1

517 Flexible joint ratchet

reversible (60 teeth),
handle may be raised or lowered by approx. 90°. Lockable in following positions: straight, 30° up, 60° up, 30° down.
Unlocked by depressing button in handle, registered design.

SW Code	Item Code	L mm	b mm	a mm	g	
13 26 00 01	**708029**	415	43	26	798	1

Spare parts for ratchets No-512, 512SG, 532, 538

5120 + 7210/15 Spare parts set

Content:
1 Pinion
1 Pawl
1 Lever with pin
1 Ball
2 Compression Springs
2 Screws

SW Code	Item Code	g	
19 04 00 00	**708006**	127	1

for ratchets from 1990

1/2" Drive Sockets and Tools

Spare parts for ratchets No-512, 512SG-QR

5120 QR Spare parts set

QR

Content:
1 Pinion
1 Pawl
1 Lever with pin
1 Ball
2 Compression Springs
2 Screws

SW Code	Item Code	g	
19 04 00 20	708003	127	1

Spare parts for ratchets No-515, 517

7350/20 Spare parts sets

Content:
1 Pinion
1 Pawl
1 Switching disk
1 Spring
3 Screws

SW Code	Item Code	g	
59 25 10 20	709090	146	1

for ratchets from 4/96

504 Flexible handle

DIN 3122/ISO 3315.
with 2-component handle.

SW Code	Item Code	Size	L mm	g	
13 06 10 12	707907	15	397	674	1
13 06 10 13	707908	18	469	770	1

5040 Spare parts set

for No-504.
Content:
1 Universal Joint
1 Screw
1 Spring Washer

SW Code	Item Code	g	
96 19 08 00	707909	75	1

506 Sliding T-handle

DIN 3122/ISO 3315.

SW Code	Item Code	L mm	g	
13 07 00 00	707910^	300	436	5

506QR QuickRelease sliding T-handle

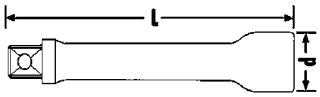
QR

Patent, with QuickRelease safety lock.

SW Code	Item Code	L mm	g	
13 07 10 00	707911^	300	470	1

509 Extensions

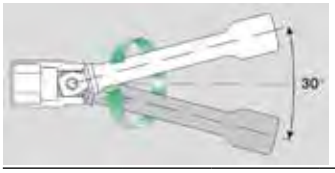
DIN 3123/ISO 3316.



SW Code	Item Code	Size	L mm	d mm	g	
13 01 00 01	707916	2	52	23	88	5
13 01 00 04	707920	3	75	23.2	120	5
13 01 00 02	707923	5	130	23.2	191	5
13 01 00 03	707912	10	255	23.2	341	5

Extensions with wobble-drive

swivel angle 15°
each side,
maximum torque 200 N m.



SW Code	Item Code	No.	L mm	d mm	g	
13 01 00 05	707919	509/2W	52	23	88	5
13 01 00 06	707922	509/3W	75	23.2	120	5
13 01 00 07	707926	509/5W	130	23.2	191	5
13 01 00 08	707915	509/10W	255	23.2	341	5

QuickRelease extensions

QR

Patent
DIN 3123/ISO 3316.

SW Code	Item Code	No.	L mm	d mm	g	
13 01 10 01	707918^	509/2QR	52	23	90	1
13 01 10 04	707921^	509/3QR	75	23	123	1
13 01 10 02	707925^	509/5QR	130	23	187	1
13 01 10 03	707914^	509/10QR	255	23	341	1

3505 Special extension

for CROW-FOOT spanner No-3540

SW Code	Item Code	L mm	d mm	g	
13 21 00 01	706704	120	23.2	186	1

^ = non stocked line

1/2" Drive Sockets and Tools

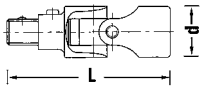
510 Universal joint

DIN 3123/ISO 3316.

SW Code	Item Code	L mm	d mm	g	
13 02 00 00	**707993^**	71	25	146	5

510QR QuickRelease universal joint

Patent, DIN 3123/ISO 3316, with QuickRelease safety lock.



SW Code	Item Code	L mm	d mm	g	
13 02 10 00	**707997^**	80	25	157	1

513 Adaptor

HPQ

1/2" socket x 3/8" plug
(12.5 x 10mm),
maximum torque 202 N m,
DIN 3123/ISO 3316,
HPQ® high performance steel.

SW Code	Item Code	L mm	d mm	g	
13 03 00 02	**708015**	35	22.7	55	5

514 Adaptor

HPQ

1/2" socket x 3/4" plug
(12.5 x 20mm),
DIN 3123/ISO 3316,
HPQ® high performance steel.

SW Code	Item Code	L mm	d mm	g	
13 03 00 05	**708017**	44	25	118	5

50a/17/6 Socket set 1/2"

in sturdy sheet steel case,
23 pieces
Content:
17 sockets with bi-hexagon No 50a:
sizes 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"
1 ratchet No 512
3 extensions No 509/2 (52 mm), No 509/5 (130 mm),
No 509/10 (255 mm)
1 T-handle No 506
1 universal joint No 510

SW Code	Item Code	g
96 03 41 25	**707932^**	5145

SW50/50A/29/5TCS Socket set 1/2"

Metric and Imperial 1/2" Drive
Socket Set with 12 point sockets
and quick release accessories.
34 pieces In TCS foam, and
plastic case
Content:
Metric: 10, 11, 12, 13, 14, 15, 16, 17,
18, 19, 21, 22, 24, 27, 30, 32mm
Imperial: 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"
Plus:
1 ratchet 512qr
3 extensions 509/3qr (75 mm), 509/5qr (130 mm), 509/10qr (255 mm)
1 universal joint 510qr

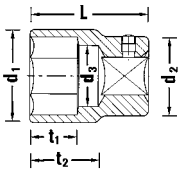
SW Code	Item Code
91 33 82 12	**707901**

3/4" Drive Sockets and Tools

55 Sockets

AS-drive HPQ

DIN 3124/ISO 2725-1, ASME B 107.5 M,
AS drive and HPQ® high performance steel up to size 38,
chrome plated.

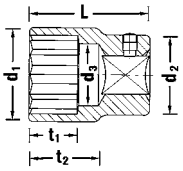


SW Code	Item Code	mm	d_1 mm	d_2 mm	d_3 mm	L mm	t_1 mm	t_2 mm	g	
05 01 00 19	708236^	19	28.5	34.7	17	50	16	26	183	5
05 01 00 21	708237^	21	31	34.7	18	50	16	26	226	5
05 01 00 22	708238^	22	32	34.7	19	51	17	25.2	199	5
05 01 00 24	708240^	24	34	34.7	21	51	18.5	24.6	200	5
05 01 00 27	708241^	27	38.5	38	24	54	20	26.8	263	5
05 01 00 30	708244^	30	42	38	27	58	21	33.6	313	5
05 01 00 32	708245^	32	44.5	38	29	58	22	33	326	2
05 01 00 33	708246^	33	46	40	30	60	22	34.7	372	2
05 01 00 34	708247^	34	47	40	31	60	24	34.4	363	2
05 01 00 36	708248^	36	49.5	40	33	60	24	33.9	386	2
05 01 00 38	708249^	38	52	40	35	64	30	37.3	429	2
05 01 00 41	708250^	41	55.5	40	33	67	30	37.5	498	2
05 01 00 46	708251^	46	61	40	33	73	34	43.5	605	1
05 01 00 50	708252^	50	66	40	33	80	34	48.5	769	1
05 01 00 55	708253^	55	72	45	33	80	36	49.5	954	1
05 01 00 60	708254^	60	78	45	33	80	40	50.5	1025	1

55a Sockets

AS-drive HPQ

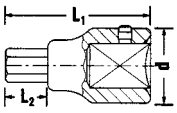
SAE AS 954-E (test loads), ASME B 107.1,
AS drive and HPQ® high performance steel up to size 1 ½",
chrome plated.



SW Code	Item Code	mm	d_1 mm	d_2 mm	d_3 mm	L mm	t_1 mm	t_2 mm	g	
05 41 00 40	708272^	3/4	28.5	34.7	18.6	50	16	26	176	2
05 41 00 42	708268^	13/16	31	34.7	19.4	51	16.5	25.1	190	2
05 41 00 44	708274^	7/8	33	34.7	21	51	18	24.5	240	2
05 41 00 46	708269^	15/16	34	34.7	22.5	51	18.5	24.2	248	2
05 41 00 48	708255^	1	37	38	24	52	20	24.8	251	2
05 41 00 50	708256^	1 1/16	38.5	38	26	54	20	26.2	265	2
05 41 00 52	708259^	1 1/8	41	38	27.5	57	20	32.5	297	2
05 41 00 56	708258^	1 1/4	44.5	38	30.5	58	22	32.6	339	2
05 41 00 58	708264^	1 5/16	46.5	40	32.1	59	24	33.1	368	2
05 41 00 60	708263^	1 3/8	48.5	40	33.7	59	24	32.7	375	2
05 41 00 62	708266^	1 7/16	50	40	35.3	60	27	33.2	395	2
05 41 00 64	708257^	1 1/2	52	40.5	36.8	64	30	36.8	415	2
05 41 00 66	708265^	1 5/8	56	40	33	67	30	37.5	469	1
05 41 00 67	708260^	1 11/16	58	40	33	70	32	40.5	524	1
05 41 00 68	708262^	1 3/4	59.5	40	33	70	32	40.5	524	1
05 41 00 69	708261^	1 13/16	61.5	40	33	73	34	43.5	585	1
05 41 00 70	708267^	1 7/8	63.5	40	33	76	34	45	651	1
05 41 00 72	708270^	2	67	40	33	80	34	48.5	757	1

59 INHEX sockets

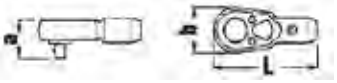
for socket head screws, DIN 7422,
Chrome Alloy Steel, chrome plated.



SW Code	Item Code	mm	L_1 mm	L_2 mm	d mm	g	
05 05 00 14	708375^	14	80	25	34.7	272	1
05 05 00 17	708376^	17	80	25	34.7	311	1
05 05 00 19	708377^	19	80	25	34.7	346	1
05 05 00 22	708378^	22	80	25	40	515	1

Drive tools and accessories

3/4" □, finish: Chrome Alloy Steel, chrome plated.



552 Ratchet

reversible (36 teeth),
without Bar Handle No-558.

SW Code	Item Code	L mm	b mm	a mm	g	
15 11 00 00	708303^	165	70	60	1684	1

554 Flexible head

SW Code	Item Code	L mm	d mm	g	
15 06 00 00	708314^	131	40	612	5

556 Sliding head

without bar handle No 558.

SW Code	Item Code	L mm	d mm	g	
15 07 00 00	708320^	61.5	40	318	5

558 Bar handle

SW Code	Item Code	L mm	d mm	g	
15 17 00 00	708321^	510	20	1299	2

3/4" Drive Sockets and Tools

568 Adaptor

HPQ

3/4" socket x 1/2" plug (20 x 12.5mm),
maximum torque 512 N m,
DIN 3123/ISO 3316,
HPQ® high performance steel.

SW Code	Item Code	L mm	d mm	g	
15 03 00 03	**708356**	55	34.7	203	5

569 Adaptor

HPQ

3/4" inside x 1" plug (20 x 25mm),
DIN 3123/ISO 3316,
HPQ® high performance steel.

SW Code	Item Code	L mm	d mm	g	
15 03 00 06	**708358^**	61	34.7	295	5

55/10/6 Socket set 3/4" □

in sturdy sheet steel case,
16 pieces
Content:
10 sockets with hexagon No 55:
sizes 22; 24; 27; 30; 32; 34; 36;
41; 46; 50 mm
1 ratchet No 552
2 extensions No 559/8 (200 mm),
No 559/16 (400 mm)
1 flexible head No 554
1 sliding head for T-handle No 556
1 bar handle No 558

SW Code	Item Code	g
96 05 01 04	**708291^**	13965

1" Drive Sockets and Tools

Drive tools and accessories

1" □, finish: Chrome Alloy Steel, chrome plated.

882 Ratchet

reversible (36 teeth),
without Bar Handle No-888.

SW Code	Item Code	L mm	b mm	a mm	g	
16 11 00 00	**709370^**	185	70	60	2000	1

884 Flexible head

SW Code	Item Code	L mm	d mm	g	
16 06 00 00	**709374^**	195	48	1800	1

886 Sliding head

without bar handle No 888.

SW Code	Item Code	L mm	d mm	g	
16 07 00 00	**709376**	80	48	605	1

888 Bar handle

SW Code	Item Code	L mm	d mm	g	
16 17 00 00	**709378^**	700	28	3320	1

MANOSKOP® 714

Electromechanical torque and angle-controlled wrench

Benefits at a glance:

- Indicating and with cut-out
- 4 measuring methods (torque, angle, torque backed up by angle, angle backed up by torque)
- Freely configurable menu structure
- Includes Sensomaster software for easy configuration of the tool
- 3 function modes: cut-out, peak (indicating mode displaying peak reading) and track (indicating mode displaying current value)
- Angle-controlled measurement without a reference arm
- Data storage (≤ 2,500 tightening jobs)
- Acoustic and visual assessment of the joint
- Clockwise and anticlockwise tightening
- Tactile and acoustic trigger signals
- Torque and angle are simultaneously visible
- All readings are independent of the point of application of force with sizes 1, 2 and 4
- Display deviation value ± 2 % for torque and ± 1% for angle

1 High-definition graphical colour display with additional side-mounted indicator lamps

2 Automatic key-lock prevents inadvertent changes

3 Fast, accurate setting via keypad

4 Own ident number can be stored in the wrench

5 Indicator lamps clearly visible from all sides
Yellow light: advance warning threshold reached
Green light: within the target range
Red light: reading is outside the tolerance range

6 In a sturdy plastic case with foam inlays (sizes 40–100 in steel case)
With certificate

7 Optional extras: Li-Ionen battery No 7195-2 and charger No 7160

8 Individually configurable menus

9 Micro USB interface

10 Battery compartment with smooth-action bayonet fitting

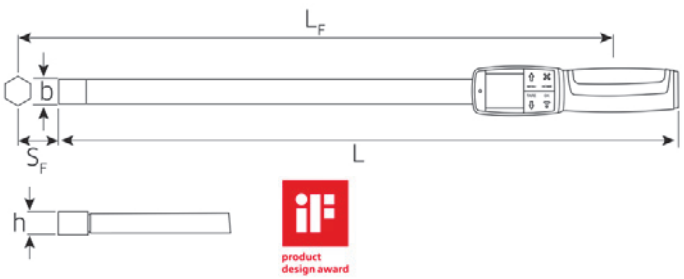
11 Up to 200 joints can be programmed in up to 25 sequences

12 The wrench reminds the user automatically when calibration is due – either by the number of joints or the time interval

MANOSKOP® 714 – indicating and cut-out
Electromechanical torque and angle-controlled wrench

- 4 measuring modes (torque, angle, torque backed up by angle, angle backed up by torque)
- high-definition colour display with additional side-mounted indicator lamps
- freely configurable menu structure
- Optionally: Li-ion battery No 7195-2 and charger No 7160
- 3 function modes: cut-out, peak (indicating mode with peak value) and track (indicating mode with current value)
- Micro USB 2.0 interface
- bayonet connection for battery compartment
- QuickRelease safety lock change system for insert tools
- angle-controlled measurement without a reference arm
- data storage (< 2500 tightening jobs)
- as many as 200 joints can be programmed in up to 25 preset sequences.
- different tolerance limits can be set for each joint
- acoustic and visual assessment of the joint
- rapid, accurate setting via keypad
- the automatic keypad lock prevents inadvertent changes
- overload protection by means of acoustic and visual signals and a fail-safe system (clockwise)
- automatic notification of the next calibration date, either by the number of joints or the time interval
- fully automated calibrating and adjusting using the perfectControl calibrating and adjusting unit No 7794-2 (torque) or 7794-3 (torque and angle)
- units of measure: N m, ft.lb, in.lb.
- tightening torque is automatically corrected if a deviating extension is entered
- immediately reusable after release
- clockwise and anticlockwise tightening – it may be necessary to refit the insert tool rotated through 180° for anticlockwise tightening in the cut-out mode
- tactile, visual and acoustic trigger signal.
- torque and angle are simultaneously visible
- all readings are independent of the point of application of force (with sizes 1, 2 and 4)
- safe handling due to ergonomically designed handle (resistant to oils, grease, fuels, brake fluid and Skydrol)
- 2 certificates (torque, angle)
- in sturdy plastic case (size 40 in steel case)
- design patent, other patents applied for
- supplied with Sensomaster software, USB cable, 4 AAA/LR03 micro-batteries, 1.5 V. AAA, 1.2 V, micro NiMH rechargeable batteries can be used
- display resolution, angle 0.1°
- display deviation value, angle ±1%, ±1 digit
- display resolution, torque (< 40 N m: 0.01 N m; > 40 N m: 0.1 N m
- display deviation value, angle ±2%, ±1 digit

714 Basic wrenches with tool carrier for insert tools



NEW

714/2

714/20

SW Code	Item Code	size	N m	ft.lb	in.lb	mm	b mm	h mm	L mm	L_F mm	S_F mm	g	g with box
96 50 09 01	**800650^**	**1**	1 - 10	0.75 - 7.5	9 - 90	9x12	28	23	226	188	17.5	370	795
96 50 09 02	**800651^**	**2**	2 - 20	1.5 - 15	18 - 180	9x12	28	23	226	188	17.5	380	805
96 50 09 04	**800652^**	**4**	4 - 40	3 - 30	36 - 360	9x12	28	23	252	214	17.5	420	845
96 50 09 06	**800653^**	**6**	6 - 60	4.5 - 45	54 - 540	9x12	28	23	393	355	17.5	810	1235
96 50 09 10	**800654^**	**10**	10 - 100	7.5 - 75	90 - 900	9x12	28	23	466	428	17.5	1085	1510
96 50 09 20	**800655^**	**20**	20 - 200	15 - 150	180 - 1800	14x18	28	23	547	516	25	1361	1896
96 50 09 40	**800656^**	**40**	40 - 400	30 - 300	360 - 3600	14x18	28	23	687	656	25	1765	5155

Refer inserts on page 63-64

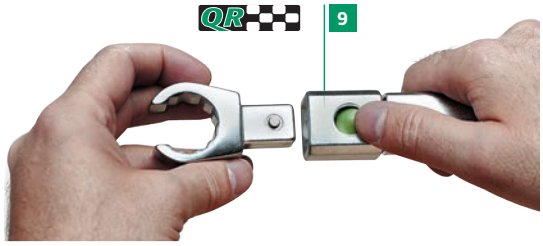
MANOSKOP® 730D
Electromechanical torque wrench

Benefits at a glance:

- Cut-out and indicating
- Displays the torque actually applied after the wrench cuts out. In this way, the user has the opportunity to optimise his or her working methods.
- Units of measurement: N m / ft.lb / in.lb
- Automatic keypad lock
- Display also works for anticlockwise torque
- Angle-controlled measurement without a reference arm using a supplementary module
- Overload protection by means of acoustic and visual signals
- Automatic compensation to achieve correct tightening torque even if a changed extension is entered
- Different tolerance limits can be set for each joint
- Visual red and green signals in the display confirm the status of the joint
- Additional security for presets using PIN code
- Automatic notification of the next calibration date
- Deviation of indication ± 2%

Measure, cut-out and record: When the preset torque is reached, the torque wrench cuts out and indicates this fact to the user via a definite tactile and audible signal. The tightening torques are stored. The data can be transferred to a PC for evaluation and documentation.

7395-1



1 The square drive enables a broad range of insert tools

2 Dual stop signal with tactile and acoustic cut-out signals

3 Easy-to-read display

4 Rapid setting
The convenient keypad enables the torque wrench to be quickly and easily set

5 Power supply two 1.5 V AA batteries

6 Angle controlled tightening
Simply attach the Angle Module No 7395-1 and connect the cable to the interface

7 Data output USB interface

8 2-component handle has ergonomically designed, green softer layers and is
resistant to oils, grease, fuels, brake fluids and Skydrol.

9 QuickRelease safety lock

Service work & series production MANOSKOP® 730D – indicating and cut-out

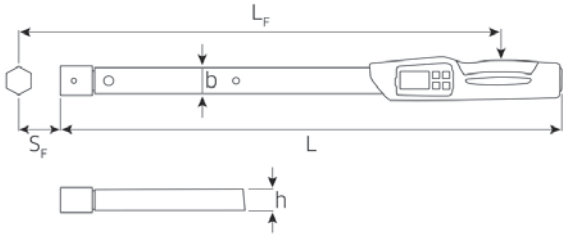
This electromechanical torque wrench combines the "indicating" and "cut-out" functions in a single tool; the function modes can be selected independently of each other.
With a mount for interchangeable sockets and inserts and QuickRelease safety lock;
rapid setting using the convenient foil keypad and large display; tactile and acoustic trigger signal.
Differing tolerance limits can be set for each joint. Visual red and green signals in the display confirm the status of the joint.
Display also works for anti-clockwise torque.

7500 data records can be stored, transferred via a USB interface and evalutated on the PC. Automatic compensation to achieve correct tightening torque even if a changed extension is entered.
Overload protection by means of acoustic and visual signs. The automatic keypad lock prevents inadvertent changes. Additional security for presets (function mode, trigger or preset value, unit of measurement, tolerance, save, deviating extension) using PIN code.

All the sensitive components are protected by the sturdy housing. The 2-component handle with its ergonomically designed green softer layers is resistant to oils, grease, fuels, brake fluid and Skydrol. Included in the set are 2 AA NiMH rechargeable batteries, 1.2 V, 2300 mAh. It is also possible to use
1.5 V AA batteries.
Automatic notification of the next calibration date. Simple calibration and, if required,
adjustment without disassembly using Torque Tester No 7707 W.
Units of measurement: N m, ft.lb in.lb
Guaranteed maximum accuracy deviation ±2%. With certificate.

(Inserts see page 62 of this catalogue)

730D Basic wrenches with tool carrier for insert tools



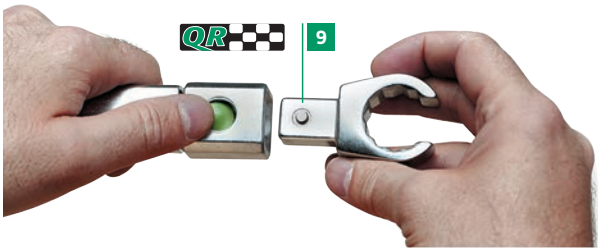
SW Code	Item Code	size	N m	ft.lb	in.lb	Setting/display resolution Nm	ft.lb	in.lb	mm	b mm	h mm	L mm	L_F mm	S_F mm	g	g with box
96 50 17 10	**708876**	**10**	10 - 100	7.4 - 75	90 - 900	0.2/0.1	0.2/0.1	2/1.0	9x12	28	23	467	426.5	17.5	1085	1510
96 50 17 20	**708877**	**20**	20 - 200	15 - 150	180 - 1800	0.5/0.1	0.5/0.1	5/1.0	14x18	28	23	548	515	25	1361	1896
96 50 17 40	**708878^**	**40**	40 - 400	30 - 300	360 - 3600	1.0/0.1	1.0/0.1	10/1.0	14x18	28	23	688	655	25	1765	5155
96 50 17 65	**708879^**	**65**	65 - 650	48 - 480	580 - 5800	1.0/0.1	1.0/0.1	10/1.0	14x18	30.6	25.6	870	837	25	3300	6000

Refer inserts on page 63-64

MANOSKOP® 730N
Mechanical torque wrench

Benefits at a glance:

- Accurate one-handed setting – quick & easy control using the knob at the end of the handle
- Audible setting positions
- Fail-safe setting mechanism in the knob
- Clearly readable twin scale (N m and ft.lb)
- Noticeable double signals when the preset torque is reached
- Square drives with
- QuickRelease safety locks – for 9x12, 14x18 and 22x28 mm
- Handle is resistant to oils, grease, fuels, brake fluids and Skydrol
- Deviation of indication ± 3%



1 Protected mechanism extremely resistant to mechanical wear, protected against dirt inside the outer housing

2 Easily readable double scale. The colour differentiation between the N m and ft.lb scales simplifies fine setting

3 Two-component handle made of extremely tough, impact resistant plastic with a kind-to-the-hands softer layer

4 Ring scale with fine settings for the black measuring range on the twin scale

5 QuickSelect rapid setting: Pull, set, lock. All using the one setting knob

6 No need for manual reset to zero thanks to the wear-free triggering cam system. The measuring element is only under load while force is being applied.

7 The square drive enables a broad range of tightening tools

8 Rapid adjustment from outside, no disassembly of the torque wrench

9 QuickRelease safety lock
Firm locking and rapid change of insert tools thanks o the QuickRelease safety lock

10 Integrated clockwise and anticlockwise operation simply by turning over the wrench and insert tool

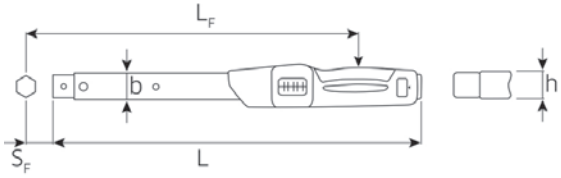
^ = non stocked line

Service MANOSKOP® 730N

Clicking torque wrench with mount for interchangeable socket tools, rapid, accurate setting using QuickSelect quick-action adjuster, with QuickRelease safety lock, double stop signals, very clear twin scales with colour coded N m/ft.lb and ft.lb/inch.lb. markings and long-term repeated accuracy.

The measuring element is only under load while force is being applied, no need for manual reset to zero.
All the sensitive components are protected by the sturdy housing. The 2-component handle with its ergonomically designed green softer layers is resistant to oils, grease, fuels, brake fluids and Skydrol.
If the wrench is misused – e.g. to force seized-up screws – the measuring mechanism is deactivated.
The swap-over inserts can also be used to apply torque in an anticlockwise direction. Easily adjustable without disassembly, e.g. using testers No-798, No-799 or No-7707 W.
Guaranteed maximum accuracy deviation ± 3%. With certificate.

730N Basic wrenches with tool carrier for insert tools



SW Code	Item Code	Size					Fine scale	mm	b mm	h mm	L mm	L_F mm	S_F mm	g
50 18 10 02	**708887^**	**2**	2 - 20 N m	20 - 180 in.lb	1 N m	10 in.lb	0.2 N m	9x12	28	23	275	226	17.5	737
50 18 10 05	**708889**	**5**	10 - 50 N m	7 - 37 ft.lb	5 N m	1 ft.lb	0.25 N m	9x12	28	23	330	280.5	17.5	831
50 18 10 10	**708884^**	**10**	20 - 100 N m	15 - 75 ft.lb	10 N m	2.5 ft.lb	0.5 N m	9x12	28	23	386	336	17.5	988
50 18 10 12	**708885**	**12**	25 - 130 N m	20 - 95 ft.lb	10 N m	2.5 ft.lb	0.5 N m	14x18	28	23	421	379	25	1128
50 18 10 20	**708886**	**20**	40 - 200 N m	30 - 150 ft.lb	10 N m	5 ft.lb	1 N m	14x18	28	23	467	424.5	25	1264
50 18 10 40	**708888**	**40**	80 - 400 N m	60 - 300 ft.lb	20 N m	10 ft.lb	2 N m	14x18	28	23	607	564.5	25	1655
50 18 10 65	**708890**	**65**	130 - 650 N m	100 - 480 ft.lb	50 N m	20 ft.lb	2.5 N m	14x18	30.6	25.6	890	848	25	3231

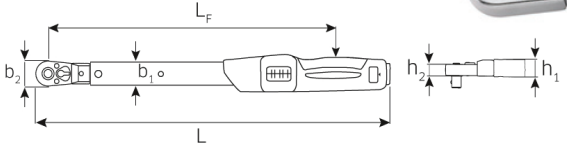
Refer inserts on page 63-64

SW Code	Item Code	Size					Fine scale	mm	b mm	h mm	L mm	L_F mm	S_F mm	g
50 58 10 02	**708892^**	**a/2**	20 - 180 in.lb	1.5 - 15 ft.lb	10 in.lb	0.5 ft.lb	2 in.lb	9 x 12	28	23	275	226	17.5	737
50 58 10 05	**708895^**	**a/5**	90 - 450 in.lb	7 - 37 ft.lb	50 in.lb	1 ft.lb	2.5 in.lb	9 x 12	28	23	330	280.5	17.5	831
50 58 10 10	**708891^**	**a/10**	180 - 900 in.lb	15 - 75 ft.lb	100 in.lb	2.5 ft.lb	5 in.lb	9 x 12	28	23	386	336	17.5	988
50 58 10 20	**708893^**	**a/20**	350 - 1800 in.lb	30 - 150 ft.lb	100 in.lb	5 ft.lb	10 in.lb	14 x 18	28	23	467	424.5	25	1264
50 58 10 40	**708894^**	**a/40**	60 - 300 ft.lb	800 - 3600 in.lb	20 ft.lb	100 in.lb	2 ft.lb	14 x 18	28	23	607	564.5	25	1655

Refer inserts on page 63-64

730NR Basic wrenches with permanently installed ratchets

in sturdy plastic case. Deviation of indication ± 4%.



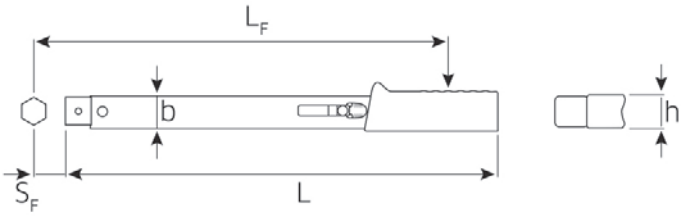
SW Code	Item Code	Size					Fine scale	■ "	b_1 mm	b_2 mm	h_1 mm	h_2 mm	L mm	L_F mm	g	g with box
96 50 21 05	**708900^**	**5QR FK***	10 - 50 N m	7 - 37 ft.lb	5 N m	1 ft.lb	0.25 N m	3/8	28	29	23	14.5	372.5	291	961	1386
96 50 21 10	**708897^**	**10QR FK***	20 - 100 N m	15 - 75 ft.lb	10 N m	2.5 ft.lb	0.5 N m	1/2	28	29	23	14.5	428.5	346.5	1129	1554
96 50 21 20	**708898^**	**20QR FK***	40 - 200 N m	30 - 150 ft.lb	10 N m	5 ft.lb	1 N m	1/2	28	41	23	18	526	438	1589	2014
96 50 21 40	**708899^**	**40 FK**	80 - 400 N m	60 - 300 ft.lb	20 N m	10 ft.lb	2 N m	3/4	28	50	23	30.7	657	564.5	2122	2657

* Ratchet has quick-release safety lock QR

Service MANOSKOP® 730

Torque wrenches offering quick adjustment, with cut-out, with QuickRelease safety lock (size 5-65) dual signal (size 2-40), dual scale N m/ft.lb. resp. N m/inch.lb. (size 5-80), long term accuracy and facility to accept insert/ shell tools.
The robust steel tube completely encloses all working parts. Even when misused (slackening sized bolts for example), the measuring element remains stress free. Reversible insert/shell tools allow anticlockwise operation.
Recalibration, without dismantling, with the aid of checking gauges No-798, No-799 or No-7707 W.
Guaranteed accuracy ± 4%. With certificate.

730 Basic wrenches with tool carrier for insert tools

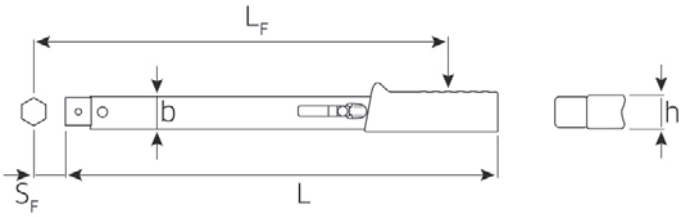


SW Code	Item Code	Size			mm	b mm	h mm	L mm	L_F mm	S_F mm	g
50 18 00 02	**708862**	**2**	4 - 20 N m	0.5 N m	9x12	27.5	23	178.5	174	17.5	315
50 18 00 04	**708864^**	**4**	8 - 40 N m	1 N m	9x12	27.5	23	222	218	17.5	395

Refer inserts on page 63-64

SW Code	Item Code	Size			mm	b mm	h mm	L mm	L_F mm	S_F mm	g
50 58 00 02	**708872^**	**a/2**	30 - 175 in.lb	5 in.lb	9x12	27.5	23	178.5	174	17.5	315
50 58 00 04	**708874^**	**a/4**	70 - 350 in.lb	10 in.lb	9x12	27.5	23	222	218	17.5	395

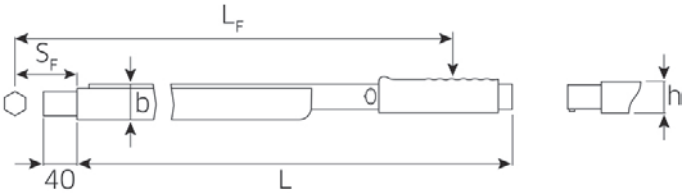
Refer inserts on page 63-64



SW Code	Item Code	Size					mm	b mm	h mm	L mm	L_F mm	S_F mm	g
50 18 00 05	**708866**	**5**	6 - 50 N m	5 - 36 ft.lb	2 N m	1 ft.lb	9x12	28	23	315	288	17.5	805
50 18 00 10	**708860**	**10**	20 - 100 N m	15 - 72.5 ft.lb	2.5 N m	2.5 ft.lb	9x12	28	23	370	343	17.5	965
50 18 00 12	**708861^**	**12**	25 - 130 N m	20 - 95 ft.lb	2.5 N m	2.5 ft.lb	14 x 18	28	23	410	390	25	1100
50 18 00 20	**708863**	**20**	40 - 200 N m	30 - 145 ft.lb	5 N m	5 ft.lb	14 x 18	28	23	455	435	25	1250
50 18 00 40	**708865**	**40**	80 - 400 N m	60 - 300 ft.lb	10 N m	10 ft.lb	14 x 18	28	23	590	570	25	1880
50 18 00 65	**708867**	**65**	130 - 650 N m	100 - 480 ft.lb	20 N m	20 ft.lb	14 x 18	30.6	25.6	875	855	25	3280

Refer inserts on page 63-64

730 Basic wrench with tool carrier for shell tools, registered design



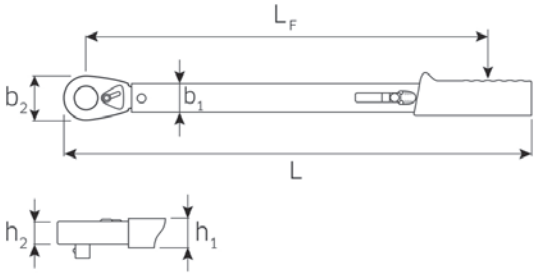
SW Code	Item Code	Size					mm	b mm	h mm	L mm	L_F mm	S_F mm	g
50 18 00 80	**708868^**	**80**	160 - 800 N m	120 - 600 ft.lb	20 N m	20 ft.lb	24.5x28	46	43	970	990	95	5377

Use shell adaptor No-7370/80 to make 14 x 18-mm insert tools fit.

Standard MANOSKOP® 721

Torque wrenches with dual "Stop" signal and cut-out, rapid adjustment, dual scale N m/ft.lb and long service life. Robust steel tube protects all working parts, even if misused, i.e. attempting to free seized metal fasteners, the measuring element remains stress free. Recalibration, without dismantling, with the aid of checking gauges No-798, No-799 or No-7707 W.
Guaranteed accuracy ± 4%. With certificate.

721 Torque wrenches with reversible ratchet



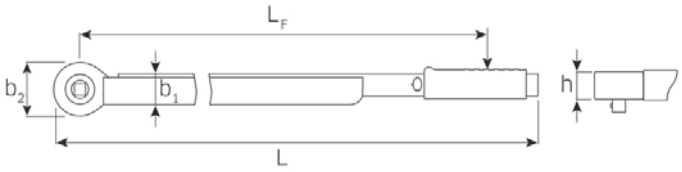
SW Code	Item Code	Size					■ "	b_1 mm	b_2 mm	h_1 mm	h_2 mm	L mm	L_F mm	g
50 20 00 05	**708842^**	**5**	6 - 50 N m	5 - 36 ft.lb	2 N m	1 ft.lb	3/8	28	27.5	23	14.5	352	293	900
50 20 00 15	**708839^**	**15**	30 - 150 N m	25 - 110 ft.lb	5 N m	5 ft.lb	1/2	28	41	23	18	452	387	1395
50 20 00 30	**708841^**	**30**	60 - 300 N m	50 - 220 ft.lb	10 N m	10 ft.lb	1/2	28	44	23	27.5	553	486	1720

size 30 with push through square drive

Standard MANOSKOP® 721Nf

Torque wrenches with dual "STOP" signal and cut-out, micrometer type adjustment, dual scale N m/ft.lb and long service life.
Robust steel tube and light alloy "U"-profile protect all working parts.
Push through square drive for right and left hand tightening.
Recalibration without dismantling. Guaranteed accuracy ± 4%. With certificate.

721Nf Torque wrenches with ratchet

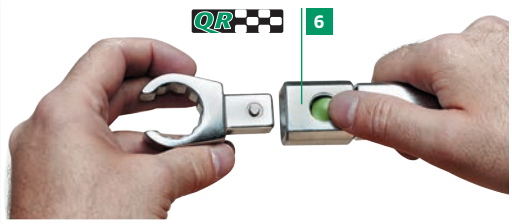


SW Code	Item Code	Size					■ "	b_1 mm	b_2 mm	h mm	L mm	L_F mm	g
50 20 00 81	**708850^**	**80**	160 - 800 N m	120 - 600 ft.lb	20 N m	20 ft.lb	3/4	46.5	76	42	1051	938	7222
96 50 20 01	**708848^**	**100**	200 - 1000 N m	150 - 725 ft.lb	25 N m	25 ft.lb	3/4	46.5	76	42	1504	1365	7005

Sensotork® 713R
Electronic torque wrench/angle-controlled wrench

Benefits at a glance:

- Angle-controlled measurements without a reference arm
- Broad measuring range (5% – 100% of rated value)
- Extremely wide range of angle measurement
- Units of measurement N m / ft.lb / in.lb
- Clockwise and anticlockwise use
- For use with all insert tools 9x12 and 14x18 mm
- QuickSelect rapid recall of predefind sets of operating parameters
- Defined sequence – a number of repeated joints can be grouped as a defined sequence
- Readings can either be directly stored, transmitted to the PC or simply displayed
- Password protection tamper proof use
- Freely selectable names for each series of test
- Various languages available
- Works-specific identifier
- Programmable via PC
- Resistant to oils, grease, fuels, brake fluids and Skydrol
- Wide range of application: –20°C to +60°C
- Meets requirements of DKD-R 3-7, Class 2
- Deviation of indication ± 1%



1 Warning signals: acoustic (buzzer), tactile (vibration in the handle), visual (LEDs and display). The point at which the warning signal is triggered can be freely set

2 Amazingly simple handling
All functions are selected using the arrow keys. The visual guidance system makes operation a simple matter

3 Measurements independent of the point of application of force (sizes 6 and 20)

4 Easy extension setting
Where the insert tool requires an extension adjustment, simply enter the new value. Recalculation using complicated formulae is no longer necessary

5 Data output USB interface

6 QuickRelease
Firm locking and rapid change of any insert tools

Electronic angle-controlled torque wrench Sensotork 713

Simple, flexible operation thanks to operator guidance on large-format display.
Very broad measuring range (5 % to 100 % of rated value) with display deviation value of ± 1 % of the current reading. Display deviation value of angle is ± 1°.
Repeated joint can be collated to form a single menu-guided sequence.

713R Electronic angle-controlled torque wrenches Sensotork

Electronic angle-controlled torque wrench with insert tool pawl-action ratchet, with QuickRelease safety lock, for clockwise and anticlockwise use, readings independent of point of application of force, choice of many units of measurement, advance warning points for visual, tactile and acoustic signals, torque and angle are simultaneously visible, convenient angle measurement across a very wide angle range without a reference arm, choice of individual insert lengths, maintenance friendly due to easy adjustment and automatic reminder of next calibration date, individual identification possible, tamper-proof due to password protection, meets requirements of DKD-R 3-7, Class 2 and DIN EN ISO 6789, with works certificate in accordance with DIN EN 10204, supplied in sturdy plastic case (size 40 in sturdy steel case).

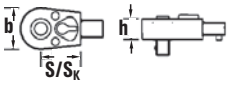
SW Code	Item Code	Size			■ "	mm	b mm	h mm	L mm	g	g with box
96 50 16 06	**708823^**	**6**	3 - 60 N m	2.5 - 44 ft.lb	3/8	9x12	50	33.5	378	856	1500
96 50 16 20	**708821^**	**20**	10 - 200 N m	7 - 148 ft.lb	1/2	14 x 18	50	33.5	608	1552	2430
96 50 16 40	**708822^**	**40**	20 - 400 N m	15 - 296 ft.lb	3/4	14 x 18	50	33.5	838	2332	5555

Insert/shell tools for torque wrenches

725QR QuickRelease ratchet insert tool

QR

reversible, with QuickRelease safety lock.
size 4: 22 teeth, sizes 5 and 10: 30 teeth, size 20: 36 teeth

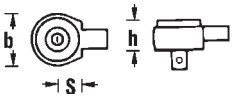


SW Code	Item Code	Size	■ "	mm	b mm	h mm	S mm	S_K mm	g
58 25 30 04	**708858**	**4**	1/4	9x12	22	14.5	17.5	40	60
58 25 30 05	**708859^**	**5**	3/8	9x12	29	14.5	28*	100	130
58 25 30 10	**708851^**	**10**	1/2	9x12	29	14.5	28*	100	141
58 25 30 20	**708852**	**20**	1/2	14 x 18	41	18	38.5*	200	325

Maximum continuous loads of ratchet insert tools are limited to:
725QR/4 - 40 N m, 725QR/5 and 725QR/10 - 100 N m,
725QR/20 - 250 N m.
Limits must not be exceeded when these insert tools are used with torque wrenches of larger capacity.
* Caution! Modified settings on torque wrench

735 Ratchet insert tools

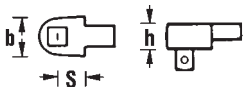
reversible, 60 teeth



SW Code	Item Code	Size	■ "	mm	b mm	h mm	S mm	M N m	g
58 25 00 05	**709086**	**5**	3/8	9x12	33	24	17.5	100	155
58 25 00 10	**709082**	**10**	1/2	9x12	33	24	17.5	100	147
58 25 00 20	**709083**	**20**	1/2	14 x 18	43	26	25	300	302
58 25 00 40	**709084**	**40**	3/4	14 x 18	50	32	25	400	510
58 25 00 65	**800298**	**40HD**	3/4	14 x 18	58	36	30*	650	737

Maximum continuous loads of ratchet insert tools are limited to:
735/5 and 735/10 - 100 N m, 735/20 - 300 N m, 735/40 - 400 N m.
Limits must not be exceeded when these insert tools are used with torque wrenches of larger capacity.

734 Square drive insert tools

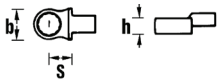


SW Code	Item Code	Size	■ "	mm	b mm	h mm	S mm	M N m	g
58 24 00 04	709075^	4	1/4	9x12	20	14	17.5	40	71
58 24 00 05	709077^	5	3/8	9x12	20	14	17.5	80	76
58 24 00 10	709073^	10	1/2	9x12	20	14	17.5	100	82
58 24 00 20	709074	20	1/2	14 x 18	27	18	25	300	203
58 24 00 40	709076	40	3/4	14 x 18	40	25	25	650	396

Caution: Maximum continuous loads of square drive insert tools are limited to: 734/4 - 40 N m, 734/5 - 80 N m, 734/10 - 100 N m, 734/20 - 300 N m, 734/40 - 650 N m.
Limits must not be exceeded when these insert tools are used with torque wrenches of larger capacity.

732/10 Ring insert tools

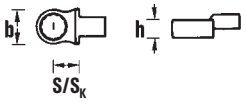
AS-drive
9x12



SW Code	Item Code	mm	mm	b mm	h mm	S mm	g
58 22 10 07	708981^	7	9x12	13	8	17.5	37
58 22 10 08	708982^	8	9x12	14.2	8	17.5	40
58 22 10 10	708969^	10	9x12	17.2	9	17.5	44
58 22 10 11	708970^	11	9x12	18.5	9	17.5	41
58 22 10 12	708971^	12	9x12	20.5	11	17.5	49
58 22 10 13	708972^	13	9x12	21.5	11	17.5	55
58 22 10 14	708973^	14	9x12	22.5	11	17.5	52
58 22 10 15	708974^	15	9x12	24.5	12	17.5	52
58 22 10 16	708975^	16	9x12	26	12	17.5	54
58 22 10 17	708976^	17	9x12	27	13	17.5	59
58 22 10 18	708977^	18	9x12	28	13	17.5	56
58 22 10 19	708978^	19	9x12	30.5	13	17.5	65
58 22 10 21	708979^	21	9x12	33	15	17.5	71
58 22 10 22	708980^	22	9x12	34.5	15	17.5	74

732/40 Ring insert tools

14 x 18

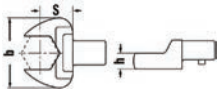


SW Code	Item Code	mm	mm	b mm	h mm	S mm	g
58 22 40 13	708983^	13	14 x 18	22.5	11	25	130
58 22 40 14	708984	14	14 x 18	23	11	25	123
58 22 40 15	708985^	15	14 x 18	24	11	25	128
58 22 40 16	708986^	16	14 x 18	25.5	12	25	133
58 22 40 17	708987	17	14 x 18	27	12	25	135
58 22 40 18	708988	18	14 x 18	29	13	25	134
58 22 40 19	708989	19	14 x 18	30.5	13	25	138
58 22 40 21	708990^	21	14 x 18	33	15	25	144
58 22 40 22	708991	22	14 x 18	34.5	15	25	145
58 22 40 24	708992	24	14 x 18	37.5	15	25	153
58 22 40 27	708993^	27	14 x 18	42.5	17	25	162
58 22 40 28	708994^	28	14 x 18	45.5	19	25	175
58 22 40 30	708995	30	14 x 18	46	19	25	182
58 22 40 32	708996	32	14 x 18	47.5	19	25	181
58 22 40 34	708997^	34	14 x 18	52	19	28*	210
58 22 40 36	708998	36	14 x 18	54	19	28*	203
58 22 40 41	708999^	41	14 x 18	60	20	30*	240

* Caution! Modified settings on torque wrench

731/10 Open ended insert tools

AS-drive
9 x 12 mm

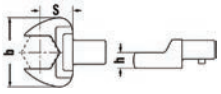


SW Code	Item Code	mm	mm	b mm	h mm	S mm	g
58 21 10 07	708917^	7	9x12	22	5	17.5	40
58 21 10 08	708918^	8	9x12	22	5	17.5	39
58 21 10 09	708919^	9	9x12	26	5.5	17.5	38
58 21 10 10	708907^	10	9x12	26	5.5	17.5	42
58 21 10 11	708908^	11	9x12	26	5.5	17.5	41
58 21 10 12	708909^	12 [1]	9x12	30	7	17.5	43
58 21 10 13	708910^	13	9x12	30	7	17.5	48
58 21 10 14	708911^	14	9x12	35	8	17.5	52
58 21 10 15	708912^	15	9x12	35	8	17.5	51
58 21 10 16	708913^	16	9x12	38	8.5	17.5	58
58 21 10 17	708914^	17	9x12	38	8.5	17.5	60
58 21 10 18	708915^	18	9x12	42	9	20*	71
58 21 10 19	708916^	19	9x12	42	9	20*	74

[1]) For flare nuts of hydraulic pipes on French vehicles

731/40 Open ended insert tools

AS-drive
14 x 18

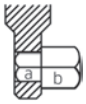


SW Code	Item Code	mm	mm	b mm	h mm	S mm	g
58 21 40 13	708920^	13	14 x 18	30	7	25	128
58 21 40 14	708921^	14	14 x 18	35	8	25	129
58 21 40 15	708922^	15	14 x 18	35	8	25	132
58 21 40 16	708923^	16	14 x 18	38	9	25	140
58 21 40 17	708924^	17	14 x 18	38	9	25	136
58 21 40 18	708925^	18	14 x 18	42	10	25	147
58 21 40 19	708926^	19	14 x 18	42	10	25	145
58 21 40 21	708927^	21	14 x 18	50	11	25	171
58 21 40 22	708928^	22	14 x 18	50	11	25	165
58 21 40 24	708929^	24	14 x 18	53	12	25	167
58 21 40 25	708930^	25	14 x 18	53	12	25	170
58 21 40 27	708931^	27	14 x 18	60	13	30*	219
58 21 40 30	708932	30	14 x 18	66	14	30*	245
58 21 40 32	708933	32	14 x 18	66	14	32.5*	246
58 21 40 34	708934^	34	14 x 18	66	14	32.5*	239
58 21 40 36	708935	36	14 x 18	74	15	32.5*	275
58 21 40 38	708936^	38	14 x 18	74	15	32.5*	265
58 21 40 41	708937^	41	14 x 18	82	15	36.5*	307

* Caution! Modified settings on torque wrench

70V Square drive units

for torque wrenches and insert tools.

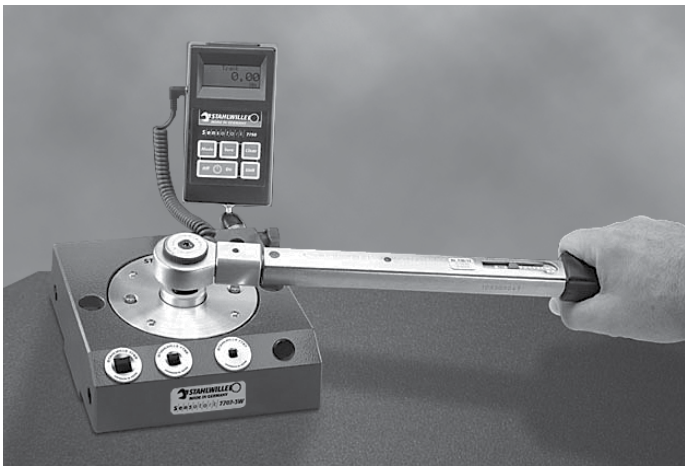


SW Code	Item Code	Size	For No.	a "	b "	L mm	g	
59 01 00 11	707905^	502 1/2	720/30; 734/20	1/2	1/2	33.5	39	5

^ = non stocked line

Sensotork® 7707 W
Workshop testers

Benefits at a glance:
- transducers can be individually recalibrated, your torque tester stays on site
- compact, can be used as a mobile laboratory (power supply is via the USB connection)
- the readings can be evaluated and digitalised inside the transducer (no external interference from a data cable)
- effect of lateral forces con-siderably reduced thanks to low-profile construction
- many operating modes
- automatic transducer detection
- wide range of application (-20°C to 60°C).
- acoustic overload warning
- clockwise and anticlock-wise use
- broad measuring range (0.9 %-100 % of rated value)
- display deviation value up to ± 0.25 % of reading
- meets DIN 51309, Class 2, with works calibration certificate
- traceable to national standards
- solid aluminium mounting block incl. attachment for horizontal and vertical testing



1 Displays and controls: This highly user-friendly unit can display both the preset torque value and the actual torque applied at the same time. The unit can be positioned the way it suits you best – especially convenient where the measuring axis is horizontal or if you are using the tripod supplied, which includes the cable (1.5 m).

2 Quick Release
Rapid change and firm locking of the transducers thanks to the QuickRelease safety lock.

3 Interchangeable square drive adapters:
A set of interchangeable square drive adapters are conveniently stored in the mounting block for a range of different drive sizes.

4 Intelligent transducers:
The readings are fully evaluated and digitalised inside the transducer using special, integrated circuitry. As an alternative to the display unit, you can use a PC and connect the unit via a USB cable, which also allows you to perform and organise measurements and generate a calibration certificate directly.

5 Interchangeable transducers:
The measuring range of the torque tester can be extended flexibly simply by changing the transducer for one with a different range.

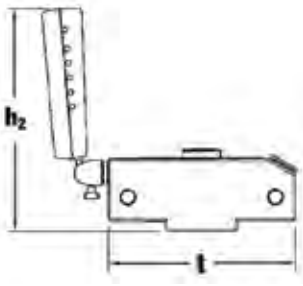
Electronic Torque Tester for torque wrenches Sensotork 7707 W

Compact workshop-based torque tester for easy adaptation by replacement of the transducers.
High degree of accuracy (from 20-100 % of the rated value ± 0.25 % display deviation from actual measured value, up to 20 % of rated value ± 1 %) thanks to flat transducer and conversion and digitalisation of readings within the transducer.
High degree of safety through display showing actual torque read-off where clicking torque wrenches are used.

7707 W Workshop torque tester Sensotork

Electronic workshop torque tester for torque wrenches, consisting of:
- transducer (registered design)
- holder
- display unit (registered design)
- tripod for display unit (with 1.5 m cable)
- spiral cable
- mains adaptor (220 V) or direct connection to 12 V in-car supply is possible
- square drive adaptor (No-7707-2W, No-7707-3W)
- kit for attaching the unit to a workbench or wall in a horizontal or vertical testing position

for clockwise and anticlockwise use. The easily interchangeable transducers are attached to the holder by means of a QuickRelease safety lock. Low lateral forces thanks to low-profile transducers, automatic detection of the transducer, flexible and user friendly because the unit can be used horizontally or vertically and the display unit can be placed in many positions, additional tripod with 1.5 m cable for mounting the display unit to facilitate visual monitoring when using longer torque wrenches, especially broad measuring range from 2% to 100% of rated value (< 1% at 1100 N m). Readings can be transferred to PC via the USB cable (no separate power supply needed, power comes from PC). While individual transducers are being recalibrated, the torque tester itself remains on-site for further use. Wide range of application (-20°C to +60°C). Meets DIN 51309, Class 2. With works certificate in accordance with DIN EN 10204. Supplied in sturdy plastic case.



SW Code	Item Code	Size	Capacity N m	Capacity ft.lb	Capacity in.lb	▢ "	b mm	h_1 mm	h_2 mm	t mm	⚖ g	⚖ g with box
96 52 10 80	**709166^**	**7707-1W**	0.4 – 20	0.3 - 15	3.5 - 177	1/4	180	79	215	180	6255	9500
96 52 10 72	**709169^**	**7707-2W [1]**	2 – 100	1.5 - 74	18 - 885	3/8	180	79	215	180	7025	10300
96 52 10 83	**709167^**	**7707-2-1W [2]**	4 – 200	3 - 148	35 - 1770	1/2	180	79	215	180	7511	10975
96 52 10 84	**709168^**	**7707-2-2W [3]**	8 – 400	6 - 295	71 - 3540	3/4	180	79	215	180	7654	11100
96 52 10 82	**709170^**	**7707-3W [3]**	25 – 1100	18 - 812	221 - 9736	3/4	180	79	215	180	7495	11000

[1]) with square drive adaptor No-409M (1/4" ▢ x 3/8" ■)
[2]) with square drive adaptors No-7789-4 (1/4" ▢ x 1/2" ■), No-7789-5 (3/8" ▢ x 1/2" ■)
[3]) with square drive adaptors No-7787 (1/4" ▢ x 3/4" ■), No-7788 (3/8" ▢ x 3/4" ■), No-7789 (1/2" ▢ x 3/4" ■)

Accessories for workshop torque tester

7721-7723 Transducers

registered design, high degree of accuracy thanks to conversion and digitalisation of readings within the transducer itself. Not susceptible to lateral forces due to low-profile construction.
Within the range of 20-100 % of rated value ± 0.25 % display deviation value from actual torque reading, up to 20 % of rated value, ± 1 %.
Can also be used as part of a calibration system.

SW Code	Item Code	No.	Capacity N m	○ "	⚖ g
52 10 00 26	**709172^**	7721-1	0.4 – 20	1/4	1735
52 10 00 22	**709173^**	7722	2 – 100	3/8	2486
52 10 10 23	**709174^**	7723-1	4 – 200	1/2	2983
52 10 20 23	**709175^**	7723-2	8 – 400	3/4	3134
52 10 00 28	**709176^**	7723-3	25 – 1100	3/4	2998
52 10 00 29	**709177^**	7724-1	150 – 3000	1 1/2	10500

7751 Jack cable

Connection between transducer and USB adaptor or display unit.

SW Code	Item Code	L m	⚖ g
52 11 00 51	**900013^**	1.5	50

409M Square drive adaptor

1/4" socket x 3/8" plug (6.3 x 10-mm).

SW Code	Item Code	L mm	⌀ N m	⚖ g
11 03 00 10	**706935**	13	25	14

7787 Square drive adaptor

1/4" socket x 3/4" plug (6.3 x 20-mm).

SW Code	Item Code	L mm	⌀ mm	⚖ g
58 52 10 87	**709199^**	15.5	29	41

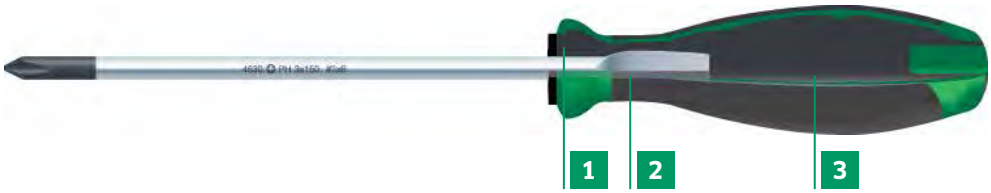
Great freedom of choice – DRALL+ screwdrivers

A new challenge every day, a new tool every day to meet that challenge. The DRALL+ series was developed for professionals faced with new challenges on a daily basis. Development focussed on three crucial user requirements: durability and reliability, safety in use, pleasant to handle. These requirements are met in full by DRALL+ screwdrivers – in fact, they feel so natural, you will hardly notice them.

The profiles
DRALL+ is available for the following screwhead profiles:

- Slotted
- PH cross-head
- PZ cross-head
- TORX®
- TORX® Tamper Resistant with a central bore
- Hex with a ball-end
- TORQ-SET®

4 handle sizes
The handle sizes for the DRALL+ screwdrivers are designed specifically to match the drive profiles.



1 The hand-stop helps stop injuries – Flange-like design. Supports your hand in the direction of the blade to prevent it slipping off the handle. Features integrated anti-roll shape.

2 The multifunctional section – The lower end of the handle is deliberately made extra-long. This enables the thumb and index finger to wrap around more easily and spin the screwdriver.

3 The transmission zone – The rounded cross-section in the central area combines maximum grip and easy turning.

4 The elastic handle components – The soft rubber textured thermoplastic elastomer (TPE) fits snugly in the hand. These sections are injection moulded around the hard core and bonded to it inseparably.

5 The firm handle components – The green zones are made of high-grade, impact-safe polypropylene (PP). The tang is anchored in the core to allow force to be transferred through it.

6 Impact-resistant cap – For use under extreme conditions, the DRALL+ is also available with a one-piece shaft, an impact head and a metal impact cap.

VDE insulated screwdrivers: High-grade materials and durability testing guarantee absolute safety when working on AC systems up to 1000 V (effective voltage) or 1500 V DC.

The power is where you put it with the 3K DRALL® screwdriver series

The efficiency with which you use a screwdriver in your daily work, and the safety with which you work, depend to a large extent on the quality of the tool. It is not just the use of high-grade materials but also the shape that matters – in particular the shape of the handles – if you want to stay in control. STAHLWILLE's 3K DRALL® screwdrivers unite these positive qualities in a manner which is close to perfect. The result is a longlife, ergonomically designed tool providing easy working combined with maximum force transmission – even with greasy hands.

3K DRALL® screwdrivers are available in sets conveniently positioned in plastic inlays or TCS safety inlays, designed for use with STAHLWILLE Tool Trolleys and Tool Boxes.

1 3K DRALL® handles are made up of 3 components:
1st component – Extremely resistant, impact-safe core made of black polypropylene (PP).

2 2nd component – Soft, heat-bonded inlay made of easy-to-grip thermoplastic elastomer (TPE).

3 3rd component – Two large surfaces coated with special fibres, resistant long-term to solvents to improve force transmission and work safety.

4 Additional Tommy-bar hole – When things get really tough, the additional Tommy-bar hole will cope with a fair amount of torque.

Blades – Made of high-grade Chrome Alloy Steel. Through-hardened. Anchored firmly in the shaft due to the extra-wide, forged tang. High resistance to bending.

Tips – Black, extremely tough, retain their shape. Whether you use the straight-bladed or Phillips type – the crosshatched blade tips will accurately transmit maximum force to the screw head.

4891 3K DRALL® set of screwdrivers

Set of six 3K DRALL® screwdrivers.
Content:
⊖ 4820: 0.6 x 3.5 x 75-mm
0.8 x 4 x 100-mm
1 x 5.5 x 125-mm
1.2 x 6.5 x 150-mm
⊕ 4830: size 1; size 2

SW Code	Item Code	g	
96 48 91 10	**707757**	530	1

4892 3K DRALL® set of screwdrivers

Set of eight 3K DRALL® screwdrivers.
Content:
⊖ 4820: 0.6 x 3.5 x 75 mm
0.8 x 4 x 100 mm
1 x 5.5 x 125 mm
1.2 x 6.5 x 150 mm
1.6 x 8 x 175 mm
⊕ 4830: size 1; size 2; size 3

SW Code	Item Code	g	
96 48 92 10	**707758**	745	1

4899 3K DRALL set of TORX® screwdrivers

Set of nine 3K DRALL® screwdrivers for TORX® screws (TORX® TAMPER RESISTANT).
Content:
4856: T8, T9; T10; T15; T20; T25; T27; T30; T40
(with hollow point)

SW Code	Item Code	g	
96 48 99 10	**707759**	513	1

TCS 4820/4830 3K DRALL® set of screwdrivers

Set of seven 3K DRALL® screwdrivers, in TCS inlay
Content:
⊖ 4820: 0.6 x 3.5 x 75-mm
0.8 x 4 x 100-mm
1 x 5.5 x 125-mm
1.2 x 6.5 x 150-mm
⊕ 4830: size 1; size 2; size 3

SW Code	Item Code	g	
96 83 81 84	**707735^**	555	1

4820 ⊖ 3K DRALL workshop screwdrivers

DIN 5265, ISO 2380, Chrome Alloy Steel,
matt chrome plated, black tips.

SW Code	Item Code	a mm	b mm	L_1 mm	L_2 mm	g	
48 20 10 35	**707727**	0.6	3.5	75	170	23	10
48 20 10 40	**707728**	0.8	4	100	195	32	10
48 20 20 55	**707729**	1	5.5	125	220	58	10
48 20 10 65	**707730**	1.2	6.5	150	265	100	10
48 20 10 80	**707731**	1.6	8	175	290	118	10
48 20 11 00	**707732**	1.6	10	200	315	158	5
48 20 21 00	**707733**	2	12	250	375	218	5

4830 ⊕ 3K DRALL cross-head screwdrivers

Phillips-Recess®,
DIN 5262, ISO 8764,
Chrome Alloy Steel,
matt chrome plated, black tips.

SW Code	Item Code	PH size	L_1 mm	L_2 mm	g	
48 30 10 00	**707736**	0	60	155	28	10
48 30 10 01	**707737**	1	80	175	33	10
48 30 10 02	**707738**	2	100	215	70	10
48 30 10 03	**707739**	3	150	275	126	5
48 30 10 04	**707740**	4	200	325	251	5

4840 ⊕ 3K DRALL cross-head screwdrivers

POZIDRIV/SUPADRIV®
DIN 5262, ISO 8764,
Chrome Alloy Steel,
matt chrome plated, black tips.

SW Code	Item Code	PZ size	L_1 mm	L_2 mm	g	
48 40 10 01	**707742**	1	80	175	33	10
48 40 10 02	**707743**	2	100	215	70	10

4856 3K DRALL TORX® screwdrivers

with hollow point
(TORX® TAMPER RESISTANT),
Chrome Alloy Steel,
matt chrome plated, black tips.

SW Code	Item Code	size	mm	L_1 mm	L_2 mm	g	
48 56 00 06	**707753^**	T6*	1.6	50	145	45	5
48 56 00 07	**707754^**	T7	2.0	50	145	37	5
48 56 00 08	**707755^**	T8	2.3	60	155	50	5
48 56 00 09	**707756^**	T9	2.5	60	155	50	5
48 56 00 10	**707745^**	T10	2.7	80	175	26	5
48 56 00 15	**707746^**	T15	3.3	80	175	52	5
48 56 00 20	**707747^**	T20	3.8	100	215	32	5
48 56 00 25	**707748^**	T25	4.4	100	215	55	5
48 56 00 27	**707749^**	T27	5.0	115	230	58	5
48 56 00 30	**707750^**	T30	5.5	115	230	63	5
48 56 00 40	**707751^**	T40	6.6	115	240	86	5

* without hollow point

4691 DRALL+ set of Screwdrivers

Set of seven DRALL+ screwdrivers.
Content:
⊖ 4620: size 1 (0.6 x 3.5 x 75mm)
size 2 (0.8 x 4.0 x 100mm)
size 3 (1.0 x 5.5 x 125mm)
size 4 (1.2 x 6.5 x 150mm)
⊖ 4628: size 1 (0.4 x 2.5 x 60mm)
⊕ 4630: size 1; size 2

SW Code	Item Code	g	
96 46 91 10	**707573**	610	1

4692 DRALL+ set of Screwdrivers

Set of eight DRALL+ screwdrivers.
Content:
⊖ 4620: size 1 (0.6 x 3.5 x 75mm)
size 2 (0.8 x 4.0 x 100mm)
size 3 (1.0 x 5.5 x 125mm)
size 4 (1.2 x 6.5 x 150mm)
size 5 (1.6 x 8.0 x 175mm)
⊕ 4630: size 1; size 2; size 3

SW Code	Item Code	g	
96 46 92 10	**707574**	870	1

4693 DRALL+ set of Hex Screwdrivers

Set of nine DRALL+ screwdrivers.
Content:
⊖ 4622: size 1 (1.0 x 5.5 x 100mm)
size 2 (1.2 x 6.5 x 125mm)
size 3 (1.2 x 8.0 x 150mm)
size 4 (1.6 x 10.0 x 175mm)
⊖ 4628: size 1 (0.4 x 2.5 x 60mm)
⊕ 4632: size 1; size 2
⊖ 4724: size 2 (1.0 x 5.5 x 25mm)
⊕ 4734: size 2

SW Code	Item Code	g	
96 46 93 10	**707575**	950	1

4694 DRALL+ set of TORX® screwdrivers

Set of nine DRALL+ screwdrivers for TORX® screws.
Content:
✪ 4650: T8, T9, T10, T15, T20, T25, T27, T30, T40

SW Code	Item Code	g	
96 46 94 10	**707576**	730	1

4697 ✪ DRALL+ set of screwdrivers

Set of eight DRALL+ screwdrivers
Content:
⊖ 4620: size 1 (0.6 x 3.5 x 75mm)
size 2 (0.8 x 4.0 x 100mm)
⊖ 4622: size 1 (1.0 x 5.5 x 100mm)
size 2 (1.2 x 6.5 x 125mm)
size 3 (1.2 x 8.0 x 150mm)
⊕ 4730: size 1
⊕ 4732: size 2, size 3

SW Code	Item Code	g	
96 46 97 10	**707579**	930	1

4699 ✪ DRALL+ set of TORX® Screwdrivers

Set of nine DRALL+ screwdrivers for TORX® screws (TORX® TAMPER RESISTANT).
Content:
✪ 4656: T8, T9 T10, T15, T20, T27, T30, T40 (with hollow point)

SW Code	Item Code	g	
96 46 99 10	**707580^**	740	1

4620 ⊖ Workshop screwdrivers DRALL+

DIN ISO 2380 -1, -2, DIN 5264, ISO 2380-1, -2, Chrome Alloy Steel, chrome plated, black tips.

SW Code	Item Code	Size	a mm	b mm	L_1 mm	L_2 mm	g	
46 20 10 35	**707471**	**1**	0.6	3.5	75	160	37	10
46 20 10 40	**707472**	**2**	0.8	4	100	185	40	10
46 20 10 55	**707473**	**3**	1	5.5	125	240	79	10
46 20 10 65	**707474**	**4**	1.2	6.5	150	265	100	10
46 20 10 80	**707476**	**5**	1.6	8	175	300	136	10
46 20 11 00	**707475**	**6**	1.6	10	200	325	163	5
46 20 11 20	**707477**	**7**	2	12	250	375	215	5

4622 ⊖ Workshop screwdrivers DRALL+

DIN ISO 2380-1, -2, DIN 5264, ISO 2380-1, -2, with hexagon, Chrome Alloy Steel, chrome plated, black tips.

SW Code	Item Code	Size	a mm	b mm	L_1 mm	L_2 mm	g	
46 22 10 55	**707489**	**1**	1	5.5	100	215	85	10
46 22 10 65	**707490**	**2**	1.2	6.5	125	240	100	10
46 22 10 80	**707491**	**3**	1.2	8	150	275	159	10
46 22 11 00	**707492**	**4**	1.6	10	175	300	174	10
46 22 11 20	**707493**	**5**	2	12	200	325	310	5
46 22 11 40	**707494^**	**6**	2.5	14	250	375	331	5

4724 ⊖ Carburettor screwdrivers DRALL

DIN 5265, ISO 2380, stubby, Chrome Alloy Steel, chrome plated, black tips.

SW Code	Item Code	Size	a mm	b mm	L_1 mm	L_2 mm	g	
47 24 10 45	**707622^**	**1**	0.6	3.5	25	80	34	10
47 24 10 60	**707623**	**2**	1	5.5	25	80	32	10
47 24 10 80	**707624**	**3**	1.2	8	25	80	39	10

4628 ⊖ Electricians screwdrivers DRALL+

DIN ISO 2380 -1, -2, DIN 5264, ISO 2380-1, -2, Chrome Alloy Steel, chrome plated, black tips.

SW Code	Item Code	Size	a mm	b mm	L_1 mm	L_2 mm	g	
46 28 10 25	**707496**	**1**	0.4	2.5	60	145	38	10
46 28 10 35	**707498**	**2**	0.6	3.5	75	160	40	10
46 28 20 35	**707497**	**3**	0.6	3.5	100	185	41	10
46 28 10 40	**707499**	**4**	0.8	4.0	125	210	46	10
46 28 10 55	**707500**	**5**	1	5.5	150	265	92	10
46 28 20 55	**707501^**	**6**	1	5.5	200	315	102	10

4630 ⊕ Cross-head screwdrivers DRALL+

Phillips-Recess®, DIN ISO 8764-1, -2, ISOO 8764-1, -2, Chrome Alloy Steel, chrome plated, black tips.

SW Code	Item Code	PH Size	L_1 mm	L_2 mm	g	
46 30 10 00	**707502**	**0**	60	145	35	10
46 30 10 01	**707503**	**1**	80	185	44	10
46 30 10 02	**707504**	**2**	100	215	90	10
46 30 10 03	**707505**	**3**	150	275	146	10

4631 ⊕ Cross-head screwdrivers DRALL+

Phillips-Recess®, extra long, DIN ISO 8764-1, -2, ISO 8764-1, -2, Chrome Alloy Steel, chrome plated, black tips.

SW Code	Item Code	PH Size	L_1 mm	L_2 mm	g	
46 31 10 01	**707506**	**1**	250	355	110	1
46 31 10 02	**707507**	**2**	250	365	122	1

4632 ⊕ Cross-head screwdrivers DRALL+

with hexagon, Phillips-Recess®, DIN ISO 8764-1, -2, ISO 8764-1, -2, Chrome Alloy Steel, chrome plated, black tips.

SW Code	Item Code	PH Size	L_1 mm	L_2 mm	g	
46 32 10 01	**707508**	**1**	80	185	45	10
46 32 10 02	**707509**	**2**	100	215	100	10
46 32 10 03	**707510**	**3**	150	275	170	5
46 32 10 04	**707511**	**4**	200	325	237	5

4734 ⊕ Cross-head screwdrivers DRALL

Phillips-Recess®, DIN ISO 8764-1, -2, ISO 8764-1, -2, stubby, Chrome Alloy Steel, chrome plated, black tips.

SW Code	Item Code	PH Size	L_1 mm	L_2 mm	g	
47 34 10 01	**707636^**	**1**	25	80	27	10
47 34 10 02	**707637**	**2**	25	80	31	10

4640 ⊕ Cross-head screwdrivers DRALL+

POZIDRIV/SUPADRIV®, DIN ISO 8764-1, -2, ISO 8764-1, -2, Chrome Alloy Steel, chrome plated, black tips.

SW Code	Item Code	PZ Size	L_1 mm	L_2 mm	g	
46 40 10 00	**707518^**	**0**	60	145	35	10
46 40 10 01	**707519**	**1**	80	185	44	10
46 40 10 02	**707520**	**2**	100	215	89	10
46 40 10 03	**707521^**	**3**	150	275	145	5

4650 TORX® screwdrivers DRALL+

for inside TORX® screws, Chrome Alloy Steel, chrome plated, black tips.

SW Code	Item Code	Size	mm	L_1 mm	L_2 mm	g	
46 50 10 06	**707523**	**T6**	1.6	60	145	35	5
46 50 10 07	**707524**	**T7**	2.0	60	145	35	5
46 50 10 08	**707525**	**T8**	2.3	60	145	35	5
46 50 10 09	**707526**	**T9**	2.5	60	145	35	5
46 50 10 10	**707527**	**T10**	2.7	80	165	40	5
46 50 10 15	**707528**	**T15**	3.3	80	165	38	5
46 50 10 20	**707522**	**T20**	3.8	100	205	46	5
46 50 10 25	**707529**	**T25**	4.4	100	205	50	5
46 50 10 27	**707530**	**T27**	5.0	115	230	90	5
46 50 10 30	**707531**	**T30**	5.5	115	230	90	5
46 50 10 40	**707532**	**T40**	6.6	115	240	131	5
46 50 10 45	**707533^**	**T45**	7.8	130	255	136	5

4650L TORX® screwdrivers DRALL+

for inside TORX® screws, extra long, Chrome Alloy Steel, chrome plated, black tips.

SW Code	Item Code	Size	mm	L_1 mm	L_2 mm	g	
46 50 11 15	**707534**	**T15**	3.3	250	355	52	5
46 50 11 20	**707535**	**T20**	3.8	250	355	64	5
46 50 11 25	**707536**	**T25**	4.4	250	355	66	5
46 50 11 30	**707537**	**T30**	5.5	250	365	122	5

Electronics Screwdrivers

4797 Electronics screwdrivers set

7 pieces
Content:
⊖ 4751:
size 4 (0.3 x 1.5 x 40-mm)
size 6 (0.4 x 2 x 60-mm)
size 7 (0.4 x 2.5 x 75-mm)
size 8 (0.5 x 3 x 75-mm)

⊕ 4752: size 00, size 0, size 1

SW Code	Item Code	g	
96 47 97 10	**707724**	285	1

VDE-insulated Screwdrivers

to DIN IEC 78 (CO) 11/VDE 0680 part 201/07.83 resp. IEC 900 1987
AC 1000 V
High quality materials and stringent tests guarantee safe use on "live" lines up to 1000 V or 1500 V DC. Individually tested at 10 000 V.

^ = non stocked line

4695 VDE Screwdriver set DRALL+

Set with 6 screwdrivers DRALL+, IEC 60900 C, safety insulated.
AC 1000 V
Content:
⊖ 4660 VDE:
size 1 (0.4 x 2.5 x 75-mm)
size 3 (0.6 x 3.5 x 100-mm)
size 5 (1 x 5.5 x 125-mm)
size 6 (1.2 x 6.5 x 150-mm)
⊕ 4665 VDE:
size 1, size 2

SW Code	Item Code	g	
96 46 95 10	**707577**	620	1

4660 VDE ⊖ Electricians screwdrivers DRALL+

IEC 60900 C, safety insulated, blade gunmetal finished, Chrome Alloy Steel.

SW Code	Item Code	Size	a mm	b mm	L_1 mm	L_2 mm	g	
46 60 10 25	**707559**	**1**	0.4	2.5	75	160	43	10
46 60 10 30	**707560**	**2**	0.5	3	100	185	39	10
46 60 10 35	**707561^**	**3**	0.6	3.5	100	205	42	10
46 60 10 40	**707562^**	**4**	0.8	4	100	205	46	10
46 60 10 55	**707563**	**5**	1	5.5	125	240	90	10
46 60 10 65	**707564^**	**6**	1.2	6.5	150	265	115	10
46 60 10 80	**707565^**	**7**	1.2	8	175	300	170	10

4665 VDE ⊕ Cross-head screwdrivers DRALL+

Phillips-Recess®, IEC 60900 C, safety insulated, blade gunmetal finished. Chrome Alloy Steel.

SW Code	Item Code	PH Size	L_1 mm	L_2 mm	g	
46 65 10 00	**707566^**	**0**	60	145	35	10
46 65 10 01	**707567^**	**1**	80	185	47	10
46 65 10 02	**707568^**	**2**	100	215	89	10
46 65 10 03	**707569^**	**3**	150	275	159	10

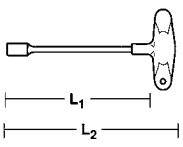
10554 ⊖ EURO voltage tester

built to conform to the new EN standard, tested to conform to the currently valid VDE GS standard, with plastic handle, AC 125 - 250 V.

SW Code	Item Code	a mm	b mm	L mm	g	
77 45 00 01	**705178^**	1	3.5	190	37	10

12507-2K T-handled nut spinners

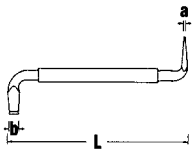
with 2-component T-handle, Chrome Vanadium, matt chrome plated.



SW Code	Item Code	mm	L_1 mm	L_2 mm	g	
43 23 20 60	**705816**	**6**	200	224	83	10
43 23 20 70	**705817**	**7**	200	234	133	10
43 23 20 80	**705818**	**8**	200	234	135	10
43 23 20 90	**705819**	**9**	200	234	137	10
43 23 21 00	**705809**	**10**	200	234	141	10
43 23 21 10	**705810**	**11**	200	240	169	5
43 23 21 20	**705811**	**12**	200	240	171	5
43 23 21 30	**705812**	**13**	200	240	176	5

10546 ⊖ Offset screwdrivers

DIN 5200, for slotted screws, centre handle covered with impact proof plastic, Chrome Vanadium, chrome plated.



SW Code	Item Code	Size	a mm	b mm	L mm	g	
73 27 20 01	**705165**	**1**	0.6	3.5	90	8	10
73 27 20 02	**705166**	**2**	0.8	4	100	12	10
73 27 20 03	**705167**	**3**	1	5.5	125	29	10
73 27 20 04	**705168**	**4**	1.2	8	150	69	10

10551 ⊕ Offset screwdrivers

DIN 5208, for recessed head screws, Phillips-Recess®, centre handle covered with impact proof plastic, Chrome Vanadium, chrome plated.

SW Code	Item Code	Size	L mm	g	
73 28 20 12	**705175**	**1 x 2**	125	30	10
73 28 20 23	**705176**	**2 x 3**	150	72	10

Hexagon key wrenches

in holder, DIN ISO 2936 (metric), for socket head screws, Chrome Vanadium, nickel plated.

SW Code	Item Code	No.	g	
96 43 15 01	**705333**	**10760CV/9 [1]**	245	1
96 43 55 01	**705304**	**10760aCV/10Pc [2]**	269	1
96 43 55 02	**705305**	**10760aCV/13 [3]**	124	1

[1]) Content: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10mm
[2]) Content: 1/16; 5/64; 3/32; 1/8; 5/32; 3/16; 7/32; 1/4; 5/16; 3/8" (in plastic-wallet)
[3]) Content (in two holders): 0.028; 0.035; 0.050; 1/16; 5/64; 3/32; 7/64; 1/8; 9/64; 5/32; 3/16; 7/32; 1/4"

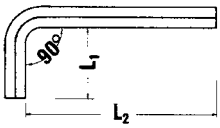
10765/9 Hexagon key wrenches

for socket head screws, DIN ISO 2936, extra long, in holder, Chrome Vanadium, nickel plated.
Content: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10-mm

SW Code	Item Code	g	
96 43 21 01	**705354^**	410	5

10760CV Hexagon key wrenches

DIN ISO 2936 (metric), for socket head screws,
Chrome Vanadium, nickel plated (sizes 0.7; 0.9; 1.3mm, gunmetal finish)



SW Code	Item Code	mm/"	L_1 mm	L_2 mm	g	
43 15 00 70	**705306^**	**0.7/0.028**	8	32	1	10
43 15 00 90	**705307^**	**0.9/0.035**	10	32	1	10
43 15 01 30	**705308^**	**1.3/0.050**	12	40	1	10
43 15 01 50	**705309^**	**1.5**	14	45	1	10
43 15 00 02	**705316^**	**2**	16	50	2	10
43 15 02 50	**705317^**	**2.5**	18	56	3	10
43 15 00 03	**705321^**	**3**	20	63	4	10
43 15 03 50	**705322^**	**3.5**	22	66	7	10
43 15 00 04	**705326^**	**4**	25	70	10	10
43 15 00 05	**705327^**	**5**	28	80	18	10
43 15 00 06	**705328^**	**6**	32	90	29	10
43 15 00 07	**705329^**	**7**	34	95	42	10
43 15 00 08	**705330^**	**8**	36	100	59	10
43 15 00 09	**705331**	**9**	38	105	80	10
43 15 00 10	**705310^**	**10**	40	112	103	10
43 15 00 11	**705311^**	**11**	42	119	130	10
43 15 00 12	**705312^**	**12**	45	125	169	5
43 15 00 14	**705313^**	**14**	56	140	261	5
43 15 00 17	**705314^**	**17**	63	160	442	5
43 15 00 19	**705315^**	**19**	70	180	603	5
43 15 00 22	**705318^**	**22**	80	200	938	1
43 15 00 24	**705319^**	**24**	90	224	1248	1
43 15 00 27	**705320^**	**27**	100	250	1692	1
43 15 00 30	**705323^**	**30**	112	280	2434	1
43 15 00 32	**705324^**	**32**	125	315	3117	1
43 15 00 36	**705325^**	**36**	140	355	4430	1

Ball ended hexagon key wrenches

in holder,
Chrome Vanadium,
gunmetal finish.

SW Code	Item Code	No.	g	
96 43 26 01	**705389**	**10767/9 [1])**	420	5
96 43 57 01	**705405^**	**10767a/8 [2])**	283	1
96 43 57 02	**705404**	**10767a/13 [3])**	455	1

[1]) Content: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10mm
[2]) Content: 5/64; 3/32; 1/8; 5/32; 3/16; 7/32; 1/4; 5/16"
[3]) Content: 0.050; 1/16; 5/64; 3/32; 7/64; 1/8; 9/64; 5/32; 3/16; 7/32; 1/4; 5/16; 3/8"

10767 Ball ended hexagon key wrenches

for hexagon socket head screws,
with ball end on long arm,
swivel angle up to 25° each side,
Chrome Vanadium, gunmetal finish.

SW Code	Item Code	mm/"	L_1 mm	L_2 mm	g	
43 57 01 30	**705391^**	**1.3/0.050**	12	72	1	10
43 26 00 15	**705373^**	**1.5**	14	90	1.5	10
43 26 00 02	**705375^**	**2**	16	100	3	10
43 26 00 25	**705376^**	**2.5**	18	112	5.5	10
43 26 00 03	**705377^**	**3**	20	126	9	10
43 26 00 04	**705378^**	**4**	25	140	18	10
43 26 00 05	**705379^**	**5**	28	160	31	10
43 26 00 06	**705380^**	**6**	32	180	50	10
43 26 00 08	**705381^**	**8**	36	200	100	10
43 26 00 10	**705374^**	**10**	40	224	188	10
43 26 00 12	**705390^**	**12**	45	224	297	10

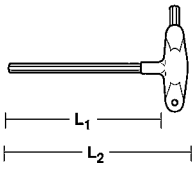
10767H/9 Set: Ball ended hexagon key wrenches

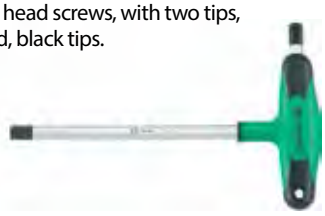
for recessed hexagonal screws,
swivel angle up to 25° each side,
from size 3-mm with ring,
with ball end on long arm facilitates quick, safe work in awkward places, screws stay on the head once attached, in holder, Chrome Vanadium, gunmetal finish.
Content: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10-mm

SW Code	Item Code	g	
96 43 26 02	**705388**	401	5

10768-2K Hexagon key wrenches

with 2-component T-handle, for socket head screws, with two tips,
Chrome Vanadium, matt chrome plated, black tips.





SW Code	Item Code	mm	L_1 mm	L_2 mm	g	
43 25 20 20	**705411**	**2**	100	125	33	10
43 25 20 25	**705412**	**2.5**	100	125	42	10
43 25 20 30	**705413**	**3**	150	174	42	10
43 25 20 40	**705414**	**4**	150	176	51	10
43 25 20 50	**705415**	**5**	200	227	73	10
43 25 20 60	**705416^**	**6**	200	228	92	10
43 25 20 80	**705417**	**8**	200	235	178	5
43 25 21 00	**705410**	**10**	200	235	247	5

10768 T-handled screwdrivers

for socket head screws, Chrome Vanadium, matt chrome plated, black tips.

SW Code	Item Code	mm	L_1 mm	L_2 mm	g	
43 25 00 20	**705408^**	**2**	100	116	10	10
43 25 00 25	**705409^**	**2.5**	100	116	10	10
43 25 00 30	**705418^**	**3**	150	166	20	10
43 25 00 40	**705419^**	**4**	150	175	40	10
43 25 00 50	**705420^**	**5**	200	225	60	10
43 25 00 60	**705421^**	**6**	200	225	80	10
43 25 00 80	**705422^**	**8**	200	235	150	5
43 25 01 00	**705407^**	**10**	200	235	210	5

10769 TORX® T-handled screwdrivers

for inside TORX® screws, shaft nickel plated and chrome plated, tips hardened, Chrome Vanadium, matt chrome plated, black tips.

SW Code	Item Code	Size	mm	L_1 mm	L_2 mm	g	
43 29 00 08	**705433**	**T8**	2.3	80	96	10	5
43 29 00 09	**705434**	**T9**	2.5	80	96	10	5
43 29 00 10	**705423**	**T10**	2.7	100	116	10	5
43 29 00 15	**705424**	**T15**	3.3	100	116	20	10
43 29 00 20	**705425**	**T20**	3.8	100	125	30	10
43 29 00 25	**705426**	**T25**	4.4	110	135	40	10
43 29 00 27	**705427**	**T27**	5	110	135	50	10
43 29 00 30	**705428**	**T30**	5.5	130	155	60	10
43 29 00 40	**705429**	**T40**	6.6	130	165	100	10
43 29 00 45	**705430**	**T45**	7.8	130	165	120	10
43 29 00 50	**705431^**	**T50**	8.8	130	165	140	5

^ = non stocked line

Accurate. Strong. Dependable. STAHLWILLE pliers, cutters and wrenches

For accurate work and a powerful grip – with comfy-fit multi-component handles.
When you are working with pliers, your hand needs optimum support and protection in the places where the pressure exerted on the hand is felt most keenly – through ergonomic handle design. STAHLWILLE has integrated softer layers in these sections of the handles. In this way, they fulfil two important functions. They prevent the hand slipping off the handle and, at the same time, absorb the shock produced when hard wires are cut. Even with oily or greasy hands, the textured surface ensures you still have a good grip on things. The special plastic we have used is also resistant to aggressive fluids and, at the end of the lifecycle, can be properly disposed of, because it does not contain PVC.

1 Accurate gripping! By using high-grade materials and applying our sophisticated manufacturing techniques, we are able to achieve remarkable accurately shaped jaws.

2 Clean, effortless cutting! Thanks to specially hardened, high-precision cutters.

3 Strain-free working and longer tool lifetimes! Thanks to smooth-action lap-joints.

4 Prevents injuries! The anti-slip protection prevents your hands slipping off towards the jaws.

5 Longer tool lifetime and resistance to aggressive fluids! Thanks to impact-resistant, extremely hard-wearing special plastic.

6 No pinch marks and strain-free working! The ergonomically positioned softer layers improve force transmission.

6501 Combination Pliers

DIN ISO 5746,
precision cutter for all wires, incl. piano wire,
induction hardened cutting edges,
approx. 62 HRC, for long life.

6501 5 200

6501 6 200

SW Code	Item Code	L mm	Head	Handles	③	④	⑤	⑥	g
65 01 51 80	**708440**	**180**	chrome plated	multi-component handles with softer layers	2	1.8	12	16	235
65 01 52 00	**708441**	**200**	chrome plated	multi-component handles with softer layers	2.5	2	13	16	368
65 01 61 80	**708443**	**180**	polished	dip-coated with sure-grip surface	2	1.8	12	16	190
65 01 62 00	**708444^**	**200**	polished	dip-coated with sure-grip surface	2.5	2	13	16	263

③ cutting capacity in mm for hard wire
④ cutting capacity in mm for piano wire
⑤ cutting capacity in mm for cable
⑥ cutting capacity in mm^2 for cable

6529 Snipe Nose Pliers with Cutter

DIN ISO 5745, Form A (straight), half round, long tapering,
serrated jaws, with burner hole, precision cutting edges for soft and hard wires,
induction hardened cutting edges, approx. 60 HRC.

6529 5 200

6529 6 200

SW Code	Item Code	L mm	Head	Handles	L_3 mm	W mm	D mm	h mm	b mm	g
65 29 51 60	**708506^**	**160**	chrome plated	multi-component handles with softer layers	51	16	9	3	2.5	170
65 29 52 00	**708507**	**200**	chrome plated	multi-component handles with softer layers	73	17	9	3	2.5	220
65 29 61 60	**708509**	**160**	polished	dip-coated with sure-grip surface	51	16	9	3	2.5	148
65 29 62 00	**708510^**	**200**	polished	dip-coated with sure-grip surface	73	17	9	3	2.5	187

6530 Snipe Nose Pliers with Cutter (radio- or telephone pliers)

DIN ISO 5745, Form B, bent 45°, half round, long tapering,
serrated jaws, with burner hole, precision cutting edges for soft and hard wires,
induction hardened cutting edges, approx. 60 HRC.

6530 5 200

6530 6 200

SW Code	Item Code	L mm	Head	Handles	L_2 mm	L_3 mm	W mm	D mm	h mm	b mm	g
65 30 51 60	**708517^**	**160**	chrome plated	multi-component handles with softer layers	24	55	16	9	3	2.5	170
65 30 52 00	**708518^**	**200**	chrome plated	multi-component handles with softer layers	28	76	17	9	3.5	3	220
65 30 61 60	**708519^**	**160**	polished	dip-coated with sure-grip surface	24	55	16	9	3	2.5	146
65 30 62 00	**708520^**	**200**	polished	dip-coated with sure-grip surface	28	76	17	9	3.5	3	178

6534 Mechanics snipe nose pliers

Form A (straight), half round, long tapering, serrated jaws.

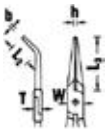
6534 5 280

SW Code	Item Code	L mm	Head	Handles	L_3 mm	W mm	D mm	h mm	b mm	g
65 34 52 80	**708543^**	**280**	chrome plated	dip-coated with sure-grip surface	73	20	9.5	3	2.5	255

6535 Mechanics snipe nose pliers

Form B (bent 45°), half round, long tapering, serrated jaws.

6535 5 280



SW Code	Item Code	L mm	Head	Handles	L_2 mm	L_3 mm	W mm	D mm	h mm	b mm	g
65 35 52 80	**708546^**	**280**	chrome plated	dip-coated with sure-grip surface	28	66	20	9.5	3	2.5	255

6600 Side cutters

DIN ISO 5749, Form B, precision cutting edges for all wires incl. piano wire, high quality alloy steel, bevelled cutting edges induction hardened, approx. 63 HRC.

6600 5 180

6600 6 180

SW Code	Item Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	④	g
66 00 51 60	**708674**	**160**	chrome plated	multi-component handles with softer layers	29.5	22.5	9.5	3	2.8	2	1.6	205
66 00 51 80	**708675**	**180**	chrome plated	multi-component handles with softer layers	32	23.5	11	3.8	3	2.5	2	325
66 00 61 60	**708679**	**160**	polished	dip-coated with sure-grip surface	29.5	22.5	9.5	3	2.8	2	1.6	165
66 00 61 80	**708680^**	**180**	polished	dip-coated with sure-grip surface	32	23.5	11	3.8	3	2.5	2	205

① cutting capacity in mm for soft wire
② cutting capacity in mm for medium hard wire
③ cutting capacity in mm for hard wire
④ cutting capacity in mm for piano wire

6602 Heavy Duty Side cutters

DIN ISO 5749, Form A, precision cutting edges for all wires incl. piano wire, high quality alloy steel, bevelled cutting edges induction hardened, approx. 63 HRC.

6602 5 250

6602 6 250

SW Code	Item Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	④	g
66 02 52 00	**708697^**	**200**	chrome plated	multi-component handles with softer layers	31	28	11.5	4	4	3	2.5	310
66 02 52 50	**708698^**	**250**	chrome plated	multi-component handles with softer layers	32	29.5	12	4	4	3.5	3	400
66 02 62 00	**708702^**	**200**	polished	dip-coated with sure-grip surface	31	28	11.5	4	4	3	2.5	260
66 02 62 50	**708703**	**250**	polished	dip-coated with sure-grip surface	32	29.5	12	4	4	3.5	3	375

① cutting capacity in mm for soft wire
② cutting capacity in mm for medium hard wire
③ cutting capacity in mm for hard wire
④ cutting capacity in mm for piano wire

6618 Top cutters, heavy duty

DIN ISO 5748, precision cutting edges for all wires, incl. piano wire, alloy steel of highest quality, induction hardened bevelled cutting edges, approx. 63 HRC.

6618 5 160

6618 6 160

SW Code	Item Code	L mm	Head	Handles	e mm	h mm	b_1 mm	b_2 mm	①	②	③	④	g
66 18 51 60	**708743^**	**160**	chrome plated	multi-component handles with softer layers	17	26	11.5	24	3.8	3	2.5	2	240
66 18 61 60	**708744^**	**160**	polished	dip-coated with sure-grip surface	17	26	11.5	24	3.8	3	2.5	2	225

① cutting capacity in mm for soft wire
② cutting capacity in mm for medium hard wire
③ cutting capacity in mm for hard wire
④ cutting capacity in mm for piano wire

6622 Wire stripping pliers

with adjustment screw to cut insulation only on wire or cable, max. 5 mm Ø10 mm² conductor cross-section.

6622 6 160

SW Code	Item Code	L mm	Head	Handles	g
66 22 61 60	**708755^**	**160**	polished	dip-coated with sure-grip surface	180

6551 Waterpump pliers

DIN ISO 8976 (No 207 c), box joint, 7 adjustment positions, anti-squeeze protection, Chrome Vanadium.

6551 6 300

SW Code	Item Code	L mm	Jaw Opening max mm	Head	Handles	g
65 51 62 40	**708606**	**240**	43	black lacquered, jaws polished	black lacquered, box frame polished, dip-coated	330
65 51 63 00	**708607^**	**300**	51	black lacquered, jaws polished	dip-coated with sure-grip surface	520

6563 Universal self grip wrenches

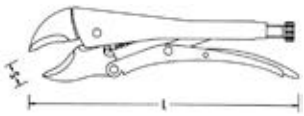
forged jaws (one straight, one contoured), quick release lever, Chrome Vanadium.

6563 2 250

SW Code	Item Code	L mm	S mm	Head	Handles	g
65 63 21 75	**708633^**	**175**	25	bright nickel-plated	bright nickel-plated	320
65 63 22 50	**708634^**	**250**	30	bright nickel-plated	bright nickel-plated	500

6564 Self grip wrenches

forged contoured jaws, quick release lever, wire cutter, Chrome Vanadium.



6564 2 300

SW Code	Item Code	L mm	S mm	Head	Handles	g
65 64 21 75	**708636^**	**175**	30	bright nickel-plated	bright nickel-plated	323
65 64 22 50	**708637^**	**250**	40	bright nickel-plated	bright nickel-plated	550
65 64 23 00	**708638**	**300**	65	bright nickel-plated	bright nickel-plated	977

6576N Connector pliers

replaceable plastic jaws, 4 adj. positions, for use on screw connections incl. Canon-connectors, or any light alloy or other tube connections, surfaces of which must not be damaged, Chrome Vanadium.

6576 5 231

SW Code	Item Code	L mm	Head	Handles	g
65 76 52 31	**708655**	**230**	chrome plated	dip-coated	288

6660 Steel fixers pincers

DIN ISO 9242, limit on opening angle to ensure single-handed closure (registered design), little effort required due to optimised cutter geometry, induction-hardened cutters provide excellent resistance to wear, special steel, drop-forged, oil hardened

6660 1 280

SW Code	Item Code	L mm	Head	Handles	g
66 60 12 50	**708773^**	**250**	polished	black lacquered	420
66 60 12 80	**708774^**	**280**	polished	black lacquered	434

6630 Cable shear

for copper and light alloy cables. Easy, single handed operation. Special cutting edges geometry to avoid pressure marks and frayed ends, adjustable joint, anti-squeeze protection, not suitable for steel or armoured cables.

6630 7 220

SW Code	Item Code	L mm	Head	Handles	⑦	⑧	⑨	g
66 30 72 20	**708765^**	**220**	chrome plated	dip-coated with sure-grip surface	16	35	70	332

⑦ cutting capacity in mm² for single wire Al-/Cu-Cable
⑧ cutting capacity in mm² for multiple wire Al-/Cu-Cable
⑨ cutting capacity in mm2 for thin wire Al-/Cu-Cable

6543 Circlip pliers for inside circlips

DIN 5256 C, straight, H.D. drop forged, precision points.

6543 6 004

SW Code	Item Code	Size	L mm	Tips Ø mm	For Circlip Sizes mm	Head	Handles	g
65 43 60 00	**708566^**	**J 0**	140	0.9	8-13	polished	dip-coated with sure-grip surface	100
65 43 60 01	**708567^**	**J 1**	140	1.3	12-25	polished	dip-coated with sure-grip surface	100
65 43 60 02	**708568^**	**J 2**	180	1.8	19-60	polished	dip-coated with sure-grip surface	150
65 43 60 03	**708569^**	**J 3**	225	2.3	40-100	polished	dip-coated with sure-grip surface	215
65 43 60 04	**708570^**	**J 4**	320	3.2	85-140	polished	dip-coated with sure-grip surface	462

6544 Circlip pliers for inside circlips

DIN 5256 D, bent 90°, H.D. drop forged, precision points.

6544 6 041

SW Code	Item Code	Size	L mm	Tips Ø mm	For Circlip Sizes mm	Head	Handles	g
65 44 60 01	**708578^**	**J 01**	130	0.9	8-13	polished	dip-coated with sure-grip surface	100
65 44 60 11	**708579^**	**J 11**	130	1.3	12-25	polished	dip-coated with sure-grip surface	100
65 44 60 21	**708580^**	**J 21**	170	1.8	19-60	polished	dip-coated with sure-grip surface	150
65 44 60 31	**708581^**	**J 31**	215	2.3	40-100	polished	dip-coated with sure-grip surface	215
65 44 60 41	**708582^**	**J 41**	300	3.2	85-140	polished	dip-coated with sure-grip surface	432

6545 Circlip pliers for outside circlips

DIN 5254 A, straight, H.D. drop forged, precision points, with wear resistant compression spring.

6545 6 004

SW Code	Item Code	Size	L mm	Tips Ø mm	For Circlip Sizes mm	Head	Handles	g
65 45 60 00	**708588^**	**A 0**	140	0.9	3-10	polished	dip-coated with sure-grip surface	105
65 45 60 01	**708589^**	**A 1**	140	1.3	10-25	polished	dip-coated with sure-grip surface	105
65 45 60 02	**708590^**	**A 2**	180	1.8	19-60	polished	dip-coated with sure-grip surface	160
65 45 60 03	**708591^**	**A 3**	210	2.3	40-100	polished	dip-coated with sure-grip surface	232
65 45 60 04	**708592^**	**A 4**	315	3.2	85-140	polished	dip-coated with sure-grip surface	491

6546 Circlip pliers for outside circlips

DIN 5254 B, bent 90°, H.D. drop forged, precision points, with wear resistant compression spring.

6546 6 041

SW Code	Item Code	Size	L mm	Tips Ø mm	For Circlip Sizes mm	Head	Handles	g
65 46 60 01	**708598^**	**A 01**	125	0.9	3-10	polished	dip-coated with sure-grip surface	105
65 46 60 11	**708599^**	**A 11**	125	1.3	10-25	polished	dip-coated with sure-grip surface	105
65 46 60 21	**708600^**	**A 21**	170	1.8	19-60	polished	dip-coated with sure-grip surface	160
65 46 60 31	**708601^**	**A 31**	200	2.3	40-100	polished	dip-coated with sure-grip surface	236
65 46 60 41	**708602^**	**A 41**	290	3.2	85-140	polished	dip-coated with sure-grip surface	468

6575 Wire twisting pliers

registered design, for wire locking of metal fasteners, with side cutter, serrated jaws for positive grip, jaws angled by 40°, suitable for locking wires up to Ø 1.6 mm (dec. in. 0.06), **for clockwise and anti-clockwise use**, with automatic return action, Chrome Vanadium.

6575 1 220

6575 1 280

SW Code	Item Code	L mm	Head	Handles	g
65 75 12 20	**708652**	**230**	gunmetal finish, polished	gunmetal finish	330
65 75 12 80	**708654**	**280**	gunmetal finish, polished	gunmetal finish	440

6501 VDE Combination pliers

DIN ISO 5746, precision cutting edges for all wires, incl. piano wire, induction hardened cutting edges, approx. 62 HRC, for long life.

6501 8 200

SW Code	Item Code	L mm	Head	Handles	③	④	⑤	⑥	g
65 01 82 00	**708448^**	**200**	chrome plated	insulated, with plastic sleeves, DIN EN 60900, AC/1000 V	2.5	2	13	16	317

③ cutting capacity in mm for hard wire
④ cutting capacity in mm for piano wire
⑤ cutting capacity in mm for cable
⑥ cutting capacity in mm^2 for cable

6529 VDE Snipe nose pliers with cutter (radio- or telephone pliers)

DIN ISO 5745, Form A (straight), half round, long tapering, serrated jaws, with burner hole, precision cutting edges for soft and hard wires, induction hardened cutting edges, approx. 60 HRC.

6529 8 200

SW Code	Item Code	L mm	Head	Handles	L_3 mm	W mm	D mm	h mm	b mm	g
65 29 82 00	**708513^**	**200**	chrome plated	insulated, with plastic sleeves, DIN EN 60900, AC/1000 V	73	17	9	3	2.5	202

6530 VDE Snipe nose pliers with cutter (radio- or telephone pliers)

DIN ISO 5745, Form B, bent 45°, half round, long tapering, serrated jaws, with burner hole, precision cutting edges for soft and hard wires, induction hardened cutting edges, approx. 60 HRC.

6530 8 200

SW Code	Item Code	L mm	Head	Handles	L_2 mm	L_3 mm	W mm	D mm	h mm	b mm	g
65 30 82 00	**708524^**	**200**	chrome plated	insulated, with plastic sleeves, DIN EN 60900, AC/1000 V	28	76	17	9	3.5	3	201

6600 VDE Side cutters

DIN ISO 5749, Form B, precision cutting edges for all wires incl. piano wire, high quality alloy steel, bevelled cutting edges induction hardened, approx. 63 HRC.

6600 8 180

SW Code	Item Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	④	g
66 00 81 80	**708686^**	**180**	chrome plated	insulated, with plastic sleeves, DIN EN 60900, AC/1000 V	25.5	25	9.5	3.8	3	2.5	2	249

① cutting capacity in mm for soft wire
② cutting capacity in mm for medium hard wire
③ cutting capacity in mm for hard wire
④ cutting capacity in mm for piano wire

^ = non stocked line

6602 VDE Heavy Duty Side cutters

DIN ISO 5749, Form A, precision cutting edges for all wires incl. piano wire, high quality alloy steel, bevelled cutting edges induction hardened, approx. 63 HRC.

6602 8 200

SW Code	Item Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	④	g
66 02 82 00	**708708^**	**200**	chrome plated	insulated, with plastic sleeves, DIN EN 60900, 1000 V AC	31	28	11.5	4	4	3	2.5	305

① cutting capacity in mm for soft wire
② cutting capacity in mm for medium hard wire
③ cutting capacity in mm for hard wire
④ cutting capacity in mm for piano wire

6622 VDE Wire stripping pliers

with adjustment screw to cut insulation only on wire or cable, max. 5 mm Ø 10 mm² conductor cross-section.

6622 8 160

SW Code	Item Code	L mm	Head	Handles	g
66 22 81 60	**708757^**	**160**	chrome plated	insulated, with plastic sleeves, DIN EN 60900, 1000 V AC	168

6703 Set with 3 pliers, chrome plated

multi-component handles with softer layers, in plastic inlay
Content:
6501 Combination pliers, 180 mm
6602 Heavy duty side cutter, 160 mm
6529 Snipe nose pliers, 200 mm

SW Code	Item Code	g
96 65 00 05	**708778^**	810

6705 Set with 3 pliers, polished

dip-coated, in plastic inlay
Content:
6551 Waterpump pliers, 240 mm, lacquered
6501 Combination pliers, 180 mm
6602 Heavy duty side cutter, 160 mm

SW Code	Item Code	g
96 65 00 07	**708780^**	880

6704 Set with 3 pliers, chrome plated

multi-component handles with softer layers (No 6501, 6602), in plastic inlay
Content:
6551 Waterpump pliers, 240 mm
6501 Combination pliers, 180 mm
6602 Heavy duty side cutter, 160 mm

SW Code	Item Code	g
96 65 00 06	**708779^**	950

6706 Set with 3 pliers, polished

dip-coated, in plastic inlay
Content:
6501 Combination pliers, 180 mm
6602 Heavy duty side cutter, 160 mm
6529 Snipe nose pliers, 200 mm

SW Code	Item Code	g
96 65 00 08	**708781^**	750

Specialty Tools

10955 Plastic hammers

with interchangeable heads of impact resisting Cellulose Acetate and Ash Handles.

SW Code	Item Code	ø mm	L_1 mm	L_2 mm	g	
70 16 00 27	**705524^**	**27**	265	90	215	6
70 16 00 32	**705525**	**32**	280	100	325	6
70 16 00 35	**705526**	**35**	290	105	400	2
70 16 00 40	**705527**	**40**	320	110	550	2
70 16 00 50	**705528^**	**50**	340	115	860	2

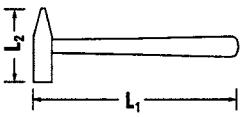
10955R Spare plastic heads

of impact resisting Cellulose Acetate, these are lightly heated and then tapped into position.

SW Code	Item Code	ø mm	g	
79 04 00 35	**705532^**	**35**	28	10
79 04 00 40	**705533^**	**40**	37	10
79 04 00 50	**705534^**	**50**	65	10

10960 Engineers hammers

with Ash Handles, DIN 1041.



SW Code	Item Code	g	L_1 mm	L_2 mm	g	
70 11 00 05	**705561**	**100**	260	82	148	6
70 11 00 01	**705564**	**200**	280	95	254	6
70 11 00 04	**705565**	**300**	300	105	396	6
70 11 00 02	**705566**	**500**	320	118	614	6
70 11 00 06	**705567**	**800**	350	130	951	2
70 11 00 03	**705560**	**1000**	360	135	1132	2
70 11 00 07	**705562**	**1500**	380	145	1615	2
70 11 00 08	**705563**	**2000**	400	155	2285	2

10970 Ball pein hammers

with Ash Handles.

SW Code	Item Code	lb.	L_1 mm	L_2 mm	g	
70 12 00 01	**705570**	**¼**	270	67	176	6
70 12 00 05	**705569**	**½**	290	82	320	6
70 12 00 06	**705573**	**¾**	310	93	454	6
70 12 00 02	**705571**	**1**	320	99	575	6
70 12 00 04	**705568**	**1 ½**	350	118	790	2
70 12 00 03	**705572**	**2**	380	126	1044	2

100 Ribbed cold chisels

of tough tempered special steel, chrome plated.

SW Code	Item Code	Size	L mm	b mm	g	
70 01 00 05	**705074**	**5***	125	18	93	10
70 01 00 06	**705075**	**6**	150	20	165	10
70 01 00 08	**705076**	**8**	200	26	305	5
70 01 00 10	**705072**	**10**	250	30	507	5
70 01 00 12	**705073**	**12**	300	35	807	5

* to be discontinued

102 Cold chisels

DIN 6453, Chrome Vanadium Steel, lacquered silver.

SW Code	Item Code	Size	L mm	b mm	g	
70 02 00 02	**705082**	**125**	125	15	96	10
70 02 00 03	**705083**	**150**	150	18	172	10
70 02 00 04	**705084**	**175**	175	21	269	10
70 02 00 05	**705085**	**200**	200	24	379	5
70 02 00 07	**705086**	**250**	250	25	479	5
70 02 00 08	**705087**	**300**	300	26	591	5

110 Grooving chisel

flat, Chrome Vanadium Steel, lacquered silver.

SW Code	Item Code	L mm	b mm	g	
70 08 00 01	**705580**	240	26	292	5

112 Grooving chisel

as No-110, but with finger protector.

SW Code	Item Code	L mm	b mm	g	
70 08 00 02	**705651^**	240	26	411	5

112/1 Finger protector

for Cold Chisels No-102 and Cross-cut Chisels No-103 from 200-mm onward, for Grooving Chisel No 110, shaft section 23 x 13-mm.

SW Code	Item Code	g	
79 16 00 01	**705652^**	101	5

^ = non stocked line

105 Centre punches

DIN 7250, octagonal,
Chrome Vanadium, lacquered silver.

SW Code	Item Code	Size	mm	L mm	g	
70 05 00 01	**705132**	**100 x 10**	10	100	52	10
70 05 00 05	**705133**	**120 x 10**	10	120	63	10
70 05 00 02	**705134**	**120 x 12**	12	120	90	10

109 Pin punches

with guide bush.

SW Code	Item Code	Size	● mm	● mm	L mm	g	
70 09 00 01	**705498**	**1**	0.9	5	80	7	10
70 09 00 02	**705499**	**2**	1.4	5.5	82	12	10
70 09 00 03	**705500^**	**3**	1.8	6	86	12	10
70 09 00 04	**705501^**	**4**	2.4	7	95	18	10
70 09 00 05	**705502^**	**5**	2.8	7	97	19	10
70 09 00 06	**705503^**	**6**	3.4	8	100	25	10
70 09 00 07	**705504^**	**7**	3.9	9	100	27	10
70 09 00 08	**705505^**	**8***	5.9	10	103	47	10

● diameter of tip
● diameter of handle
* without guide bush

102-5/6 Sets: Chisels, pins, punches

6 pieces
content: 1 each
No-106/125-mm
No-106/150-mm
No-107/125-mm
No-104/120 x 2; 120 x 4-mm
No-105/120 x 10-mm
D = in plastic stand
Pc = in plastic wallet

SW Code	Item Code	No.	g	
98 81 22 01	**705097^**	**102-5/6 D**	445	1
98 81 22 02	**705098**	**102-5/6 Pc**	426	5

105-8/6K Pin punch - centre punch set

6 pieces
in transparent plastic
container stand.
Content: 1 each
No-108/150 x 2.5; 150 x 3; 150 x 4;
150 x 5; 150 x 6-mm;
DIN 6450/ Form C
No-105/120 x 10-mm; DIN 7250

SW Code	Item Code	No.	g	
96 70 07 11	**705181**	**105-8/6K**	483	1

108/6 Sets: Parallel pin punches

6 pieces
Content: 1 each
No-108/150 x 2.5; 150 x 3; 150 x 4;
150 x 5; 150 x 6; 150 x 8-mm
D = in plastic stand
Pc = in plastic wallet

SW Code	Item Code	No.	g	
96 70 07 01	**705471^**	**108/6 D**	450	1
96 70 07 02	**705472**	**108/6 Pc**	424	5

10670 Three square engineers scrapers

special steel.

SW Code	Item Code	L mm	g	
72 06 01 01	**705209^**	**215**	106	5
72 06 01 03	**705211^**	**265**	124	5
72 06 01 04	**705212^**	**285**	140	5
72 06 01 05	**705213^**	**310**	152	5

10676 Three square engineers bearing scraper

special steel.

SW Code	Item Code	L mm	g	
72 08 01 03	**705218^**	**85 x 12 x 315**	160	5

12050 Tubular hacksaw

with blade size 300-mm/12".

SW Code	Item Code	L mm	g	
72 21 00 00	**705725^**	**465**	490	1

12053 Hacksaw frame

SW Code	Item Code	L mm	g	
72 21 00 02	**705727**	**252**	159	1

Spare hacksaw blades for No-12053

6 pieces, Chrome Alloy Tool Steel, 32 teeth per inch.

SW Code	Item Code	L mm	g	
79 18 00 02	**705728^**	**158**	23	1

905/25 Stud remover set

M 5 - M 16, 3/16" - 5/8", 25 pieces, in green plastic box.
Content:
5 HSS HSS twist drills sizes (3.2; 4.8; 6.4; 8; 8.7-mm)
5 Fluted Removal Pins sizes 1-5 for threads M 5-M 16
5 Splined Nuts, sizes 1-5
10 Drill Guides, sizes 1-10

SW Code	Item Code	g	
96 71 30 25	**709395**	555	1

906 Spare parts

Removal pins and splined nuts, in pairs in plastic bags.

SW Code	Item Code	Size	for threads	g	
71 31 00 01	**709396**	**1**	M5–M6 3/16 – 1/4"	14	1
71 31 00 02	**709397**	**2**	M7–M8 1/4 – 5/16"	20	1
71 31 00 03	**709398**	**3**	M10 3/8"	33	1
71 31 00 04	**709399**	**4**	M12 7/16"	46	1
71 31 00 05	**709400**	**5**	M14–M16 1/2 – 9/16"	65	1

12665 52 Screw pitch gauge

0.25 to 6-mm and 4 to 62 t.p.i. (metric/Whitworth threads).

SW Code	Item Code	Size	g	
77 27 00 03	**705847**	**52**	79	10

13110 Steel rule

Metric-Inch scales, length 300-mm.

SW Code	Item Code	Divisions Top Edge "	Divisions Lower Edge mm	g	
77 46 00 01	**706085^**	1/16, 1/32, 1/64	0.5; 1	26	5

12915 Ratchet tap holders

steel, chrome plated

SW Code	Item Code	Size	Capacity mm	DIN [1]	ISO [2]	L mm	g	
77 39 00 01	**705895**	**1**	2.0–5.0	M3–8	M1–6	85	180	1
77 39 00 02	**705896**	**2**	4.6–8	M5–12	M6–12	110	305	1

[1]) for taps DIN
[2]) for taps ISO

12800 Set warding files

6 pieces, in Pc-wallet, DIN 7283, Content: 1 file each, hand, flat, half round, three square, square, round

SW Code	Item Code	L mm	g	
72 23 00 01	**705881**	100	111	5

13100 Set of needle files

6 pieces, in plastic wallet, Content: 1 file each, round, half round, three square, square, hand, flat

SW Code	Item Code	L mm	g	
96 72 28 01	**706084^**	140	46	1

12321 Engineers scriber

with knurled centre section.
1 straignt and 1 offset blade; blades gunmetal finished.

SW Code	Item Code	L mm	g	
77 10 00 00	**705749**	250	31	10

12374 Wire brush

wood, steel wire dia. 0.35-mm.

SW Code	Item Code	L mm	Rows	g	
77 09 00 00	**705753**	290	4	129	10

12377 Wire brush

with brass coated steel bristles.

SW Code	Item Code	L mm	g	
77 09 00 10	**705755**	270	140	24

12378 File brush

SW Code	Item Code	L mm	g	
77 25 00 00	**705756**	260	74	5

13115 Brass wire brush

for use on light alloys.

SW Code	Item Code	L mm	Rows	g	
77 47 00 01	**706086**	280	4	134	1

^ = non stocked line

12481 Scraper

SW Code	Item Code	L mm	b mm	g	
77 07 00 00	**705761**	212	60	65	10

10356 Scraper

for removing residues of adhesive and stickers from veichle glass. Blade 40mm wide, 0.3mm thick , interchangeable with cover

SW Code	Item Code	Length mm	Width mm	g	
74 27 00 05	**705114**	165	40	90	1

12600 Magnetic lifters

loss of adhesion above 80°C

SW Code	Item Code	Lifting power g	Ø mm	L mm	g	
77 26 00 27	**705822**	**270** [1]	5	500	25	1
77 26 00 25	**705824**	**500**	8	460	80	1
77 26 00 60	**705821^**	**1800**	15	520	230	1
77 26 02 00	**705823^**	**3000**	19	535	297	1

[1]) Miniature magnetic lifter with tiny head, very powerful

12910 Adjustable hook spanners

for slotted nuts as per DIN 1810, adjustable.

SW Code	Item Code	Size	mm	g	
44 01 00 01	**705892**	**1**	20– 42	90	5
44 01 00 02	**705893**	**2**	45– 90	245	5
44 01 00 03	**705894**	**3**	95–165	686	5

12921N Telescopic mirror

SW Code	Item Code	mm	L mm	g	
77 40 10 30	**705902^**	30	265-705	108	1
77 40 10 40	**705903**	40	275-715	112	1
77 40 10 50	**705904^**	50	285-725	135	1
77 40 10 60	**705905^**	60	295-735	150	1

12922 Claw lifter

with ergonomic handle.

SW Code	Item Code	Ø mm	L mm	g	
77 40 11 03	**705910^**	6	540	113	1

Special tools for ignition and electrics

12375 Spark plug brush

wood, brass wire dia 0.15mm.

SW Code	Item Code	L mm	Rows	g	
74 16 00 01	**705754**	150	3 x 5	18	10

12905 Car circuit tester

for car electrics 6-12 volt and 24 volt, with pointed probe, cover cap, connecting lead with alligator clip.

SW Code	Item Code	L mm	g	
77 38 00 01	**705890**	120	73	10

Special tools for carburettors

10506 ⊖ Screwdriver

for setting correct CO-valve on mixture screen, idling mixture on Pierburg carburettors: BMW, Ford, Opel, Peugeot, Renault, Mercedes-Benz cars. Choke adjustment Audi 80, VW Passat 1.3-1.5; 1.6 l, matt chrome, black tip.

SW Code	Item Code	L mm	blade mm	g	
73 01 00 01	**705136**	350	0.8 x 4 x 300	53	10

10518 ⊖ Screwdriver

for adjustment (slotted screws), matt chrome, black tip.

SW Code	Item Code	L mm	blade mm	g	
73 21 01 02	**705141**	515	1 x 5.5 x 410	159	10

11085 Jet reamers

16 pieces in case, with holder

SW Code	Item Code	measuring range mm	g	
74 31 00 01	**705647**	0.33 - 2.0	27	10

Special tools for valves and pistons

11095-11097 Precision feeler gauges

DIN 1544F, nickel-plated case, tapered blades.

SW Code	Item Code	No.	Sizes	L mm	g	
74 24 00 01	**705648**	**11095/13**	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	100	61	10
74 24 00 02	**705649**	**11095/20**	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	100	95	10
74 24 00 05	**705650**	**11097/26**	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"	100	80	10

Special tools for brakes and wheels

Tyre levers

Handy, sturdy construction, purposefully shaped, Chrome Alloy Steel

SW Code	Item Code	No.	L mm	g	
74 01 04 00	**706720^**	**39 cars**	400	383	5
74 01 06 00	**706721^**	**39/1 HGVs**	600	897	5
74 01 06 02	**706722^**	**39/2 HGVs**	600	1172	5
74 01 06 03	**706723^**	**39/3 HGVs**	600	915	5

12373 Steel wire brush

special slim design

SW Code	Item Code	L mm	Rows	g	
77 44 00 01	**705752**	230	2	70	10

Special tools for lubrication service

3045 Special socket

for oil filters, size 74-mm, 14-point, 10-mm dia. bore and outside hexagon 22-mm Ø.

SW Code	Item Code	total height mm	g	
74 37 00 01	**706671**	52	131	1

^ = non stocked line

Koken

High Performance Tools of Convincing Quality

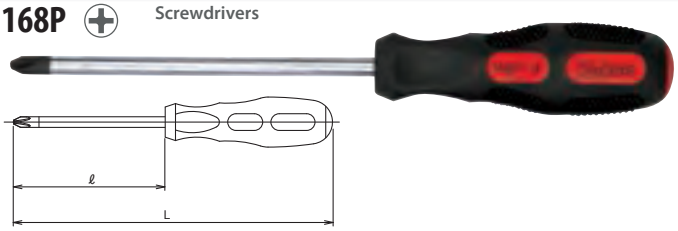
Ko-ken Tools is a specialist manufacturer of Premium Quality Sockets and Socket Accessories that are made in Japan.

Product development resulting in improved patented designs is a vital part of Ko-ken's philosophy.

The result has been continual improvements in the durability, appearance and functionality of all tools bearing the Ko-ken name.

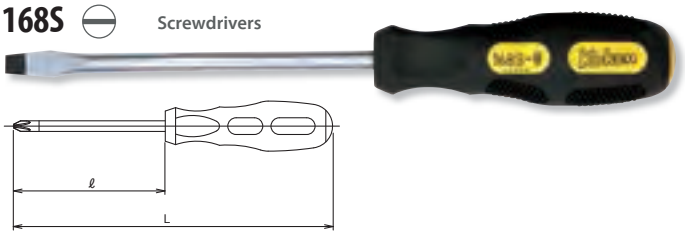
Ko-ken prides itself in producing tools that exceed recognised DIN ISO manufacturing standards. Sophisticated production facilities using CAD design with computer controlled lathes, machine tools and cold forming techniques guarantee superior quality.

168P Screwdrivers



Item Code	Part No.	168P (PH)	ℓ (mm)	L (mm)	(g)	(pcs.)
504069	KO168P1	1	75	175	59	6
504070	KO168P2	2	100	210	86	6
504071	KO168P3	3	150	270	150	6

168S Screwdrivers

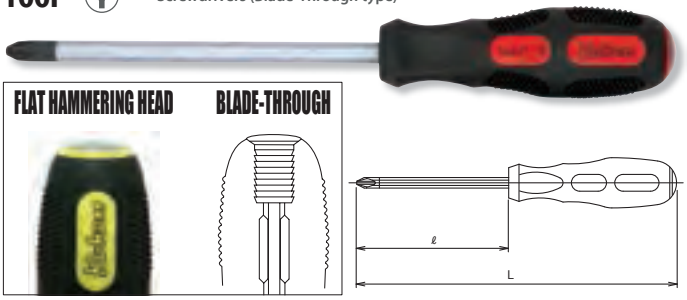


Item Code	Part No.	168 (S)	ℓ (mm)	L (mm)	(g)	(pcs.)
504073	KO168S5	5	75	175	59	6
504074	KO168S6	6	100	210	86	6
504075	KO168S8	8	150	270	150	6

168PS/6 Screwdriver Set

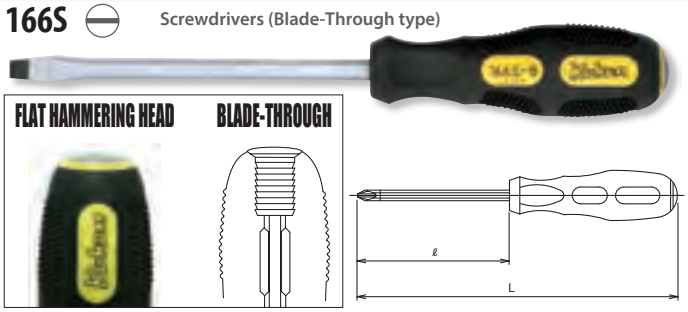
Item Code	Part No.	6 Piece Screwdriver Set	(g)
504072	KO168PS/6	168P Screwdrivers 1, 2, 3 168S Screwdrivers 5, 6, 8	660

166P Screwdrivers (Blade-Through type)



Item Code	Part No.	166P (PH)	ℓ (mm)	L (mm)	(g)	(pcs.)
504036	KO166P1	1	75	175	78	6
504037	KO166P2	2	100	210	129	6
504038	KO166P3	3	150	270	203	6

166S Screwdrivers (Blade-Through type)

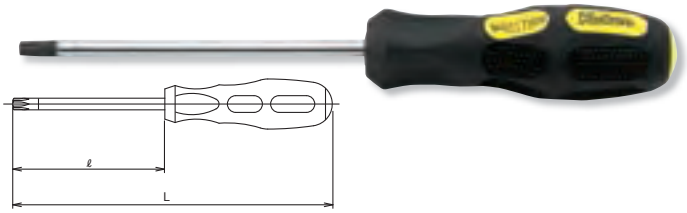


Item Code	Part No.	166S	ℓ (mm)	L (mm)	(g)	(pcs.)
504040	KO166S5	5	75	175	78	6
504041	KO166S6	6	100	210	129	6
504042	KO166S8	8	150	270	203	6

166PS/6 Screwdriver Set (Blade Through Type)

Item Code	Part No.	6 Piece Screwdriver Set	(g)
504039	KO166PS/6	166P Screwdrivers 1, 2, 3 166S Screwdrivers 5, 6, 8	885

168T (TH) Tamper-Resistant TORX® Screwdrivers



Item Code	Part No.	168T (TH)	ℓ (mm)	L (mm)	(g)	(pcs.)
504077^	KO168T-T10H	T10H	80	150	25	6
504078^	KO168T-T15H	T15H	80	150	25	6
504079^	KO168T-T20H	T20H	125	225	60	6
504080^	KO168T-T25H	T25H	125	225	60	6
504081^	KO168T-T27H	T27H	125	235	90	6
504082^	KO168T-T30H	T30H	125	235	92	6
504083^	KO168T-T40H	T40H	125	245	153	6

Tamper Resistant TORX® Screwdrivers have less strength due to the special design. Make sure to use it correctly.

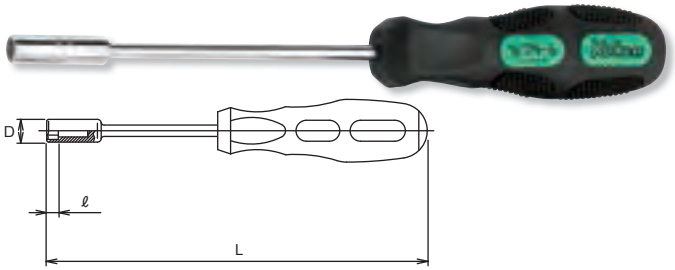
168T/7 (TH) Tamper-Resistant Torx® Screwdriver Set

Item Code	Part No.	168T	(g)
504076	KO168T/7	7 Piece Set 168T: T10H, T15H, T20H, T25H, T27H, T30H, T40H	480

^ = non stocked line

167M

Socket Drivers (Spin-Tites)



Item Code	Part No.	167M (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504049	KO167M03	3	5.8	3	225	62	6
504050	KO167M03.5	3.5	5.8	3	225	62	6
504051	KO167M04	4	6.7	3.5	225	64	6
504052	KO167M04.5	4.5	7.2	4.5	225	65	6
504053	KO167M05	5	7.8	5	225	66	6
504054	KO167M05.5	5.5	8.4	5.5	225	68	6
504055	KO167M06	6	9.1	6	225	70	6
504056	KO167M07	7	10.9	6.5	235	101	6
504057	KO167M08	8	12	7	235	103	6
504058	KO167M10	10	14.5	8	235	111	6
504059	KO167M12	12	16.8	9	245	161	6
504060	KO167M13	13	18.2	9.5	245	167	6
504061	KO167M14	14	19.2	11	245	178	6

104M · 104A

6-Point T-Handle Wrench

Item Code	Part No.	104M (mm)	D (mm)	ℓ (mm)	L1 (mm)	L2 (mm)	(g)	(pce.)
503610	KO104M06	6	9.5	8	200	180	150	1
503611	KO104M07	7	11	9	200	180	152	1
503612	KO104M08	8	12	10	250	200	183	1
503613	KO104M09	9	14	12	250	200	188	1
503614	KO104M10	10	14	13	250	200	230	1
503615	KO104M11	11	16	14	250	200	234	1
503616	KO104M12	12	18	15	250	250	384	1
503617	KO104M13	13	18.5	17	300	250	412	1
503618	KO104M14	14	20	18	300	250	428	1
503619	KO104M15	15	21	19	300	250	443	1
503620	KO104M17	17	24	22	350	300	707	1
503621	KO104M18	18	25	23	350	300	707	1
503622	KO104M19	19	26.5	25	350	300	717	1
503623	KO104M21	21	29	27	350	300	1070	1
503624	KO104M22	22	30	28	350	300	1062	1

Item Code	Part No.	104A (inch)	D (mm)	ℓ (mm)	L1 (mm)	L2 (mm)	(g)	(pce.)
503603	KO104A12	3/8	14	12	250	200	188	1
503604	KO104A14	7/16	16	14	250	200	234	1
503605	KO104A16	1/2	18.5	17	300	250	412	1
503606	KO104A18	9/16	20	18	300	250	428	1
503607	KO104A20	5/8	22.5	21	350	300	528	1
503609	KO104A24	3/4	26.5	25	350	300	717	1

AG112A

Attack (Impact) Driver Set

6 PIECE SET
METAL CASE:W220×H82×T60mm

Item Code	Part No.	Bits	Accessories	(g)
505518	KOAG112A	100P.32 Phillips Bits 2, 3 100S.32 Slotted Bits 9, 11	4112G 4138	1,150

AN112A

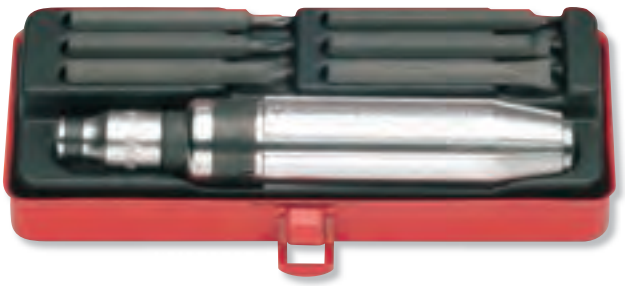
Attack (Impact) Driver Set

6 PIECE SET
METAL CASE:W190×H59×T45mm

Item Code	Part No.	Bits	Accessories	(g)
505519	KOAN112A	100P.32 Phillips Bits 2, 3 100S.32 Slotted Bits 9, 11	4112N 4138	1,070

AN112C

Attack (Impact) Driver Set



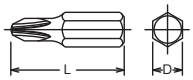
8 PIECE SET
METAL CASE:W215×H80×T47mm

Item Code	Part No.	Bits	Accessories	(g)
505520	KOAN112C	100P.80 Phillips Bits 1, 2, 3 100S.80 Slotted Bits 7, 9, 12	4112N 4138	1,350

Black finished head prevents peeling off the chrome plate by striking the head.

5/16" Bits and Holder

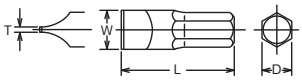
100P-32 · -80 Phillips Bits



Item Code	Part No.	100P.32 (PH)	D (mm)	L (mm)	(g)	(pcs.)
503576	KO100P32/1	1	8	32	11	10
503577	KO100P32/2	2	8	32	11	10
503578	KO100P32/3	3	8	32	12	10
503579	KO100P32/4	4	8	32	12	10

Item Code	Part No.	100P.80 (PH)	D (mm)	L (mm)	(g)	(pcs.)
503580	KO100P80/1	1	8	80	30	10
503581	KO100P80/2	2	8	80	30	10
503582	KO100P80/3	3	8	80	31	10
503583	KO100P80/4	4	8	80	32	10

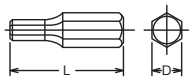
100S-32 · -80 Bits for Slotted head



Item Code	Part No.	100S.32	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
503584	KO100S3206	6	1 × 6	8	32	10	10
503585	KO100S3208	8	1.2× 8	8	32	12	10
503586	KO100S3209	9	1.6× 9	8	32	12	10
503587	KO100S3211	11	1.6×11	8	32	15	10
503588	KO100S3212	12	2 ×12	8	32	18	10
503589	KO100S3214	14	2 ×14	8	32	21	10

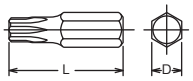
Item Code	Part No.	100S.80	T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
503590	KO100S8006	6	1 × 6	8	80	29	10
503591	KO100S8007	7	1 × 7	8	80	30	10
503592	KO100S8008	8	1.2× 8	8	80	31	10
503593	KO100S8009	9	1.6× 9	8	80	32	10
503594	KO100S8011	11	1.6×11	8	80	33	10
503595	KO100S8012	12	2 ×12	8	80	34	10

100H-32 Hex Bits



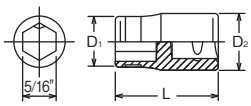
Item Code	Part No.	100H.32 (mm)	D (mm)	L (mm)	(g)	(pcs.)
503568	KO100H3203	3	8	32	11	10
503569	KO100H3204	4	8	32	11	10
503570	KO100H3205	5	8	32	12	10
503571	KO100H3206	6	8	32	12	10
503572	KO100H3208	8	8	32	13	10
503573	KO100H3210	10	8	32	16	10
503574	KO100H3212	12	8	32	23	10
503575	KO100H3214	14	8	32	29	10

100T-32 (T) TORX® Bits



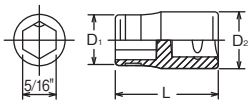
Item Code	Part No.	100T.32 (T)	D (mm)	L (mm)	(g)	(pcs.)
503596	KO100T35T10	T10	8	32	9	10
503597	KO100T35T15	T15	8	32	9	10
503598	KO100T35T20	T20	8	32	9	10
503599	KO100T35T25	T25	8	32	10	10
503600	KO100T35T27	T27	8	32	10	10
503601	KO100T35T30	T30	8	32	11	10
503602	KO100T35T40	T40	8	32	12	10

3138 Bit Holder



Item Code	Part No.		D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
504534	KO3138	3/8"	16	18	38	55	10

4138 5/16" Bit Holder



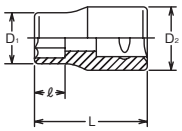
Item Code	Part No.		D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
504918	KO4138	1/2"	16	22	38	62	10

^ = non stocked line

1/4" Sockets & Accessories

2400M
2400A

6-point Sockets

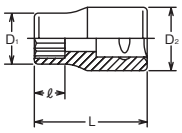


Item Code	Part No.	2400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504326	KO2400M03	3	5.5	11.2	2.6	22	7	10
504327	KO2400M04	4	6.7	11.2	3.5	22	8	10
504328	KO2400M04.5	4.5	7.3	11.2	4	22	8	10
504329	KO2400M05	5	8	11.2	5	22	8	10
504330	KO2400M05.5	5.5	8.5	11.2	5.5	22	9	10
504331	KO2400M06	6	9.2	11.2	5.5	22	9	10
504332	KO2400M07	7	10.3	11.2	6	22	9	10
504333	KO2400M08	8	11.2	11.7	6.9	22	11	10
504334	KO2400M09	9	13	12	7.3	22	12	10
504335	KO2400M10	10	14.3	12.9	7.7	22	15	10
504336	KO2400M11	11	15.5	14.3	9.3	22	18	10
504337	KO2400M12	12	16.8	15.5	9.3	22	23	10
504338	KO2400M13	13	18	16.4	9.8	22	23	10
504339	KO2400M14	14	19.3	17.9	11	24	30	10

Item Code	Part No.	2400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504315	KO2400A04	1/8	5.7	11.2	2.7	22	7	10
504316	KO2400A06	3/16	7.8	11.2	5	22	8	10
504317	KO2400A07	7/32	8.5	11.2	5.5	22	9	10
504318	KO2400A08	1/4	9.6	11.2	5.8	22	9	10
504319	KO2400A09	9/32	10.3	11.2	6	22	9	10
504320	KO2400A10	5/16	11.2	11.7	6.9	22	11	10
504321	KO2400A11	11/32	12.5	11.7	7.3	22	12	10
504322	KO2400A12	3/8	13.7	12.5	7.7	22	15	10
504323	KO2400A14	7/16	15.5	14.3	9.3	22	18	10
504324	KO2400A16	1/2	18	16.4	9.8	22	23	10
504325	KO2400A18	9/16	19.3	17.9	11	24	30	10

2405M
2405A

12-point Sockets



Item Code	Part No.	2405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504351	KO2405M03	3	5.5	11.2	2.6	22	7	10
504352	KO2405M04	4	6.7	11.2	3.5	22	8	10
504353	KO2405M04.5	4.5	7.3	11.2	4	22	8	10
504354	KO2405M05	5	8	11.2	5	22	8	10
504355	KO2405M05.5	5.5	8.5	11.2	5.5	22	9	10
504356	KO2405M06	6	9.2	11.2	5.5	22	9	10
504357	KO2405M07	7	10.3	11.2	6	22	9	10
504358	KO2405M08	8	11.2	11.7	6.9	22	11	10
504359	KO2405M09	9	13	12	7.3	22	12	10
504360	KO2405M10	10	14.3	12.9	7.7	22	15	10
504361	KO2405M11	11	15.5	14.3	9.3	22	18	10
504362	KO2405M12	12	16.8	15.5	9.3	22	23	10
504363	KO2405M13	13	18	16.4	9.8	22	23	10
504364	KO2405M14	14	19.3	17.9	11	24	30	10

Item Code	Part No.	2405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504340	KO2405A04	1/8	5.7	11.2	2.7	22	7	10
504341	KO2405A06	3/16	7.8	11.2	5	22	8	10
504342	KO2405A07	7/32	8.5	11.2	5.5	22	9	10
504343	KO2405A08	1/4	9.6	11.2	5.8	22	9	10
504344	KO2405A09	9/32	10.3	11.2	6	22	9	10
504345	KO2405A10	5/16	11.2	11.7	6.9	22	11	10
504346	KO2405A11	11/32	12.5	11.7	7.3	22	12	10
504347	KO2405A12	3/8	13.7	12.5	7.7	22	15	10
504348	KO2405A14	7/16	15.5	14.3	9.3	22	18	10
504349	KO2405A16	1/2	18	16.4	9.8	22	23	10
504350	KO2405A18	9/16	19.3	17.9	11	24	30	10

RS2400M/11
RS2405M/11

Socket Set on Rail

Item Code	Part No.	Socket Sets	(g)
505554	KORS2400M/11	RS2400M: 11 Pieces Set/Rail 200mm 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14	222
505557	KORS2405M/11	RS2405M: 11 Pieces Set/Rail 200mm 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14	222

RS2400A/9
RS2405A/9

Socket Set on Rail

Item Code	Part No.	Socket Sets	(g)
505553	KORS2400A/9	RS2400A: 9 Pieces Set/Rail 150mm 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2"	162
505556	KORS2405A/9	RS2405A: 9 Pieces Set/Rail 150mm 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2"	162

RSAS2405A/10

12-point Socket Set on Rail

SAE AS954

Item Code	Part No.	Socket Sets	(g)
505615^	KORSAS2405A/10	RSAS2405A: 10 Pieces Set/Rail 150mm 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16"	160

Aerospace Standard SAE AS954

RS2400W/9

6 Point Whitworth Socket Set on Rail

Item Code	Part No.	Socket Set	(g)
505555	KORS2400W/9	RS2400W: 9 Pieces Set/Rail 150mm 8, 7, 6, 5, 4, 3, 2, 1, 0BA	120

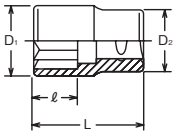
BA		8BA	7BA	6BA	5BA	4BA	3BA	2BA	1BA	0BA
Across Flat	(ref. mm)	3.86	4.37	4.90	5.59	6.30	7.16	8.23	9.27	10.49
	(ref. in)	0.152	0.172	0.193	0.220	0.248	0.282	0.324	0.365	0.413

Koken

1/4" Sockets & Accessories

2415M

Double Square Sockets



Item Code	Part No.	2415M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504368	KO2415M06	6	11	11.7	5.4	22	13	10
504369	KO2415M08	8	14.3	12.9	6.8	22	17	10
504370	KO2415M10	10	17.4	16	8.2	22	27	10

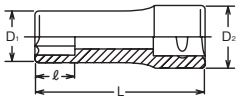
RS2425/6

TORX® Socket Set on Rail

Item Code	Part No.	Torx Socket Set	(g)
505558	KORS2425/6	RS2425: 6 Pieces Set/Rail 150mm E4, E5, E6, E7, E8, E10	85

2300M
2300A

6-point Deep Sockets

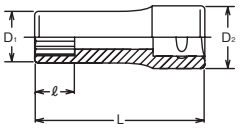


Item Code	Part No.	2300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504277	KO2300M03	3	5.5	11.2	3	50	15	10
504278	KO2300M04	4	6.7	11.2	4	50	15	10
504279	KO2300M05	5	8	11.2	5.5	50	17	10
504280	KO2300M06	6	9.2	11.2	7	50	20	10
504281	KO2300M07	7	10.3	11.2	8	50	25	10
504282	KO2300M08	8	11.2	11.7	9	50	25	10
504283	KO2300M09	9	13	12	10	50	30	10
504284	KO2300M10	10	14.3	12.9	11	50	34	10
504285	KO2300M11	11	15.5	14.3	12	50	43	10
504286	KO2300M12	12	16.8	15.5	13	50	50	10
504287	KO2300M13	13	18	16.4	14	50	52	10
504288	KO2300M14	14	19.3	17.9	16	50	57	10

Item Code	Part No.	2300A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504266	KO2300A04	1/8	5.7	11.2	3.5	50	15	10
504267	KO2300A06	3/16	7.8	11.2	5.5	50	17	10
504268	KO2300A07	7/32	8.5	11.2	6	50	17	10
504269	KO2300A08	1/4	9.6	11.2	7	50	25	10
504270	KO2300A09	9/32	10.3	11.2	8	50	25	10
504271	KO2300A10	5/16	11.2	11.7	9	50	25	10
504272	KO2300A11	11/32	12.5	11.7	10	50	30	10
504273	KO2300A12	3/8	13.7	12.5	11	50	34	10
504274	KO2300A14	7/16	15.5	14.3	12	50	43	10
504275	KO2300A16	1/2	18	16.4	14	50	52	10
504276	KO2300A18	9/16	19.3	17.9	16	50	57	10

2305M
2305A

12-point Deep Sockets



Item Code	Part No.	2305M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504300	KO2305M03	3	5.5	11.2	3	50	15	10
504301	KO2305M04	4	6.7	11.2	4	50	15	10
504302	KO2305M05	5	8	11.2	5.5	50	17	10
504303	KO2305M06	6	9.2	11.2	7	50	20	10
504304	KO2305M07	7	10.3	11.2	8	50	25	10
504305	KO2305M08	8	11.2	11.7	9	50	25	10
504306	KO2305M09	9	13	12	10	50	30	10
504307	KO2305M10	10	14.3	12.9	11	50	34	10
504308	KO2305M11	11	15.5	14.3	12	50	43	10
504309	KO2305M12	12	16.8	15.5	13	50	50	10
504310	KO2305M13	13	18	16.4	14	50	52	10
504311	KO2305M14	14	19.3	17.9	16	50	57	10

Item Code	Part No.	2305A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504289	KO2305A04	1/8	5.7	11.2	3.5	50	15	10
504290	KO2305A06	3/16	7.8	11.2	5.5	50	17	10
504291	KO2305A07	7/32	8.5	11.2	6	50	17	10
504292	KO2305A08	1/4	9.6	11.2	7	50	25	10
504293	KO2305A09	9/32	10.3	11.2	8	50	25	10
504294	KO2305A10	5/16	11.2	11.7	9	50	25	10
504295	KO2305A11	11/32	12.5	11.7	10	50	30	10
504296	KO2305A12	3/8	13.7	12.5	11	50	34	10
504297	KO2305A14	7/16	15.5	14.3	12	50	43	10
504298	KO2305A16	1/2	18	16.4	14	50	52	10
504299	KO2305A18	9/16	19.3	17.9	16	50	57	10

RS2300M/11
RS2305M/11

Deep Socket Set on Rail

Item Code	Part No.	Socket Sets	(g)
505549	KORS2300M/11	RS2300M: 11 Pieces Set/Rail 200mm 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14	437
505552	KORS2305M/11	RS2305M: 11 Pieces Set/Rail 200mm 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14	437

RS2300A/9
RS2305A/9

Socket Set on Rail

Item Code	Part No.	Socket Sets	(g)
505548	KORS2300A/9	RS2300A: 9 Pieces Set/Rail 150mm 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2"	296
505551	KORS2305A/9	RS2305A: 9 Pieces Set/Rail 150mm 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2"	296

^ = non stocked line

1/4" Sockets & Accessories

2274MD
2274AD

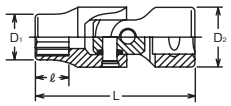
Socket Set

PLASTIC BAG

Item Code	Part No.	Socket Sets	(g)
504262	KO2274MD	2305M: 7 Piece Set 12-pt. Deep Sockets 6, 7, 8, 9, 10, 11, 12mm	245
504260	KO2274AD	2305A: 7 Piece Set 12-pt. Deep Sockets 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2"	245

2445A

12-point Universal Sockets



Item Code	Part No.	2445A (inch)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504384	KO2445A08	1/4	9.8	13	6.5	33	18	10
504385	KO2445A10	5/16	11.7	13	7.5	34	19	10
504387	KO2445A12	3/8	13.7	13	8.3	35	20	10
504388	KO2445A14	7/16	15.5	13	9.5	36	21	10
504389	KO2445A16	1/2	18.8	13	10.5	37	26	10
504390	KO2445A18	9/16	19.2	13	10.5	37	28	10

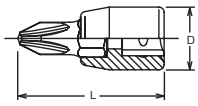
RS2445A/9

Universal 12-point Socket Set on Rail

Item Code	Part No.	Universal Drive Socket Set	(g)
505559	KORS2445A/9	RS2445A: 9 Pieces Set/Rail 150mm 3/16, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16"	220

2000-28 (PH)

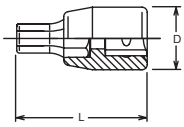
Phillips Bit Sockets



Item Code	Part No.	2000.28 (PH)	D (mm)	L (mm)	(g)	(pcs.)
504233	KO2000/1	1	12	28	10	10
504234	KO2000/2	2	12	28	11	10
504235	KO2000/3	3	12	28	12	10

2010M

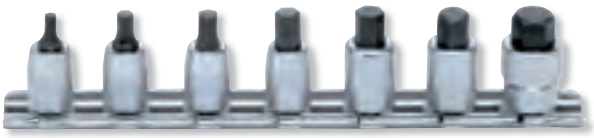
Inhex Bit Sockets



Item Code	Part No.	2010M.25 (mm)	D (mm)	L (mm)	(g)	(pcs.)
504240	KO2010M03	3	12	25	9	10
504241	KO2010M04	4	12	25	9	10
504242	KO2010M05	5	12	25	10	10
504243	KO2010M06	6	12	25	12	10
504244	KO2010M07	7	13.1	25	12	10
504245	KO2010M08	8	13.1	25	14	10
504246	KO2010M10	10	14.3	25	17	10

RS2010M/7-L25
RS2010M/7-L100
RS2010A/8-L25

Inhex Socket Set on Rail



Item Code	Part No.	Socket Sets	(g)
505545	KORS2010M/7-L25	RS2010M.25: 7 Piece Set/Rail 150mm 3, 4, 5, 6, 7, 8, 10mm	115
505544	KORS2010M/7-L100	RS2010M.100: 7 Piece Set/Rail 150mm 3, 4, 5, 6, 7, 8, 10mm	280
505543	KORS2010A/8-L25	RS2010A.25: 8 Piece Set/Rail 150mm 1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 3/8"	130

RS2025/7-L28

TORX® Socket Set on Rail

Item Code	Part No.	Torx® Socket Sets	(g)
505547	KORS2025/7-L28	RS2025.28: 7 Piece Set/Rail 150mm T10, T15, T20, T25, T27, T30, T40	119

RS2025/7-PR

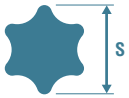
PENTA-LOBE Socket Set on Rail

Item Code	Part No.	Torx® Socket Sets	(g)
505546	KORS2025/7(PR)	RS2025-28(PR): 7 Piece Set/Rail 150mm 10PR, 15PR, 20PR, 25PR, 27PR, 30PR, 40PR	119

Penta-Lobe (PR)

PR		8PR	9PR	10PR	15PR	20PR	25PR	27PR	30PR	40PR	45PR	50PR	55PR
S	(ref. mm)	2.19	2.36	2.58	3.10	3.64	4.12	4.71	5.23	6.30	7.38	8.35	10.63

TORX® (T)

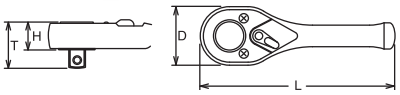


T		T8	T9	T10	T15	T20	T25	T27	T30	T40	T45	T50	T55	T60	T70	T80	T90	T100
S	(ref. mm)	2.30	2.48	2.72	3.26	3.84	4.40	4.96	5.49	6.60	7.77	8.79	11.17	13.20	15.49	17.51	19.88	22.09

1/4" Sockets & Accessories

2753PS

Reversible Ratchet Short



* Renewal Kits → 2753RK

Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
504410	KO2753PS	22	18.7	11.4	75	55	5

2753N

Reversible Ratchet

* Renewal Kits → 2753RK

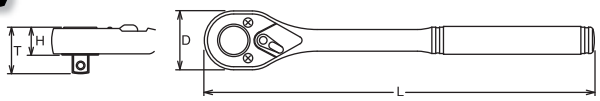
2753P

Reversible Ratchet

* Renewal Kits → 2753RK

2753J

Reversible Ratchet

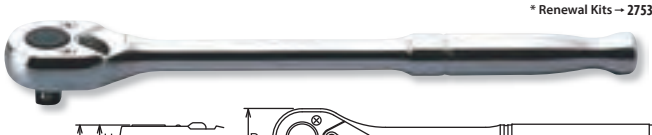


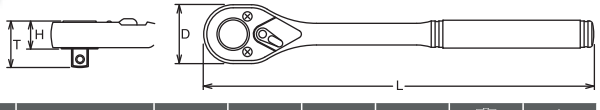
* Renewal Kits → 2753RK

Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
504406	KO2753N	22	18.7	11.4	115	90	10
504407	KO2753P	22	18.7	11.4	115	87	10
504404	KO2753J	22	18.7	11.4	115	77	5

2753P-160

Reversible Ratchet Long





* Renewal Kits → 2753RK

Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
504408	KO2753P-160	22	18.7	11.4	160	107	5

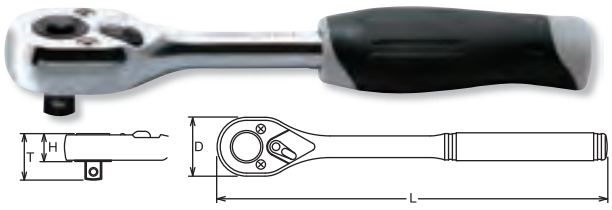
2753PB

Reversible Ratchet with quick release button

* Renewal Kits → 2753BRK

2753JB

Reversible Ratchet with quick release button



* Renewal Kits → 2753BRK

Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
504409	KO2753PB	22	18.7	11.4	115	87	10
504405^	KO2753JB	22	18.7	11.4	115	77	5

Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

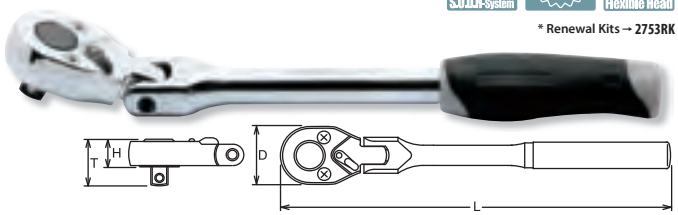
2774P

Flexible Ratchet, Reversible

* Renewal Kits → 2753RK

2774J

Flexible Ratchet, Reversible



* Renewal Kits → 2753RK

Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
504439	KO2774P	22	18.7	11.4	161	126	2
504436	KO2774J	22	18.7	11.4	161	130	2

^ = non stocked line

1/4" Sockets & Accessories

Renewal Kits

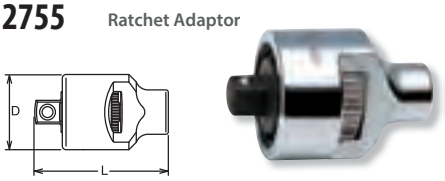
2749RK

2753RK

2753N, 2753PS, 2753P, 2753P-160, 2753J, 2774PS, 2774JS, 2774N, 2774P, 2774J

Item Code	Part No.		(g)	(pce.)
504401	KO2749RK	1/4"	30	1
504411	KO2753RK		30	1

2755 Ratchet Adaptor

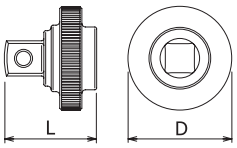


44

* Renewal Kits → 2755RK

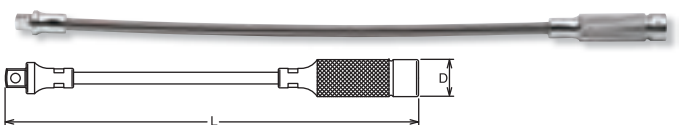
Item Code	Part No.	D (mm)	L (mm)	(g)	(pcs.)
504412	KO2755	26	40	80	10

2756 Quick Spinner



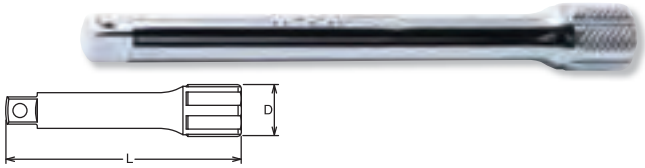
Item Code	Part No.	D (mm)	L (mm)	(g)	(pcs.)
504414	KO2756	22	20	19	10

2762 Flexible Extension Bar



Item Code	Part No.	D (mm)	L (mm)	(g)	(pcs.)
504422	KO2762	13	300	90	2

2760 Extension Bars



Item Code	Part No.	2760	D (mm)	L (mm)	(g)	(pcs.)
504415	KO2760050	50	12.3	50	23	10
504416	KO2760100	100	12.3	100	44	10
504417	KO2760150	150	12.3	150	63	10
504418	KO2760250	250	12.3	250	103	10
504420	KO2760400	400	12.3	400	160	2
504421	KO2760600	600	12.3	600	240	2

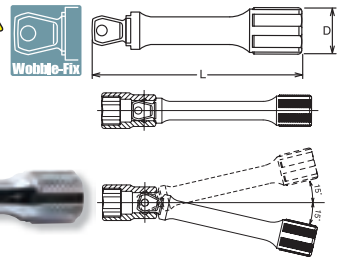
PK2760/6 Extension Bar Set

PLASTIC TRAY

Item Code	Part No.	Extension Bars	(g)
505534	KOPK2760/6	6 Piece Set 2760 Extension Bars 28, 50, 100, 150, 200, 250	430

2763 Wobble-Fix Extension Bars

Wobble-Fix Extension Bar
Two way usage : One for as a flexible extension bar to provide at 15° angle operation, the other for use as a normal extension bar.
This 2-way usage is Patented.



The Wobble-Fix Extension Bar has less strength than normal extension bar due to it's specific design with a reduced square drive. Make sure to use it correctly.

Item Code	Part No.	2763	D (mm)	L (mm)	(g)	(pcs.)
504423	KO2763028	28	12.3	28	14	10
504424	KO2763050	50	12.3	50	23	10
504425	KO2763075	75	12.3	75	33	10
504426	KO2763100	100	12.3	100	43	10

PK2763/6 Wobble Extension Set

PLASTIC TRAY

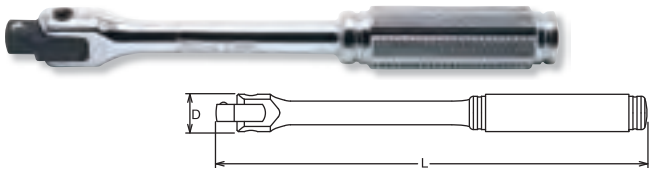
Item Code	Part No.	Extension Bars	(g)
505535	KOPK2763/6	6 Piece Set 2763 Wobble-Fix Extension Bar 28, 50, 100, 150, 200, 250	420

Koken

1/4" Sockets & Accessories

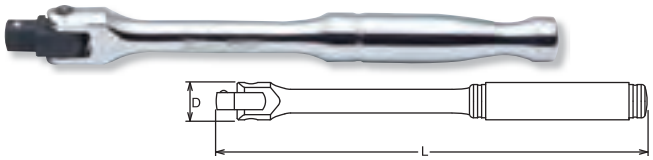
2768 Hinge Handle

* Renewal Kits → 2768RK



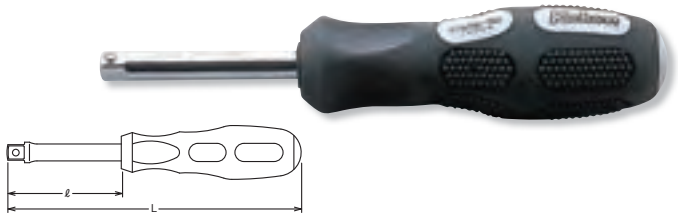
2768P Hinge Handle

* Renewal Kits → 2768RK



Item Code	Part No.	D (mm)	L (mm)	(g)	(pcs.)
504427	KO2768	14	130	86	10
504428	KO2768P	14	130	70	10

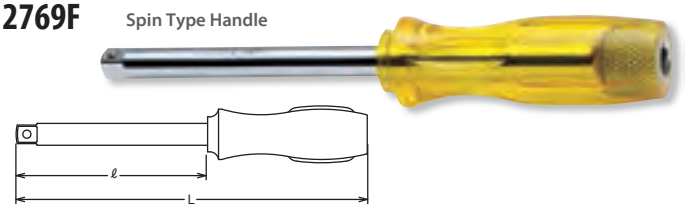
2769N-150 Spin Type Handle



Item Code	Part No.	ℓ (mm)	L (mm)	(g)	(pcs.)
504430	KO2769N150	50	150	68	2

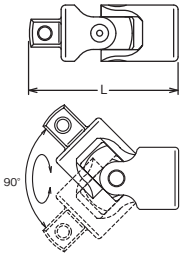
⚠ Plastic or rubber handles are not intended to act as insulation.

2769F Spin Type Handle



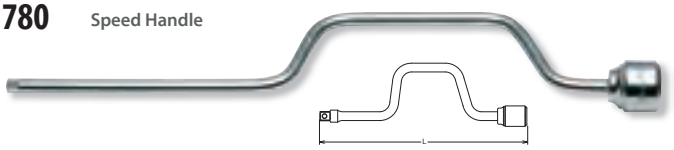
Item Code	Part No.	ℓ (mm)	L (mm)	(g)	(pcs.)
504429	KO2769F	78	150	90	5

2770 Universal Joint



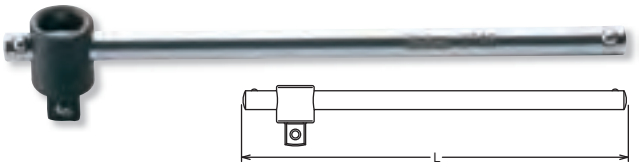
Item Code	Part No.	L (mm)	(g)	(pcs.)
504433	KO2770	33	20	10

2780 Speed Handle



Item Code	Part No.	L (mm)	(g)	(pce.)
504440	KO2780	350	250	1

2785 T-Handle

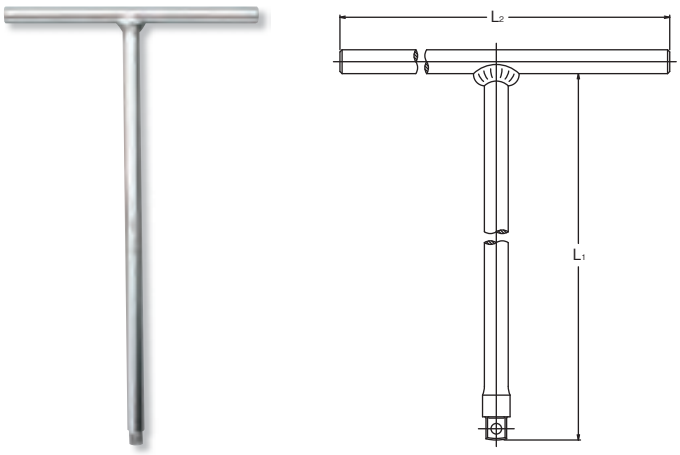


Item Code	Part No.	L (mm)	(g)	(pcs.)
504441	KO2785	115	36	10

2233A Adaptor

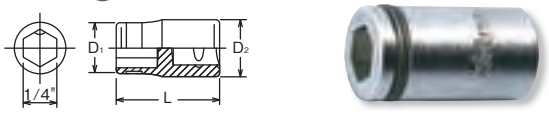
Item Code	Part No.	(sq.)	(sq.)	L (mm)	(g)	(pcs.)
504250	KO2233A	1/4"	3/8"	22	16	10

2715 T-Handle



Item Code	Part No.		L1 (mm)	L2 (mm)	(g)	(pce.)
504393	KO2715	1/4"	200	120	130	1

2137 Bit Holder

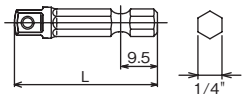


Item Code	Part No.		D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)
504247	KO2137	1/4"	12	12	22.5	13	10

^ = non stocked line

1/4" Sockets & Accessories

110 Adaptors



Item Code	Part No.	110		TYPE	L (mm)	(g)	(pcs.)
503647	KO110050	50B	1/4"	Ball	50	15	10
503648	KO110100	100B		Ball	100	34	10
503649	KO110150	150B		Ball	150	54	10

2201AM Socket Set

25 Piece Set
METAL CASE:W240×H100×T32mm

(g) = 870

Item Code	Part No.	Sockets	Accessories
504248	KO2201M	2400M 6-pt. Sockets 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 2400A 6-pt. Sockets 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	2753N 2760-100 2769N-150 2770 2785

2201AW Sockets Set

23 Piece Set
METAL CASE:W240×H100×T32mm

(g) = 870

Item Code	Part No.	Sockets	Accessories
504249	KO2201AW	2400W 6-pt. Sockets 8BA, 7BA, 6BA, 5BA, 4BA, 3BA, 2BA, 1BA, 0BA 2400A 6-pt. Sockets 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2"	2753N 2760-100 2769N-150 2770 2785

2251A Socket Set

15 Piece Set
METAL CASE:W160×H100×T28mm

(g) = 690

Item Code	Part No.	Sockets	Accessories
504253	KO2251A	2400A 6-pt. Sockets 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	2749N 2760-50 2760-150 2768N 2770 2785

2257M Socket Set

31 Piece Set
METAL CASE:W240×H100×T32mm

(g) = 930

Item Code	Part No.	Sockets	Accessories
504255^	KO2257M	2400M 6-pt. Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12 2000.28 Bit Sockets 1, 2, 3, 4 2005.25 Bit Sockets 4, 5, 6, 8, 9 2010M.25 Bit Sockets 3, 4, 5, 6, 8, 10	2753N 2760-100 2769N-150 2770 2785

1/4" Sockets & Accessories

2260M Socket Set

28 Piece Set
METAL CASE: W370×H150×T50mm

⚖ (g) = 2,370

Item Code	Part No.	Sockets	Accessories
504256	KO2260M	2400M 6-pt. Sockets 4, 5, 5.5, 6, 7, 8, 10, 12 3400M 6-pt. Sockets 8, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21	2753N 2760-50 2760-100 2769N-150 3749N 3760-75 3760-125 3785 3322A

2261M Socket Set

17 Piece Set
METAL CASE:W192×H122×T30mm

⚖ (g) = 690

Item Code	Part No.	Sockets	Accessories
504257	KO2261M	2400M 6-pt. Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12	2753N 2760-50 2760-150 2768N 2770 2785

2276 Sockets Set with Bits and Accessories

19 Piece Set
METAL CASE:W192×H122×T30mm

⚖ (g) = 640

Item Code	Part No.	Sockets	Accessories
504264	KO2276	108P Phillips Bits 1, 2, 3 108S Slotted Bits 4, 5, 6 108H Hex Bits 3, 4, 5, 6 108T TORX® Bits T10, T15, T20, T25, T27, T30	2753PS 2769N-150 2137

2277 Sockets Set

21 Piece Set
METAL CASE:W310×H86×T50mm

⚖ (g) = 1,240

Item Code	Part No.	Sockets	Accessories
504265	KO2277	2400M 6-pt. Sockets 5.5, 6, 7, 8, 9, 10, 11, 12, 13 2300M 6-pt. Deep Sockets 5.5, 6, 7, 8, 9, 10, 11, 12, 13	2753N 2763-75 2769N-150

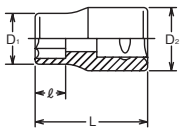
Koken

^ = non stocked line

3/8" Sockets & Accessories

3400M
3400A

6-point Sockets

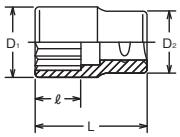


Item Code	Part No.	3400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504653	KO3400M06	6	9.9	17.3	6	26	20	10
504654	KO3400M07	7	10.8	17.3	6.5	26	20	10
504655	KO3400M08	8	12	17.3	7	26	22	10
504656	KO3400M09	9	13.3	17.3	7.5	26	23	10
504657	KO3400M10	10	14.5	17.3	8	26	24	10
504658	KO3400M11	11	15.8	17.3	8.5	26	25	10
504659	KO3400M12	12	16.8	17.3	9	26	25	10
504660	KO3400M13	13	18	17	9.5	26	24	10
504661	KO3400M14	14	19.5	18.5	11	27	31	10
504662	KO3400M15	15	20.8	19.5	11.5	28	39	10
504663	KO3400M16	16	22	20	12	28	42	10
504664	KO3400M17	17	23.3	21.5	12.5	29	51	10
504665	KO3400M18	18	24.5	22.5	13	30	51	10
504666	KO3400M19	19	25.8	23.5	13.5	30	63	10
504667	KO3400M20	20	27	24.5	14	31	75	10
504668	KO3400M21	21	28	26	14.5	32	77	10
504669	KO3400M22	22	29.5	26.5	15	32	82	10
504670	KO3400M23	23	30.8	27.5	15.5	33	95	10
504671	KO3400M24	24	32	28.5	16	34	102	10

Item Code	Part No.	3400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504639	KO3400A08	1/4	10.3	17.3	6	26	20	10
504640	KO3400A10	5/16	12	17.3	7	26	22	10
504641	KO3400A11	11/32	13.3	17.3	7.5	26	23	10
504642	KO3400A12	3/8	13.9	17.3	8	26	23	10
504643	KO3400A14	7/16	15.8	17.3	8.5	26	25	10
504644	KO3400A16	1/2	18	17	9.5	26	24	10
504645	KO3400A18	9/16	19.5	18.5	11	27	31	10
504646	KO3400A19	19/32	20.8	19.5	11.5	28	39	10
504647	KO3400A20	5/8	22	20	12	28	42	10
504648	KO3400A22	11/16	24.5	22.5	13	30	51	10
504649	KO3400A24	3/4	25.8	23.5	13.5	30	63	10
504650	KO3400A25	25/32	27	24.5	14	31	75	10
504651	KO3400A26	13/16	28	26	14.5	32	77	10
504652	KO3400A28	7/8	29.5	26.5	15	32	82	10

3405M
3405A

12-point Sockets



Item Code	Part No.	3405M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504686	KO3405M06	6	9.9	17.3	6	26	20	10
504687	KO3405M07	7	10.8	17.3	6.5	26	20	10
504688	KO3405M08	8	12	17.3	7	26	22	10
504689	KO3405M09	9	13.3	17.3	7.5	26	23	10
504690	KO3405M10	10	14.5	17.3	8	26	24	10
504691	KO3405M11	11	15.8	17.3	8.5	26	25	10
504692	KO3405M12	12	16.8	17.3	9	26	25	10
504693	KO3405M13	13	18	17	9.5	26	24	10
504694	KO3405M14	14	19.5	18.5	11	27	31	10
504695	KO3405M15	15	20.8	19.5	11.5	28	39	10
504696	KO3405M16	16	22	20	12	28	42	10
504697	KO3405M17	17	23.3	21.5	12.5	29	51	10
504698	KO3405M18	18	24.5	22.5	13	30	51	10
504699	KO3405M19	19	25.8	23.5	13.5	30	63	10
504700	KO3405M20	20	27	24.5	14	31	75	10
504701	KO3405M21	21	28	26	14.5	32	77	10
504702	KO3405M22	22	29.5	26.5	15	32	82	10
504703	KO3405M23	23	30.8	27.5	15.5	33	95	10
504704	KO3405M24	24	32	28.5	16	34	102	10

Item Code	Part No.	3405A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504672	KO3405A08	1/4	10.3	17.3	6	26	20	10
504673	KO3405A10	5/16	12	17.3	7	26	22	10
504674	KO3405A11	11/32	13.3	17.3	7.5	26	23	10
504675	KO3405A12	3/8	13.9	17.3	8	26	23	10
504676	KO3405A14	7/16	15.8	17.3	8.5	26	25	10
504677	KO3405A16	1/2	18	17	9.5	26	24	10
504678	KO3405A18	9/16	19.5	18.5	11	27	31	10
504679	KO3405A19	19/32	20.8	19.5	11.5	28	39	10
504680	KO3405A20	5/8	22	20	12	28	42	10
504681	KO3405A22	11/16	24.5	22.5	13	30	51	10
504682	KO3405A24	3/4	25.8	23.5	13.5	30	63	10
504683	KO3405A25	25/32	27	24.5	14	31	75	10
504684	KO3405A26	13/16	28	26	14.5	32	77	10
504685	KO3405A28	7/8	29.5	26.5	15	32	82	10

RS3400M/12
RS3405M/12

Socket Set on Rail

Item Code	Part No.	Socket Sets	(g)
505582	KORS3400M/12	RS3400M: 12 Pieces Set (6 Point) Rail 300mm 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm	465
505586	KORS3405M/12	RS3400M: 12 Pieces Set (12 Point) Rail 300mm 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm	465

RS3400A/9
RS3405A/9

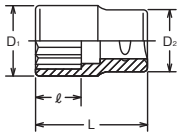
Socket Set on Rail

Item Code	Part No.	Socket Sets	(g)
505581	KORS3400A/9	RS3400A: 9 Pieces Set/Rail 200mm 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"	333
505585	KORS3405A/9	RS3405A: 9 Pieces Set/Rail 200mm 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"	333

3/8" Sockets & Accessories

3405W

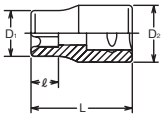
12-point Whitworth Sockets



Item Code	Part No.	3405W (W)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504705	KO3405W04	1/8	13.3	17.3	7.5	26	22	10
504706	KO3405W06	3/16	15.8	17.3	8.5	26	25	10
504707	KO3405W08	1/4	18	17	9.5	26	24	10
504708	KO3405W10	5/16	20.8	19.5	11.5	28	39	10
504709	KO3405W12	3/8	24.5	22.5	13	30	51	10
504710	KO3405W14	7/16	28	26	14.5	32	81	10
504711	KO3405W16	1/2	30.8	27.5	15.5	33	103	10

3425

TORX® Sockets



Item Code	Part No.	3425 (E)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504717	KO3425E4	E 4	5.6	17.3	4.6	26	18	10
504718	KO3425E5	E 5	7	17.3	5.2	26	20	10
504719	KO3425E6	E 6	8.3	17.3	5.4	26	21	10
504720	KO3425E7	E 7	8.9	17.3	6.6	26	22	10
504721	KO3425E8	E 8	9.9	17.3	7	26	23	10
504712	KO3425E10	E10	12	17.3	8.2	26	24	10
504713	KO3425E11	E11	13.3	17.3	8.7	26	25	10
504714	KO3425E12	E12	14.5	17.3	9.3	26	26	10
504715	KO3425E14	E14	15.8	17.3	10.6	26	27	10
504716	KO3425E16	E16	18	17	11.8	26	27	10

RS3425/9

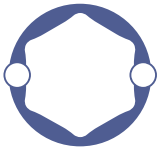
Socket Set on Rail

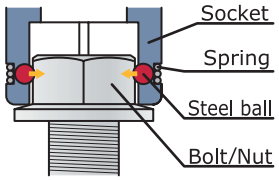
Item Code	Part No.	Torx Socket Set	(g)
505588	KORS3425/9	RS3425: 9 Pieces Set/Rail 200mm E4, E5, E6, E7, E8, E10, E12, E14, E16	239

RS3450M/8

Nut Grip® Socket Set on Rail

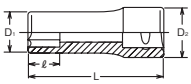
Item Code	Part No.	Nut Grip® Socket Set	(g)
505593	KO3450M/8	RS3450M: 8 Pieces Set/Rail 200mm 8, 10, 11, 12, 13, 14, 17, 19	310





3300M
3300A

6-point Deep Sockets



Item Code	Part No.	3300M (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504577	KO3300M06	6	9.9	17.3	7	55	37	10
504578	KO3300M07	7	10.6	17.3	8	55	37	10
504579	KO3300M08	8	12	17.3	9	55	40	10
504581	KO3300M09	9	13	17.3	10	55	42	10
504582	KO3300M10	10	14.5	17.3	11	55	46	10
504584	KO3300M11	11	16	17.3	12	55	51	10
504585	KO3300M12	12	16.8	17.2	13	55	52	10
504587	KO3300M13	13	18	17	14	55	53	10
504588	KO3300M14	14	20	18	16	55	60	10
504590	KO3300M15	15	21	20	16	55	74	10
504591	KO3300M16	16	22	20	17	55	76	10
504592	KO3300M17	17	23.5	22	18	55	93	10
504593	KO3300M18	18	24.5	23	19	55	98	10
504594	KO3300M19	19	25	24	20	55	98	10
504595	KO3300M21	21	27	26	22	65	126	10
504596	KO3300M22	22	29	28	23	65	163	10
504597	KO3300M23	23	30	29	24	65	168	10
504598	KO3300M24	24	31	30	25	65	191	10

Item Code	Part No.	3300A (inch)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504560	KO3300A08	1/4	9.9	17.3	7	55	37	10
504561	KO3300A10	5/16	12	17.3	9	55	40	10
504562	KO3300A12	3/8	14	17.3	11	55	46	10
504563	KO3300A14	7/16	16	17.3	12	55	51	10
504564	KO3300A16	1/2	18	17	14	55	53	10
504565	KO3300A18	9/16	20	18	16	55	60	10
504566	KO3300A20	5/8	22	20	17	55	76	10
504567	KO3300A22	11/16	23.5	22	18	55	93	10
504568	KO3300A24	3/4	25	24	20	55	98	10
504569	KO3300A26	13/16	27	26	22	65	126	10
504570	KO3300A28	7/8	29	28	23	65	163	10

RS3300M/12
RS3305M/12

Socket Set on Rail

Item Code	Part No.	Socket Sets	(g)
505573	KORS3300M/12	RS3300M: 12 Pieces Set/Rail 300mm 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	878
505578	KORS3305M/12	RS3305M: 12 Pieces Set/Rail 300mm 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	878

RS3300A/9
RS3305A/9

Socket Set on Rail

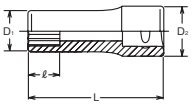
Item Code	Part No.	Socket Sets	(g)
505571	KORS3300A/9	RS3300A: 9 Pieces Set/Rail 200mm 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"	628
505577	KORS3305A/9	RS3305A: 9 Pieces Set/Rail 200mm 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"	628

^ = non stocked line

3/8" Sockets & Accessories

3305M
3305A

12-point Deep Sockets



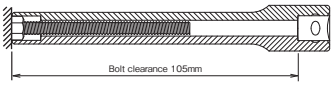
Item Code	Part No.	3305M (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504613	KO3305M06	6	9.9	17.3	7	55	37	10
504614	KO3305M07	7	10.6	17.3	8	55	37	10
504615	KO3305M08	8	12	17.3	9	55	40	10
504616	KO3305M09	9	13	17.3	10	55	42	10
504617	KO3305M10	10	14.5	17.3	11	55	46	10
504618	KO3305M11	11	16	17.3	12	55	51	10
504619	KO3305M12	12	16.8	17.2	13	55	52	10
504620	KO3305M13	13	18	17	14	55	53	10
504621	KO3305M14	14	20	18	16	55	60	10
504622	KO3305M15	15	21	20	16	55	74	10
504623	KO3305M16	16	22	20	17	55	76	10
504624	KO3305M17	17	23.5	22	18	55	93	10
504625	KO3305M18	18	24.5	23	19	55	98	10
504626	KO3305M19	19	25	24	20	55	98	10
504627	KO3305M21	21	27	26	22	65	126	10
504628	KO3305M22	22	29	28	23	65	163	10
504629	KO3305M23	23	30	29	24	65	168	10
504630	KO3305M24	24	31	30	25	65	191	10

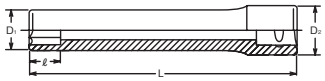
Item Code	Part No.	3305A (inch)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504602	KO3305A08	1/4	9.9	17.3	7	55	37	10
504603	KO3305A10	5/16	12	17.3	9	55	40	10
504604	KO3305A12	3/8	14	17.3	11	55	46	10
504605	KO3305A14	7/16	16	17.3	12	55	51	10
504606	KO3305A16	1/2	18	17	14	55	53	10
504607	KO3305A18	9/16	20	18	16	55	60	10
504608	KO3305A20	5/8	22	20	17	55	76	10
504609	KO3305A22	11/16	23.5	22	18	55	93	10
504610	KO3305A24	3/4	25	24	20	55	98	10
504611	KO3305A26	13/16	27	26	22	65	126	10
504612	KO3305A28	7/8	29	28	23	65	163	10

3300M (L120)

6-point Extra Deep Sockets

3300M-Size(L120) EXTRA DEEP SOCKET





Item Code	Part No.	3300M (L120) (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504580	KO3300M08L120	8	12	17.3	9	120	85	10
504583	KO3300M10L120	10	14.5	17.3	11	120	110	10
504586	KO3300M12L120	12	16.8	17.2	13	120	116	10
504589	KO3300M14L120	14	20	18	16	120	166	5

3300M/4-L120

Socket Set

PLASTIC BAG

Item Code	Part No.	4 Piece Socket Set	(g)
504576	KO3300M/4-120	3300M(L120) 6-point Extra Deep Sockets 8, 10, 12, 142mm	477

3215A

Socket Sets

PLASTIC BAG

Item Code	Part No.	7 Piece Socket Sets	(g)
504542	KO3215A	3305A 12-pt. Deep Sockets 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16"	430

RS3300W/7

6 Point Whitworth Socket Set on Rail

Item Code	Part No.	Socket Sets	(g)
505574	KORS3300W/7	RS3300W: 7 Pieces Set/Rail 200mm 1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2"	719

RS3325/9

Socket Set on Rail

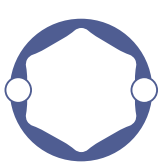
Item Code	Part No.	Torx Deep Socket Set	(g)
505579	KORS3325/9	RS3325: 9 Pieces Set/Rail 200mm E4, E5, E6, E7, E8, E10, E12, E14, E16	420

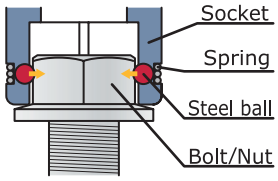
3/8" Sockets & Accessories

RS3350M/5

Nut Grip® Deep Socket Set on Rail

Item Code	Part No.	Nut Grip® Deep Socket Set	(g)
505580^	KO3350M/5	3350M: 5 Pieces Set/Rail 150mm 8, 10, 12, 13, 14	322





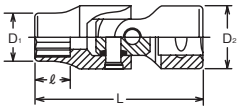
RS3440M/8
RS3440A /8

Socket Set on Rail

Item Code	Part No.	Universal Socket Sets	(g)
505591	KORS3440M/8	RS3440M: 8 Pieces Set/Rail 200mm 8, 10, 11, 12, 13, 14, 17, 19mm	550
505590	KORS3440A/8	RS3440A: 8 Pieces Set/Rail 200mm 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"	570

3445M · 3445A

12-point Universal Sockets

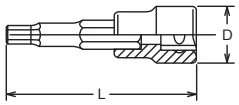


Item Code	Part No.	3445M (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504736	KO3445M10	10	14.5	19	8.8	48.5	64	10
504737	KO3445M11	11	15.8	19	9.8	49.5	66	10
504738	KO3445M12	12	17	19	10.3	50	67	10
504739	KO3445M13	13	18.3	19	11.3	51	68	10
504740	KO3445M14	14	19.5	19	11.3	51	69	10
504741	KO3445M15	15	20.8	19	12.8	53.5	70	10
504742	KO3445M16	16	22	19	12.8	53.5	77	10
504743	KO3445M17	17	23.3	19	13.8	54.5	80	10
504744	KO3445M19	19	25.8	19	15.8	56.5	84	10

Item Code	Part No.	3445A (inch)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504732	KO3445A12	3/8	14	19	8.3	48	64	10
504733	KO3445A14	7/16	15.8	19	9.8	49.5	66	10
504734	KO3445A16	1/2	18.3	19	11.3	51	68	10
504735	KO3445A18	9/16	19.5	19	11.3	51	69	10

3010M-62

Inhex Bit Sockets



Item Code	Part No.	3010M.62 (mm)	D (mm)	L (mm)	(g)	(pcs.)
504456^	KO3010M6203	3	18	62	43	10
504457^	KO3010M6204	4	18	62	45	10
504458	KO3010M6205	5	18	62	48	10
504460^	KO3010M6207	7	18	62	50	10
504461^	KO3010M6208	8	18	62	62	10
504462^	KO3010M6210	10	20	62	76	10
504463^	KO3010M6212	12	20	62	94	10

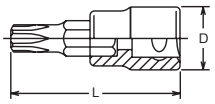
RS3010M/8-L38
RS3010M/8-L62
RS3010M/8-L100

Socket Set on Rail

Item Code	Part No.	Inhex Socket Sets	(g)
505560	KORS3010M/8-38	3010M.38: 8 Piece Set/Rail 200mm 3, 4, 5, 6, 7, 8, 10, 12mm	322
505561	KORS3010M/8-62	3010M.62: 8 Piece Set/Rail 200mm 3, 4, 5, 6, 7, 8, 10, 12mm	490
505562^	KORS3010M8-L100	3010M.100: 8 Piece Set/Rail 200mm 3, 4, 5, 6, 7, 8, 10, 12mm	645

3025 (T)

TORX® Bit Sockets



Item Code	Part No.	3025.38 (T)	D (mm)	L (mm)	(g)	(pcs.)
504496	KO3025-38T10	T10	18	38	32	10
504497	KO3025-38T15	T15	18	38	33	10
504498	KO3025-38T20	T20	18	38	33	10
504499	KO3025-38T25	T25	18	38	33	10
504500	KO3025-38T27	T27	18	38	33	10
504501	KO3025-38T30	T30	18	38	33	10
504502	KO3025-38T40	T40	18	38	34	10
504503	KO3025-38T45	T45	18	38	37	10

Item Code	Part No.	3025.50 (T)	D (mm)	L (mm)	(g)	(pcs.)
504513	KO3025T10	T10	18	50	36	10
504514	KO3025T15	T15	18	50	36	10
504515	KO3025T20	T20	18	50	36	10
504516	KO3025T25	T25	18	50	37	10
504517	KO3025T27	T27	18	50	37	10
504518	KO3025T30	T30	18	50	38	10
504519	KO3025T40	T40	18	50	39	10
504520	KO3025T45	T45	18	50	41	10
504521	KO3025T50	T50	20	50	55	10
504522	KO3025T55	T55	20	50	67	10

^ = non stocked line

3/8" Sockets & Accessories

RS3025/8-L50

TORX® Socket Set on Rail

Item Code	Part No.	TORX® Socket Set	(g)
505565	KORS3025/8	3025(T).50: 8 Piece Set/Rail 200mm T10, T15, T20, T25, T27, T30, T40, T45	320

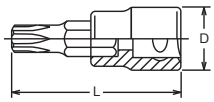
RS3025/8-L100R

Long TORX® Socket Set on Rail

Item Code	Part No.	Inhex Socket Sets	(g)
505566^	KORS3025/8-L100R	3025-100R (T): 8 Piece Set/Rail 200mm T20, T25, T27, T30, T40, T45, T50, T55	490

3025 (TH)

Tamper-Resistant TORX® Bit Sockets



Item Code	Part No.	3025.50 (TH)	D (mm)	L (mm)	(g)	(pcs.)
504504	KO3025-50TH10	T10H	18	50	37	10
504505	KO3025-50TH15	T15H	18	50	38	10
504506	KO3025-50TH20	T20H	18	50	38	10
504507	KO3025-50TH25	T25H	18	50	38	10
504508	KO3025-50TH27	T27H	18	50	38	10
504509	KO3025-50TH30	T30H	18	50	39	10
504510	KO3025-50TH40	T40H	18	50	40	10
504511	KO3025-50TH45	T45H	18	50	41	10
504512	KO3025-50TH50	T50H	20	50	61	10

Tamper Resistant TORX® Bit Sockets have less strength due to special design.
Make sure to use it correctly.

RS3025/9-HOLE

Tamper-Resistant TORX® Socket Set on Rail

Item Code	Part No.	Tamper Resistant TORX® Socket Set	(g)
505568	KORS3025/9TP	3025.50 (TH): 9 Piece Set/Rail 200mm T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H	405

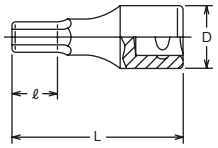
RS3025/9-PR

PENTA-LOBE Socket Set on Rail

Item Code	Part No.	Penta-Lobe Bit Socket Set	(g)
505567	KORS3025/9(PR)	3025 (PR): 9 Piece Set/Rail 200mm 10PR, 15PR, 20PR, 25PR, 27PR, 30PR, 40PR, 45PR, 50PR	395

3012M
3012A

Inhex Sockets, Non-impact



Item Code	Part No.	3012M.52 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504479	KO3012M5203	3	18	10	52	35	10
504480	KO3012M5204	4	18	15.5	52	38	10
504481	KO3012M5205	5	18	15.5	52	40	10
504482	KO3012M5206	6	18	15.5	52	42	10
504483	KO3012M5207	7	18	15.5	52	46	10
504484	KO3012M5208	8	18.5	15.5	52	50	10
504485	KO3012M5209	9	18.5	15.5	52	55	10
504486	KO3012M5210	10	20	15.5	52	66	10
504487	KO3012M5211	11	20	15.5	52	72	10
504488	KO3012M5212	12	20	15.5	52	77	10
504489	KO3012M5213	13	20	15.5	52	82	10
504490	KO3012M5214	14	20	15.5	52	89	10

3012M/A are for hand use only.
Do not use with a power or impact wrench.

Item Code	Part No.	3012A.52 (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504467	KO3012A5204	1/8	18	10	52	35	10
504468	KO3012A5205	5/32	18	15.5	52	38	10
504469	KO3012A5206	3/16	18	15.5	52	40	10
504470	KO3012A5207	7/32	18	15.5	52	42	10
504471	KO3012A5208	1/4	18	15.5	52	44	10
504472	KO3012A5209	9/32	18	15.5	52	46	10
504473	KO3012A5210	5/16	18.5	15.5	52	50	10
504474	KO3012A5211	11/32	18.5	15.5	52	55	10
504475	KO3012A5212	3/8	20	15.5	52	65	10
504476	KO3012A5214	7/16	20	15.5	52	72	10
504477	KO3012A5216	1/2	20	15.5	52	82	10
504478	KO3012A5218	9/16	20	15.5	52	89	10

Item Code	Part No.	3012M.75 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504491	KO3012M7504	4	18	15.5	75	43	10
504492	KO3012M7505	5	18	15.5	75	48	10
504493	KO3012M7506	6	18	15.5	75	53	10
504494	KO3012M7508	8	18.5	15.5	75	72	10
504495	KO3012M7510	10	20	15.5	75	114	10

3/8" Sockets & Accessories

RS3012M/8-L52
RS3012A /8-L52

Socket Set on Rail

Item Code	Part No.	Inhex Socket Sets	(g)
505564	KORS3012M52/8	3012M.52: 8 Piece Set/Rail 200mm 3, 4, 5, 6, 7, 8, 10, 12mm	394
505563	KORS3012A52/8	3012A.52: 8 Piece Set/Rail 200mm 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2"	425

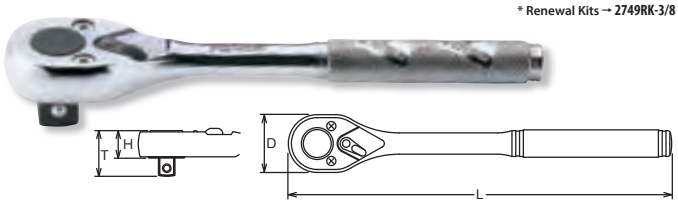
3012M/A are for hand use only.
Do not use with a power or impact wrench.

2749N-3/8

Reversible Ratchet

S.O.D.J.H.-System 24

* Renewal Kits → 2749RK-3/8



Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
504399	KO2749N-3/8	25	21.9	11.2	125	104	10

2749-3/8 series have less strength compared with normal 3/8" ratchet due to the technical design. Make sure to use the ratchet correctly.

3749S

Reversible Ratchet Short

S.O.D.J.H.-System | Two-Step Dog 2 | 24

* Renewal Kits → 3749RK

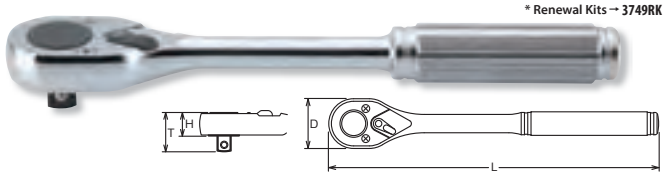
Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
504751	KO3749S	34	24.8	14.1	110	183	5

3749N

Reversible Ratchet

S.O.D.J.H.-System | Two-Step Dog 2 | 24

* Renewal Kits → 3749RK



Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
504748	KO3749N	34	24.8	14.1	200	340	1

3752N

Reversible Ratchet

L/R Marking | 45

* Renewal Kits → 3752RK

Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
504755	KO3752N	33	34.3	23.9	200	310	1

[L/R Marking]

A pointer and L/R markings on the ratchet head Indicate the turning direction.
The reduced diameter of the head allows easier access in tight spots.

3776N

Swivel Head Ratchet

Swivel Head | L/R Marking | 45

* Renewal Kits → 3752RK

3776P

Swivel Head Ratchet

Swivel Head | L/R Marking | 45

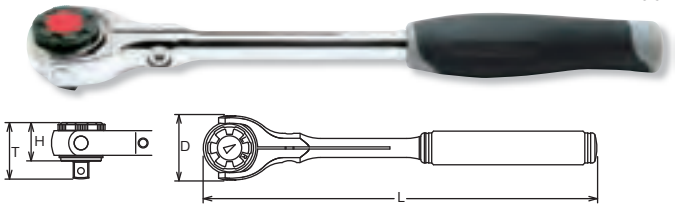
* Renewal Kits → 3752RK

3776J

Swivel Head Ratchet

Swivel Head | L/R Marking | 45

* Renewal Kits → 3752RK



Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
504807	KO3776N	44	34.3	23.9	280	565	1
504808	KO3776P	44	34.3	23.9	280	560	1
504806	KO3776J	44	34.3	23.9	280	510	1

3753SM

Multi Purpose Ratchet, Reversible

S.O.D.J.H.-System | Two-Step Dog 2 | 24

* Renewal Kits → 3753RK

Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
504764	KO3753SM	30.5	26.4	15.7	81	175	5

^ = non stocked line

3/8" Sockets & Accessories

3753N
Reversible Ratchet

S.O.D.H-System | 2 Two-Step Dog | 24

* Renewal Kits → 3753RK

3753P
Reversible Ratchet

S.O.D.H-System | 2 Two-Step Dog | 24

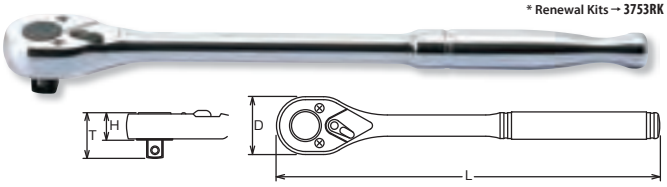
* Renewal Kits → 3753RK

Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
504758	KO3753N	30.5	26.4	15.7	200	320	1
504760	KO3753P	30.5	26.4	15.7	200	286	1

3753P-250
Reversible Ratchet Long

S.O.D.H-System | 2 Two-Step Dog | 24

* Renewal Kits → 3753RK

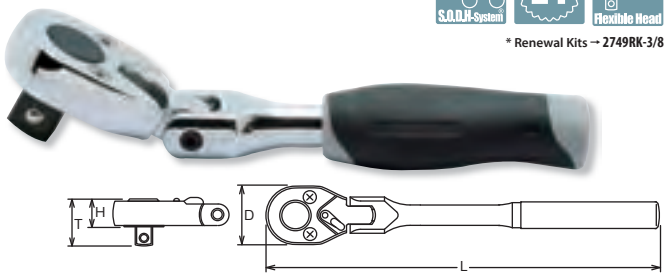


Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
504761	KO3753P-250	30.5	26.4	15.7	250	335	1

2774JS-3/8
Flexible Ratchet, Reversible ⚠

S.O.D.H-System | 24 | Flexible Head

* Renewal Kits → 2749RK-3/8



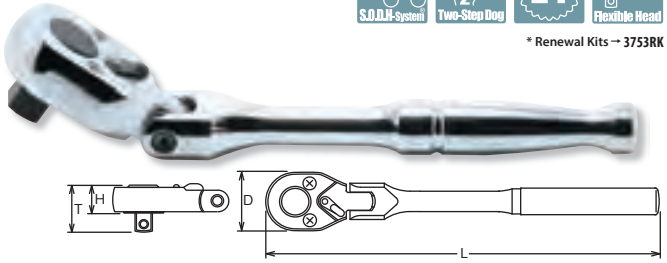
Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
504438	KO2774JS-3/8	25	21.9	11.2	120	113	5

⚠ 2774-3/8 series have less strength compared with normal 3/8" ratchet due to the technical design. Make sure to use the ratchet correctly.

3774PS
Flexible Ratchet, Reversible

S.O.D.H-System | 2 Two-Step Dog | 24 | Flexible Head

* Renewal Kits → 3753RK



Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
504802	KO3774PS	30.5	26.4	15.7	175	250	2

3774N
Flexible Ratchet, Reversible

S.O.D.H-System | 2 Two-Step Dog | 24 | Flexible Head | OVAL Shank

* Renewal Kits → 3753RK

3774P
Flexible Ratchet, Reversible

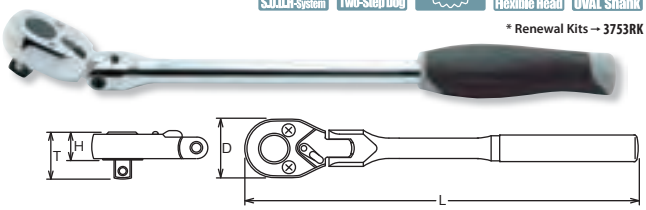
S.O.D.H-System | 2 Two-Step Dog | 24 | Flexible Head | OVAL Shank

* Renewal Kits → 3753RK

3774J
Flexible Ratchet, Reversible

S.O.D.H-System | 2 Two-Step Dog | 24 | Flexible Head | OVAL Shank

* Renewal Kits → 3753RK

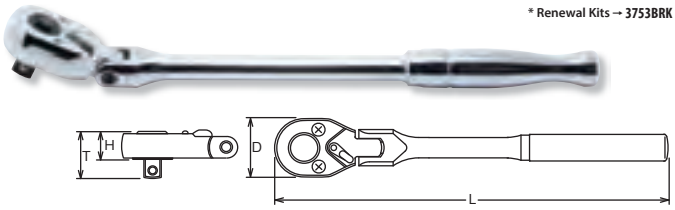


Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
504798	KO3774N	30.5	26.4	15.7	265	378	2
504800	KO3774P	30.5	26.4	15.7	265	378	2
504797	KO3774J	30.5	26.4	15.7	285	367	1

3774PB ⚠
Flexible Ratchet, reversible with quick release button

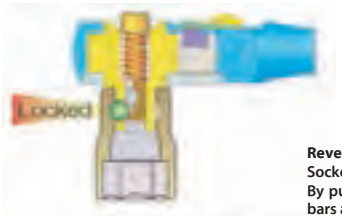
S.O.D.H-System | 2 Two-Step Dog | 24 | Quick Release | Flexible Head | OVAL Shank

* Renewal Kits → 3753BRK



Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
504801	KO3774PB	30.5	26.4	15.7	265	373	2

⚠ Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.



Reversible Ratchet with Quick Release Button :
Sockets and accessories are safely locked.
By pushing the button the sockets or extension bars are released from the ratchet.

3/8" Sockets & Accessories

3774NL Flex-Head Ratchet with Head Lock Button

* Renewal Kits → 3753RK

Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
504799^	KO3774NL	30.5	26.4	15.7	265	378	2

Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

3775 Flex-Head Ratchet

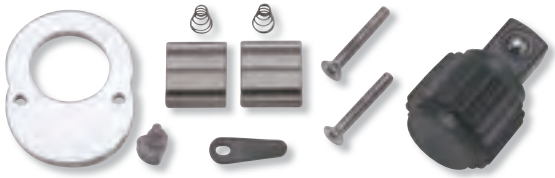
44 GEARS

Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
504804	KO3775	36	28.6	15.7	250	374	2

Renewal Kits

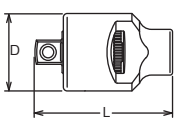
3752RK 3752N, 3752J, 3757, 3776N, 3776P, 3776J

3753RK 3753SM, 3753N, 3753P, 3753P-250, 3753J, 3774PS, 3774D-SR D3753J, 3774N, 3774P, 3774J, 3774NL, 3774PL, 3774JL



Item Code	Part No.		(g)	(pce.)
504756	KO3752RK	3/8"	84	1
504762	KO3753RK		76	1

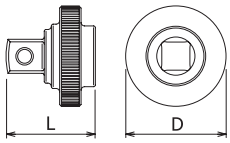
3755 Ratchet Adaptor



* Renewal Kits → 3755RK

Item Code	Part No.	D (mm)	L (mm)	(g)	(pcs.)
504765	KO3755	30.5	55	146	5

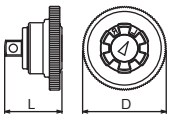
3756 Quick Spinner



Item Code	Part No.	D (mm)	L (mm)	(g)	(pcs.)
504767	KO3756	30.5	25.5	47	10

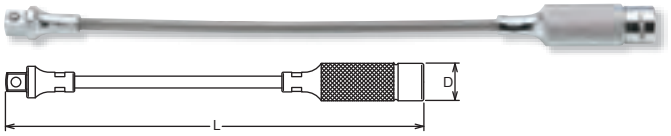
3757 Ratchet Wheel

* Renewal Kits → 3752RK



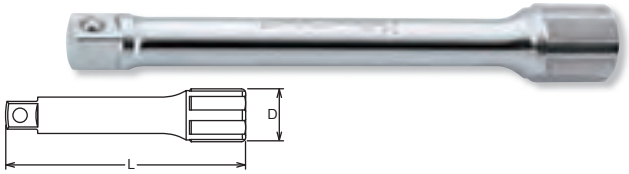
Item Code	Part No.	D (mm)	L (mm)	(g)	(pcs.)
504768	KO3757	50	35	155	5

3762 Flexible Extension Bar



Item Code	Part No.	D (mm)	L (mm)	(g)	(pcs.)
504779	KO3762	19.3	300	178	2

3760 Extension Bars



Item Code	Part No.	D (mm)	L (mm)	(g)	(pcs.)
504770	KO3760032	18	32	27	10
504771	KO3760050	18	50	47	10
504772	KO3760075	18	75	68	10
504774	KO3760125	18	125	106	10
511083	KO3760150	18	150	125	10
504775	KO3760250	18	250	196	5
504776	KO3760400	18	400	365	1
504777	KO3760600	18	600	538	1
504778	KO3760900	18	900	805	1
504773	KO37601000	18	1000	968	1

^ = non stocked line

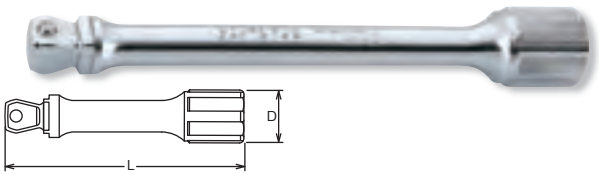
3/8" Sockets & Accessories

PK3760/6 Extension Bar Set

6 Piece Set
PLASTIC TRAY

Item Code	Part No.	Extension Bars	(g)
505536	KOPK3760/6	3760 Extension Bars 32, 50, 75, 125, 150, 250	670

3763 Wobble-Fix Extension Bars



Item Code	Part No.	D (mm)	L (mm)	(g)	(pcs.)
504780	KO3763032	18	32	26	10
504781	KO3763050	18	50	42	10
504782	KO3763075	18	75	57	10
504783	KO3763125	18	125	80	10
504784	KO3763150	18	150	98	10
504785	KO3763250	18	250	144	5

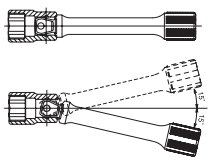
The Wobble-Fix Extension Bar has less strength than normal extension bar due to it's specific design with a reduced square drive. Make sure to use it correctly.

PK3763/6 Wobble-Fix Extension Bar Set

6 Piece Set
PLASTIC TRAY

Item Code	Part No.	Extension Bars	(g)
505537	KOPK3763/6	3763 Wobble-Fix Extension Bars 32, 50, 75, 125, 150, 250	560

Wobble-Fix Extension Bar
Two way usage : one for as a flexible extension bar to provide at 15° angle operation, the other for use as a normal extension bar. This usage is Patented.



The Wobble-Fix Extension Bar has less strength than normal extension bar due to it's specific design with a reduced square drive. Make sure to use it correctly.

3768N-175 Hinge Handle

OVAL Shank

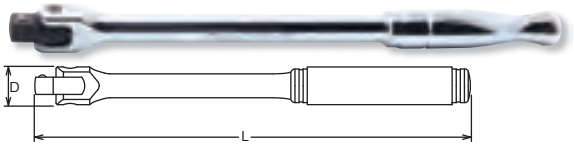
* Renewal Kits → 3768RK

3768N-250 Hinge Handle

OVAL Shank

* Renewal Kits → 3768RK

3768P-250 Hinge Handle



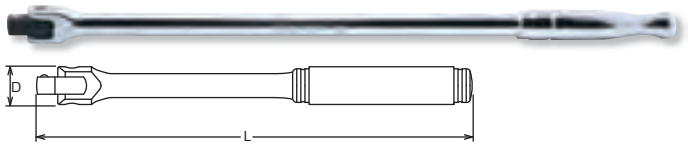
OVAL Shank

* Renewal Kits → 3768RK

Item Code	Part No.	D (mm)	L (mm)	(g)	(pcs.)
504786	KO3768175	20.5	175	255	5
504787	KO3768250	20.5	250	290	5
504788	KO3768P250	20.5	250	275	5

3768P-380 Hinge Handle

* Renewal Kits → 3768RK



Item Code	Part No.	D (mm)	L (mm)	(g)	(pcs.)
504789	KO3768P380	20.5	380	435	2

KO3768P380 has a longer handle than standard, and can be loaded to excessive torque value. In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

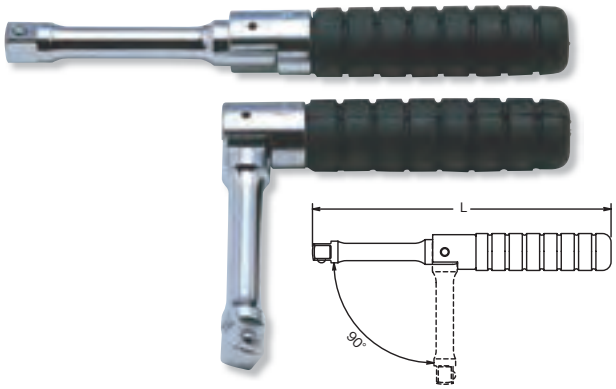
3769N-160 Spin Type Handle

Item Code	Part No.	ℓ (mm)	L (mm)	(g)	(pcs.)
504792	KO3769N-160	50	160	96	2

Plastic or rubber handles are not intended to act as insulation.

3/8" Sockets & Accessories

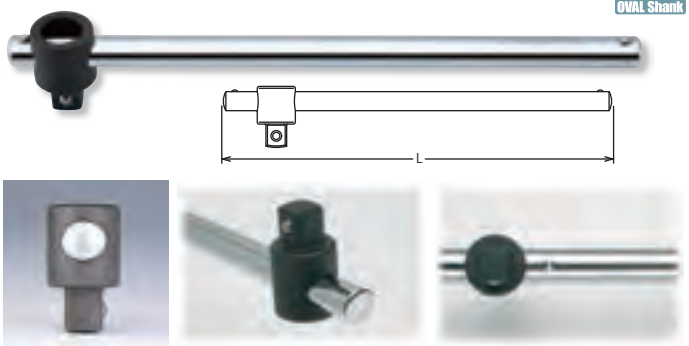
3769H Folding Socket Driver



Item Code	Part No.	L (mm)	(g)	(pcs.)
504791	KO3769H	170	210	2

3785 T-Handle

OVAL Shank



Innovative Oval shaped bar provides higher durability and stops the sliding square part turning around the bar.

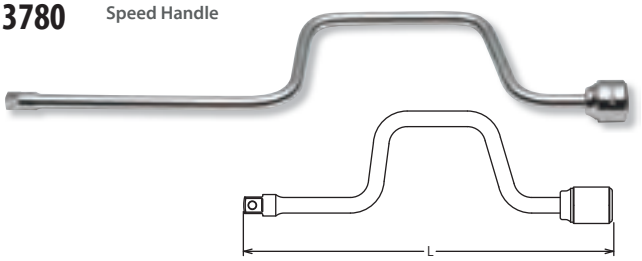
Item Code	Part No.	L (mm)	(g)	(pcs.)
504811	KO3785	200	157	5

3770 Universal Joint

3771 Universal Joint

Item Code	Part No.	L (mm)	(g)	(pcs.)
504794	KO3770	50	66	10
504796	KO3771	43	46	10

3780 Speed Handle



Item Code	Part No.	L (mm)	(g)	(pce.)
504809	KO3780	400	432	1

3322A Adaptor Warranty 86Nm

Item Code	Part No.	D (mm)	(sq)	L (mm)	(g)	(pcs.)
504636	KO3322A	3/8"	1/4"	24	18	10

Adapting down from bigger square drive to smaller square drive may lead to excessive torque and possibly cause breakage.

3344A Adaptor

Item Code	Part No.	(sq)	(sq)	L (mm)	(g)	(pcs.)
504638	KO3344A	3/8"	1/2"	30	35	10

Adapting down from bigger square drive to smaller square drive may lead to excessive torque and possibly cause breakage.

PK2346/6 Adaptor Set

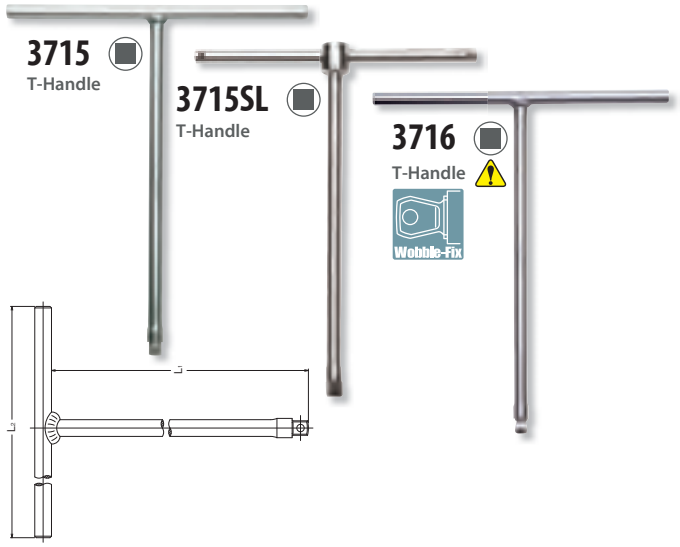
2233A	1/4" X 3/8"		
3322A	3/8" X 1/4"	Warranty	86Nm
3344A	3/8" X 1/2"		
4433A	1/2" X 3/8"	Warranty	290Nm
4466A	1/2" X 3/4"		
6644A	3/4" X 1/2"	Warranty	668Nm

PLASTIC TRAY 6 Piece Set/⚖=460g

Item Code	Part No.	Adaptors			
505533	KOPK2346/6	1/4"□→3/8"▯	2233A	3/8"□→1/4"▯	3322A
		3/8"□→1/2"▯	3344A	1/2"□→3/8"▯	4433A-35
		1/2"□→3/4"▯	4466A	3/4"□→1/2"▯	6644A

^ = non stocked line

3/8" Sockets & Accessories

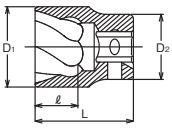


Item Code	Part No.		L1 (mm)	L2 (mm)	(g)	(pce.)
504745	KO3715	3/8"	268	240	386	1
504746	KO3715SL		237	200	325	1
504747	KO3716		268	240	379	1

⚠ 3715/3716 This tool is used sockets in hard to reach places. 3716 has a reduced square drive and similar function as offset extention bars.

3127

NUTTWISTER®

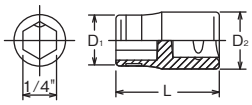


Item Code	Part No.	3127 (mm)		D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504523	KO3127M08	8	3/8"	11.5	19	8	32	40	10
504524	KO3127M09	9		13	19	8	32	40	10
504525	KO3127M10	10		14.8	19	10	32	41	10
504526	KO3127M11	11		16	19	10	32	43	10
504527	KO3127M12	12		17	19	12	32	44	10
504528	KO3127M13	13		18.5	19	12	32	46	10
504529	KO3127M14	14		19.7	19	14	32	48	10
504530	KO3127M15	15		20.7	19	14	32	52	10
504531	KO3127M16	16		22.2	22	14	32	66	10
504532	KO3127M17	17		23.5	22	16	35	80	10

⚠ A very effective method and easy solution for removing rounded off nuts, bolts and studs. The sharp edges of the NUTTWISTER® Socket opening will tighten around the nut, bolt or stud and turn it easily off.

3137

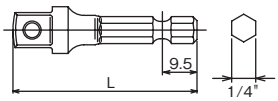
Bit Holder



Item Code	Part No.		D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
504533	KO3137	3/8"	13	16.5	30	30	10

112

Adaptors



Item Code	Part No.		TYPE	L (mm)	(g)	(pcs.)
503650	KO112050	3/8"	Ball	50	21	10
503651	KO112100		Ball	100	71	10

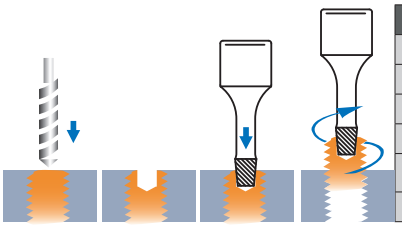
RS3129/6-L32

BOLT TWISTER® Socket Set on Rail

RS3129/6-L60

BOLT TWISTER® Socket Set on Rail

Item Code	Part No.	Socket Sets	(g)
505569	KORS3129/6-L32	RS3129-32: 6 Piece Set / Rail 150mm 2, 3, 4, 6, 8, 10	250
505570	KORS3129/6-L60	RS3129-60: 6 Piece Set / Rail 150mm 2, 3, 4, 6, 8, 10	320



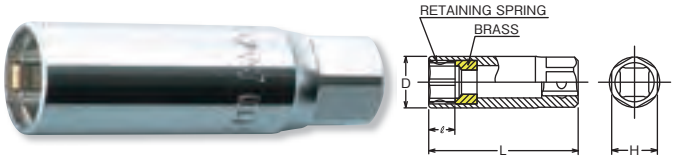
BOLTTWISTER	Bolt size	Drill size
2	M5	Ø 2.4– 2.6
3	M6	Ø 3.2– 3.5
4	M8	Ø 4.2– 4.5
6	M10–M12	Ø 6.2– 6.5
8	M14–M16	Ø 8.2– 8.5
10	M18–M20	Ø10.2–10.5

Effective method and easy solution for removing twisted off bolt. Drill a hole in the center of bolt and drive BOLTTWISTER® firmly into the hole. The sharp spiral edges will hold the broken bolt and easily remove it.

3/8" Sockets & Accessories

3300C

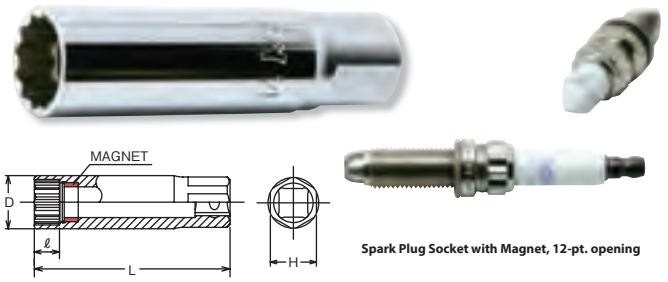
Spark Plug Sockets with Spring Clips



Item Code	Part No.	3300C (mm)		D (mm)	ℓ (mm)	L (mm)	H (mm)	(g)	(pcs.)
504572	KO3300C14	14	3/8"	19	11	70	17	82	10
504573	KO3300C16	16		20.5	13	70	17	91	10
504574	KO3300C18	18		23.9	12	70	21	140	10
504575	KO3300C20.8	20.8		26.9	13.5	70	22	132	10

3305P

Spark Plug Socket with Magnet, 12-pt. opening



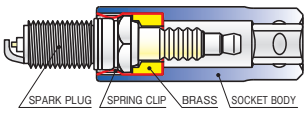
Spark Plug Socket with Magnet, 12-pt. opening

Item Code	Part No.	3305P (mm)		D (mm)	ℓ (mm)	L (mm)	H (mm)	(g)	(pcs.)
504631	KO3305P14	14	3/8"	19	8	70	17	87	10

3300S

Spark Plug Sockets with Rubber

Item Code	Part No.	3300S (mm)		D (mm)	ℓ (mm)	L (mm)	H (mm)	(g)	(pcs.)
504599	KO3300S16	16	3/8"	20.9	19	70	17	100	10
504600	KO3300S18	18		23.9	21	70	21	145	10
504601	KO3300S20.8	20.8		26.9	27	70	22	140	10



SPARK PLUG SOCKETS with SPRING CLIP
This revolutionary new spark plug socket is designed to securely grip a spark plug at its hexagonal part by two stainless spring clips. The clips are held in place by an internal brass guide which ensures perfect alignment of the spark plug into the threaded plug hole of the cylinder head, thus preventing thread damage. The brass guide also eliminates stress loading and possible damage to the ceramic insulator of the spark plug.

3201AMW

Socket Set

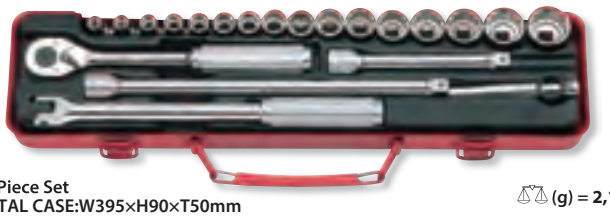
42 Piece Set
METAL CASE:W445×H190×T50mm

⚖ = 4,700g

Item Code	Part No.	Sockets	Accessories
504537	KO3201AMW	**3405M** 12-pt. Sockets 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm	3753N, 3760-75, 3760-125, 3760-250, 3768N-250, 3769N-160, 3770, 3780, 3785, 3344A
		3405A 12-pt. Sockets 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8"	
		3405W 12-pt. Sockets 1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2"	

3206M

Socket Set



21 Piece Set
METAL CASE:W395×H90×T50mm

⚖ (g) = 2,100

Item Code	Part No.	Sockets	Accessories
504540	KO3206M	3400M 6-pt. Sockets 6, 7, 8, 9, 10, 11, 12	3753N, 3760-125, 3760-250, 3768N-250, 3785
		3405M 12-pt. Sockets 13, 14, 15, 16, 17, 18, 19, 21, 22	

3229

Spark Plug Socket Set with Spring Clips

3 Piece Set
METAL CASE

Item Code	Part No.	Sockets	⚖ (g)
504552	KO3229	3300C Spark Plug Sockets with Metal Spring Clips : 16, 18, 20.8mm	700

^ = non stocked line

3/8" Sockets & Accessories

3206AM Socket Set

27 Piece Set
METAL CASE:W445×H190×T50mm

⚖ = 3,500g

Item Code	Part No.	Sockets		Accessories
504539	KO3206AM	◯	3405M 12-pt. Sockets 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22mm	3753N 3760-125 3760-250 3768N-250 3770
		◯	3405A 12-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8,11/16, 3/4, 13/16, 7/8"	
		⬡	3300C Spark Plug Socket 20.8mm	

3210M Socket Set

22 Piece Set
METAL CASE:W395×H90×T50mm

⚖ (g) = 2,900

Item Code	Part No.	Sockets	Accessories
504541	KO3210M	⬡ 3400M 6-pt. Sockets 6, 7, 8, 9, 10, 11, 12	3753N 3760-125 3760-250 3768N-250 3770 3785
		◯ 3405M 12-pt. Sockets 13, 14, 15, 16, 17, 18, 19, 21, 22	

3217M 3217MS 3217A Socket Set

METAL CASE

Item Code	Part No.	Sockets		⚖ (g)
504546	KO3217M	◯	3405M 12-pt. Sockets 14 Piece Set 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	850
504547	KO3217MS	⬡	3405M 6-pt. Sockets 14 Piece Set 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	850
504545	KO3217A	⬡	3405A 6-pt. Sockets 13 Piece Set 5/16, 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 3/4, 25/32, 13/16, 7/8, 1 1/16	790

3220M Socket Set

14 Piece Set
METAL CASE:W415×H120×T50mm

⚖ (g) = 2,270

Item Code	Part No.	Sockets	Accessories
504548	KO3220M	◯ 3405M 12-pt. Sockets 8, 9, 10, 11, 12, 13, 14, 17, 19, 21, 22mm	3753N 3760-125 3768N-250

3225A Set for Torque Controlled Installation of Spark Plugs

TORQUE RATCHET
The torque is set at 25Nm. When the torque is loaded higher than 25Nm, the gear slips and no increased torque is transmitted. Cylinder heads and spark plugs are protected by this mechanism.

4 Piece Set
METAL CASE:W215×H80×T47mm

Item Code	Part No.	Sockets	Accessories	⚖ (g)
504551	KO3225A	⬡ 3300C Spark Plug Sockets 16, 20.8	3751J-25 3763-125	960

3/8" Sockets & Accessories

3275 Socket Set

24 Piece Set
METAL CASE:W400×H147×T50mm

⚖ = 3,150g

Item Code	Part No.	Sockets		Accessories
504556^	KO3275		**3400M** 6-pt. Sockets 6, 7, 8, 9, 10, 11, 12	3753N 3760-125 3760-250 3768N-250 3770 3756
			3405M 12-pt. Sockets 13, 14, 15, 16, 17, 18, 19, 21, 22	
			3300C Spark Plug Sockets 16, 20.8	

3276 Bit Socket Set

20 Piece Set
METAL CASE:W310×H150×T50mm

⚖ = 3,370g

Item Code	Part No.	Sockets		Accessories
504557^	KO3276		**3000** Bit Sockets 2, 3	3753N 3763-125
			3005 Bit Sockets 5, 8	
			3010M.62 Hex Bit Sockets 5, 6, 7, 8, 10	
			3025.50 TORX® Bit Sockets T10, T15, T20, T25, T27, T30, T40, T45, T50	

3277 Socket Set

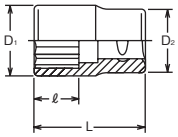
29 Piece Set
METAL CASE:W370×H150×T50mm

⚖ = 3,240g

Item Code	Part No.	Sockets		Accessories
504558	KO3277		**3400M** 6-pt. Sockets 8, 9, 10, 11, 12mm	3753N 3760-125 3768N-250
			3405M 12-pt. Sockets 13, 14, 15, 16, 17, 18, 19, 21mm	
			3300M 6-pt. Deep Sockets 8, 9, 10, 11, 12mm	
			3305M 12-pt. Deep Sockets 13, 14, 15, 16, 17, 18, 19, 21mm	

1/2" Sockets & Accessories

4400M · 4400A ◯ 6-Point Sockets



Item Code	Part No.	4400M (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
505095	KO4400M08	8	13.2	21	8	36	44	10
505096	KO4400M09	9	13.8	21	8.5	37	44	10
505097	KO4400M10	10	15.3	21	9	37	45	10
505098	KO4400M11	11	16.5	21	9.5	37	46	10
505099	KO4400M12	12	17.8	21	10	37	47	10
505100	KO4400M13	13	19	22	10.5	37	53	10
505101	KO4400M14	14	20.3	22	11	37	56	10
505102	KO4400M15	15	21.5	22	11.5	37	57	10
505103	KO4400M16	16	22.8	22	12	37	62	10
505104	KO4400M17	17	24	23	12.5	37	69	10
505105	KO4400M18	18	25	24	13	37	74	10
505106	KO4400M19	19	26.5	25	14	38	89	10
505107	KO4400M20	20	27.8	26	15	38	92	10
505108	KO4400M21	21	29	27	15.5	38	102	10
505109	KO4400M22	22	30	28	16	40	113	10
505110	KO4400M23	23	31.5	29	16.5	40	128	10
505111	KO4400M24	24	32.8	30	17	42	140	5
505112	KO4400M25	25	34	31	18	42	164	5
505113	KO4400M26	26	35	32	19	42	165	5
505114	KO4400M27	27	36.5	33	19.5	43	182	5
505115	KO4400M28	28	37.8	34	20	43	198	5
505116	KO4400M29	29	39	35	20.5	43	205	5
505117	KO4400M30	30	40	36	22	46	222	5
505118	KO4400M31	31	41.5	37	22.5	46	246	5
505119	KO4400M32	32	42.8	38	23	46	261	5
505120	KO4400M33	33	44.2	39	24	47	275	5
505121	KO4400M34	34	45.2	40	24	47	315	5
505122	KO4400M35	35	46.2	40	24	47	317	5
505123	KO4400M36	36	47.2	41	24	47	336	5

4405M · 4405A ◯ 12-Point Sockets

Item Code	Part No.	4400M (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
505148	KO4405M07	7	11.5	21	7	36	43	10
505149	KO4405M08	8	13.2	21	8	36	44	10
505150	KO4405M09	9	13.8	21	8.5	37	44	10
505151	KO4405M10	10	15.3	21	9	37	45	10
505152	KO4405M11	11	16.5	21	9.5	37	46	10
505153	KO4405M12	12	17.8	21	10	37	47	10
505154	KO4405M13	13	19	22	10.5	37	53	10
505155	KO4405M14	14	20.3	22	11	37	56	10
505156	KO4405M15	15	21.5	22	11.5	37	57	10
505157	KO4405M16	16	22.8	22	12	37	62	10
505158	KO4405M17	17	24	23	12.5	37	69	10
505159	KO4405M18	18	25	24	13	37	74	10
505160	KO4405M19	19	26.5	25	14	38	89	10
505161	KO4405M20	20	27.8	26	15	38	92	10
505162	KO4405M21	21	29	27	15.5	38	102	10
505163	KO4405M22	22	30	28	16	40	113	10
505164	KO4405M23	23	31.5	29	16.5	40	128	10
505165	KO4405M24	24	32.8	30	17	42	140	5
505166	KO4405M25	25	34	31	18	42	164	5
505167	KO4405M26	26	35	32	19	42	165	5
505168	KO4405M27	27	36.5	33	19.5	43	182	5
505169	KO4405M28	28	37.8	34	20	43	198	5
505170	KO4405M29	29	39	35	20.5	43	205	5
505171	KO4405M30	30	40	36	22	46	222	5
505172	KO4405M31	31	41.5	37	22.5	46	246	5
505173	KO4405M32	32	42.8	38	23	46	261	5
505174	KO4405M33	33	44.2	39	24	47	275	5
505175	KO4405M34	34	45.2	40	24	47	315	5
505176	KO4405M35	35	46.2	40	24	47	317	5
505177	KO4405M36	36	47.2	41	24	47	336	5
505178	KO4405M38	38	49.2	43	24	47	380	5

Item Code	Part No.	4400A (inch)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
505071	KO4400A10	5/16	13.2	21	8	36	44	10
505072	KO4400A12	3/8	14.6	21	9	37	45	10
505073	KO4400A14	7/16	16.5	21	9.5	37	46	10
505074	KO4400A16	1/2	19	22	10.5	37	53	10
505075	KO4400A18	9/16	20.3	22	11	37	56	10
505076	KO4400A19	19/32	21.5	22	11.5	37	57	10
505077	KO4400A20	5/8	22.8	22	12	37	62	10
505078	KO4400A21	21/32	24	23	12.5	37	69	10
505079	KO4400A22	11/16	25	24	13	37	74	10
505080	KO4400A24	3/4	26.5	25	14	38	89	10
505081	KO4400A25	25/32	27.8	26	15	38	92	10
505082	KO4400A26	13/16	29	27	15.5	38	102	10
505083	KO4400A28	7/8	30	28	16	40	113	10
505084	KO4400A30	15/16	32.8	30	17	42	140	5
505086	KO4400A32	1	35	32	19	42	165	5
505087	KO4400A34	1. 1/16	36.5	33	19.5	43	180	5
505088	KO4400A36	1. 1/8	39	35	20.5	43	210	5
505089	KO4400A38	1. 3/16	40	36	22	46	222	5
505090	KO4400A40	1. 1/4	42.8	38	23	46	261	5
505091	KO4400A42	1. 5/16	44.2	39	24	47	275	5
505092	KO4400A44	1. 3/8	46.2	40	24	47	317	5
505093	KO4400A46	1. 7/16	47.2	41	24	47	336	5
505094	KO4400A48	1. 1/2	49.2	43	24	47	380	5

Item Code	Part No.	4400A (inch)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
505125	KO4405A10	5/16	13.2	21	8	36	44	10
505126	KO4405A12	3/8	14.6	21	9	37	45	10
505127	KO4405A14	7/16	16.5	21	9.5	37	46	10
505128	KO4405A16	1/2	19	22	10.5	37	53	10
505129	KO4405A18	9/16	20.3	22	11	37	56	10
505130	KO4405A19	19/32	21.5	22	11.5	37	57	10
505131	KO4405A20	5/8	22.8	22	12	37	62	10
505132	KO4405A21	21/32	24	23	12.5	37	69	10
505133	KO4405A22	11/16	25	24	13	37	74	10
505134	KO4405A24	3/4	26.5	25	14	38	89	10
505135	KO4405A25	25/32	27.8	26	15	38	92	10
505136	KO4405A26	13/16	29	27	15.5	38	102	10
505137	KO4405A28	7/8	30	28	16	40	113	10
505138	KO4405A30	15/16	32.8	30	17	42	140	5
505139	KO4405A32	1	35	32	19	42	165	5
505140	KO4405A34	1. 1/16	36.5	33	19.5	43	180	5
505141	KO4405A36	1. 1/8	39	35	20.5	43	210	5
505142	KO4405A38	1. 3/16	40	36	22	46	222	5
505143	KO4405A40	1. 1/4	42.8	38	23	46	261	5
505144	KO4405A42	1. 5/16	44.2	39	24	47	275	5
505145	KO4405A44	1. 3/8	46.2	40	24	47	317	5
505146	KO4405A46	1. 7/16	47.2	41	24	47	336	5
505147	KO4405A48	1. 1/2	49.2	43	24	47	380	5

1/2" Sockets & Accessories

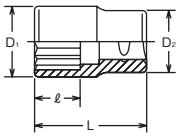
RS4400M/10
RS4405M/10
RS4400A/10

Socket Set on Rail

Item Code	Part No.	Socket Sets	(g)
505610	KORS4400M/10	RS4400M: 10 Pieces Set/Rail 300mm 10, 11, 12, 13, 14, 15, 17, 19, 21, 22mm	717
505612	KORS4405M/10	RS4405M: 10 Pieces Set/Rail 300mm 10, 11, 12, 13, 14, 15, 17, 19, 21, 22mm	717
505608	KORS4400A/10	RS4400A: 10 Pieces Set/Rail 300mm 3/8, 7/16, 1/2, 9/16, 5/8, 11/16,3/4, 13/16, 7/8, 15/16"	809

4405W

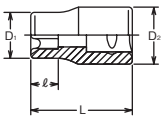
12-point Whitworth Sockets



Item Code	Part No.	4405W (W)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
505179	KO4405W04	1/8	13.8	21	8.5	37	45	10
505180	KO4405W06	3/16	16.5	21	9.5	37	46	10
505181	KO4405W08	1/4	19	22	10.5	37	54	10
505182	KO4405W10	5/16	21.5	22	11.5	37	54	10
505183	KO4405W12	3/8	25	24	13	37	73	10
505184	KO4405W14	7/16	29	27	15.5	38	87	10
505185	KO4405W16	1/2	31.5	29	16.5	40	133	10
505186	KO4405W18	9/16	35	32	19	42	165	5
505187	KO4405W20	5/8	37.8	34	20	43	191	5
505188	KO4405W22	11/16	40	36	22	46	222	5
505189	KO4405W24	3/4	44.2	39	24	47	280	5
505190	KO4405W28	7/8	49.2	43	24	47	330	5

4425

TORX® Sockets



Item Code	Part No.	4425 (E)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
505191	KO4425E10	E10	13.2	21	8.2	36	44	10
505192	KO4425E12	E12	14.6	21	9.3	37	47	10
505193	KO4425E14	E14	16.5	21	10.6	37	48	10
505194	KO4425E16	E16	19	22	11.8	37	57	10
505195	KO4425E18	E18	20.3	22	13	37	57	10
505196	KO4425E20	E20	22.8	22	14.4	37	63	10
505198	KO4425E24	E24	26.5	25	17	40	95	5

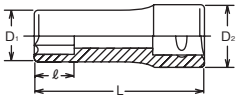
RS4425/7

TORX® Socket Set on Rail

Item Code	Part No.	Torx® Socket Set	(g)
505613	KORS4425/7	RS4425: 7 Piece Set/Rail 200mm E10, E12, E14, E16, E18, E20, E24	428

4300M · 4300A

6-Point Deep Sockets



Item Code	Part No.	4300M (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504981	KO4300M08	8	13.2	21	9	77	76	10
504982	KO4300M09	9	13.8	21	10	77	82	10
504983	KO4300M10	10	15.3	21	11	77	82	10
504984	KO4300M11	11	16.5	21	12	77	86	10
504985	KO4300M12	12	17.8	21	13	77	92	10
504986	KO4300M13	13	19	21.8	14	77	106	10
504987	KO4300M14	14	20.3	21.8	15	77	115	10
504988	KO4300M15	15	21.5	21.8	16	77	123	10
504989	KO4300M16	16	22.8	22	17	77	141	10
504990	KO4300M17	17	24	23	18	77	139	10
504991	KO4300M18	18	25	24	19	77	149	10
504992	KO4300M19	19	26.5	25	20	77	165	10
504993	KO4300M20	20	27.8	26	21	77	183	10
504994	KO4300M21	21	29	27	23	77	190	10
504995	KO4300M22	22	30	28	27	77	200	10
504996	KO4300M23	23	31.5	29	27	77	233	10
504997	KO4300M24	24	32.8	30	27	77	249	10
504999	KO4300M25	25	34	31	27	77	270	10
505000	KO4300M26	26	35	32	27	77	279	10
505001	KO4300M27	27	36.5	33	28	77	303	10
505002	KO4300M28	28	37.8	34	28	77	331	10
505003	KO4300M29	29	39	35	28	77	357	10
505004	KO4300M30	30	40	36	34	77	342	10
505005	KO4300M31	31	41.5	37	34	77	384	10
505006	KO4300M32	32	42.8	38	34	77	405	10

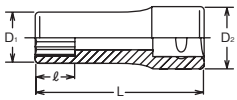
Item Code	Part No.	4300A (inch)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504960	KO4300A10	5/16	13.2	21	9	77	76	10
504961	KO4300A12	3/8	14.6	21	10	77	82	10
504962	KO4300A14	7/16	16.5	21	12	77	86	10
504963	KO4300A16	1/2	19	21.8	14	77	106	10
504964	KO4300A18	9/16	20.3	21.8	15	77	115	10
504965	KO4300A19	19/32	21.5	21.8	16	77	123	10
504966	KO4300A20	5/8	22.8	22	17	77	141	10
504967	KO4300A21	21/32	24	23	18	77	139	10
504968	KO4300A22	11/16	25	24	19	77	149	10
504969	KO4300A24	3/4	26.5	25	20	77	165	10
504970	KO4300A25	25/32	27.8	26	21	77	183	10
504971	KO4300A26	13/16	29	27	23	77	190	10
504972	KO4300A28	7/8	30	28	27	77	200	10
504973	KO4300A30	15/16	32.8	30	27	77	249	10
504974	KO4300A32	1	35	32	27	77	279	10
504975	KO4300A34	1. 1/16	36.5	33	28	77	303	10
504976	KO4300A36	1. 1/8	37.8	34	28	77	331	10
504977	KO4300A38	1. 3/16	40	36	34	77	342	10
504978	KO4300A40	1. 1/4	42.8	38	34	77	405	10

^ = non stocked line

1/2" Sockets & Accessories

4305M · 4305A

12-Point Deep Sockets



Item Code	Part No.	4305M (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
505032	KO4305M08	8	13.2	21	9	77	76	10
505033	KO4305M09	9	13.8	21	10	77	82	10
505034	KO4305M10	10	15.3	21	11	77	82	10
505035	KO4305M11	11	16.5	21	12	77	86	10
505036	KO4305M12	12	17.8	21	13	77	92	10
505037	KO4305M13	13	19	21.8	14	77	106	10
505038	KO4305M14	14	20.3	21.8	15	77	115	10
505039	KO4305M15	15	21.5	21.8	16	77	123	10
505040	KO4305M16	16	22.8	22	17	77	141	10
505041	KO4305M17	17	24	23	18	77	139	10
505042	KO4305M18	18	25	24	19	77	149	10
505043	KO4305M19	19	26.5	25	20	77	165	10
505044	KO4305M20	20	27.8	26	21	77	183	10
505045	KO4305M21	21	29	27	23	77	190	10
505046	KO4305M22	22	30	28	27	77	200	10
505047	KO4305M23	23	31.5	29	27	77	233	10
505048	KO4305M24	24	32.8	30	27	77	249	10
505049	KO4305M25	25	34	31	27	77	270	10
505050	KO4305M26	26	35	32	27	77	279	10
505051	KO4305M27	27	36.5	33	28	77	303	10
505052	KO4305M28	28	37.8	34	28	77	331	10
505053	KO4305M29	29	39	35	28	77	357	10
505054	KO4305M30	30	40	36	34	77	342	10
505055	KO4305M31	31	41.5	37	34	77	384	10
505056	KO4305M32	32	42.8	38	34	77	405	10
505057	KO4305M34	34	45.2	40	35	77	442	5
505058	KO4305M36	36	48	43	36	77	484	5

Item Code	Part No.	4305A (inch)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
505013	KO4305A10	5/16	13.2	21	9	77	76	10
505014	KO4305A12	3/8	14.6	21	10	77	82	10
505015	KO4305A14	7/16	16.5	21	12	77	86	10
505016	KO4305A16	1/2	19	21.8	14	77	106	10
505017	KO4305A18	9/16	20.3	21.8	15	77	115	10
505018	KO4305A19	19/32	21.5	21.8	16	77	123	10
505019	KO4305A20	5/8	22.8	22	17	77	141	10
505020	KO4305A21	21/32	24	23	18	77	139	10
505021	KO4305A22	11/16	25	24	19	77	149	10
505022	KO4305A24	3/4	26.5	25	20	77	165	10
505023	KO4305A25	25/32	27.8	26	21	77	183	10
505024	KO4305A26	13/16	29	27	23	77	190	10
505025	KO4305A28	7/8	30	28	27	77	200	10
505026	KO4305A30	15/16	32.8	30	27	77	249	10
505027	KO4305A32	1	35	32	27	77	279	10
505028	KO4305A34	1. 1/16	36.5	33	28	77	303	10
505029	KO4305A36	1. 1/8	37.8	34	28	77	331	10
505030	KO4305A38	1. 3/16	40	36	34	77	342	10
505031	KO4305A40	1. 1/4	42.8	38	34	77	405	10

RS4300M/10
RS4305M/10

Socket Set on Rail

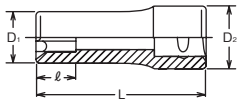
RS4300A/10
RS4305A/10

Socket Set on Rail

Item Code	Part No.	Deep Socket Sets	(g)
505604	KORS4300M/10	RS4300M (6 Point): 10 Pieces Set/Rail 300mm 10, 11, 12, 13, 14, 15, 17, 19, 21, 22mm	1,415
505606	KORS4305M/10	RS4305M (12 Point): 10 Pieces Set/Rail 300mm 10, 11, 12, 13, 14, 15, 17, 19, 21, 22mm	1,415
505603	KORS4300A/10	RS4300A (6 Point): 10 Pieces Set/Rail 300mm 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16"	1,415
505605	KORS4305A/10	RS4305A (12 Point): 10 Pieces Set/Rail 300mm 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16"	1,415

4325

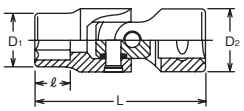
TORX® Deep Sockets



Item Code	Part No.	4325 (E)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
505063	KO4325E10	E10	13.2	21	8.2	77	99	10
505064	KO4325E12	E12	14.6	21	9.3	77	99	10
505065	KO4325E14	E14	16.5	21	10.6	77	103	10
505066	KO4325E16	E16	19	21.8	11.8	77	107	10
505067	KO4325E18	E18	20.3	21.8	13	77	118	10
505068	KO4325E20	E20	22.8	22	14.4	77	141	10

4445A

12-Point Universal Sockets



Item Code	Part No.	4445A (inch)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
505202^	KO4445A12	3/8	14.8	25	8.8	63	155	10
505203^	KO4445A14	7/16	16.5	25	10	65	158	10
505204^	KO4445A16	1/2	19	25	11.4	66	152	10
505205^	KO4445A18	9/16	20.3	25	11.4	66	151	10
505206^	KO4445A20	5/8	22.8	25	13	68	150	10
505207^	KO4445A22	11/16	24.6	25	14	69	153	10

1/2" Sockets & Accessories

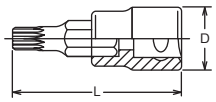
RS4010M/10-L75

Socket Set on Rail

Item Code	Part No.	Inhex Socket Sets	(g)
505594	KORS4010M75/10	4010M.75: 10 Piece Set/Rail 300mm 4, 5, 6, 7, 8, 10, 12, 14, 17, 19mm	1,207

4020-60

XZN Bit Sockets



Item Code	Part No.	4020.60 (XZN)	D (mm)	L (mm)	(g)	(pcs.)
504843	KO4020-60/M5	M 5	22	60	60	10
504844	KO4020-60/M6	M 6	22	60	61	10
504845	KO4020-60/M8	M 8	22	60	63	10
504846	KO4020-60/M10	M10	23	60	93	10
504847	KO4020-60/M12	M12	23	60	97	10
504848	KO4020-60/M14	M14	24	60	105	10
504849	KO4020-60/M16	M16	25	60	165	10
504850	KO4020-60/M18	M18	27	60	215	10

RS4020/6-L60

XZN Socket Set on Rail

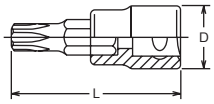
Item Code	Part No.	Socket Set	(g)
505597	KORS4020/6-L60	4020 XZN: 6 Piece Set / Rail 150mm M5, M6, M8, M10, M12, M14	500

XZN

XZN		M4	M5	M6	M8	M10	M12	M14	M16	M18
S	(ref. mm)	3.6	4.8	6.0	7.2	9.6	11.41	13.22	15.63	16.85

4025 (T)

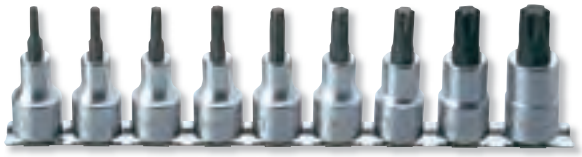
TORX® Bit Sockets



Item Code	Part No.	4025.60 (T)	D (mm)	L (mm)	(g)	(pcs.)
504851	KO4025-60T20	T20	22	60	59	10
504852	KO4025-60T25	T25	22	60	60	10
504853	KO4025-60T27	T27	22	60	60	10
504854	KO4025-60T30	T30	22	60	60	10
504855	KO4025-60T40	T40	22	60	62	10
504856	KO4025-60T45	T45	22	60	64	10
504857	KO4025-60T50	T50	22	60	74	10
504858	KO4025-60T55	T55	23	60	96	10
504859	KO4025-60T60	T60	24	60	122	10

RS4025/9-L60

TORX® Socket Set on Rail



Item Code	Part No.	Inhex Socket Sets	(g)
505598	KORS4025/9	4025.60 (T): 9 Piece Set/Rail 250mm T20, T25, T27, T30, T40, T45, T50, T55, T60	700

RS4025/9-IP

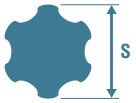
TORXplus® Socket Set on Rail

Item Code	Part No.	Inhex Socket Sets	(g)
505599^	KORS4025/9-IP	4025 (IP): 9 Piece Set/Rail 250mm 20IP, 25IP, 27IP, 30IP, 40IP, 45IP, 50IP, 55IP, 60IP	700

RS4027/6-L60

Ribe CV Socket Set on Rail

Item Code	Part No.	Socket Set	(g)
505600^	KORS4027/6-L60	4027.60 XZN: 6 Piece Set / Rail 200mm M5, M6, M8, M10, M12, M14	600



TORXplus® (IP)

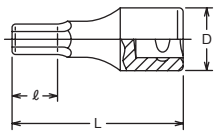
IP		8IP	9IP	10IP	15IP	20IP	25IP	27IP	30IP	40IP	45IP	50IP	55IP	60IP	70IP
S	(ref. mm)	2.29	2.48	2.72	3.25	3.84	4.39	4.95	5.49	6.60	7.77	8.79	11.16	13.20	15.49

^ = non stocked line

1/2" Sockets & Accessories

4012M 4012A

Inhex sockets, non-impact



Item Code	Part No.	4012M.60 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504824	KO4012M6004	4	21.1	15.5	60	50	10
504825	KO4012M6005	5	21.1	15.5	60	55	10
504826	KO4012M6006	6	21.1	15.5	60	56	10
504827	KO4012M6007	7	21.1	15.5	60	60	10
504828	KO4012M6008	8	21.1	15.5	60	64	10
504829	KO4012M6009	9	21.1	15.5	60	70	10
504830	KO4012M6010	10	23	15.5	60	90	10
504831	KO4012M6012	12	25	15.5	60	115	10
504832	KO4012M6014	14	25	15.5	60	130	10
504833	KO4012M6015	15	26	15.5	60	145	10
504834	KO4012M6016	16	26	15.5	60	155	10
504835	KO4012M6017	17	26	15.5	60	160	10
504836	KO4012M6019	19	26	15.5	60	180	10
504837	KO4012M6021	21	26	15.5	60	200	10
504838	KO4012M6022	22	26	22.5	60	205	10
504839	KO4012M6024	24	28	22.5	60	240	10

Item Code	Part No.	4012A.60 (inch)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
504814	KO4012A6005	5/32	21.1	15.5	60	49	10
504815	KO4012A6006	3/16	21.1	15.5	60	55	10
504816	KO4012A6008	1/4	21.1	15.5	60	57	10
504817	KO4012A6010	5/16	21.1	15.5	60	64	10
504818	KO4012A6012	3/8	23	15.5	60	90	10
504819	KO4012A6014	7/16	25	15.5	60	115	10
504820	KO4012A6016	1/2	25	15.5	60	120	10
504821	KO4012A6018	9/16	25	15.5	60	130	10
504822	KO4012A6020	5/8	26	15.5	60	155	10
504823	KO4012A6024	3/4	26	15.5	60	180	10

⚠ 4012M/A are for hand use only.
Do not use with an impact wrench.

RS4012M/10-L60

Socket Set on Rail

Item Code	Part No.	Inhex Socket Sets	(g)
505596	KORS4012M60/10	4012M.60: 10 Piece Set/Rail 300mm 4, 5, 6, 7, 8, 10, 12, 14, 17, 19mm	910

⚠ 4012M/A are for hand use only.
Do not use with an impact wrench.

RS4012A/10-L60

Socket Set on Rail

Item Code	Part No.	Inhex Socket Sets	(g)
505595	KORS4012A60/10	4012A.60: 10 Piece Set/Rail 300mm 3/16, 7/32, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4"	950

⚠ 4012M/A are for hand use only.
Do not use with an impact wrench.

3749S-1/2

Reversible Ratchet Short

S.O.D.H-System | 2 Two-Step Dog | 24

* Renewal Kits → 3749SRK-1/2

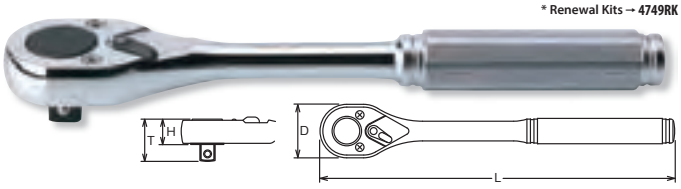
Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
504752	KO3749S-1/2	34	29	14.4	110	200	5

4749N

Reversible Ratchet

S.O.D.H-System | 2 Two-Step Dog | 24

* Renewal Kits → 4749RK



Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
505214	KO4749N-250	44.6	33	18.4	250	616	1
505215	KO4749N-380	44.6	33	18.4	380	753	1

[4750 series]

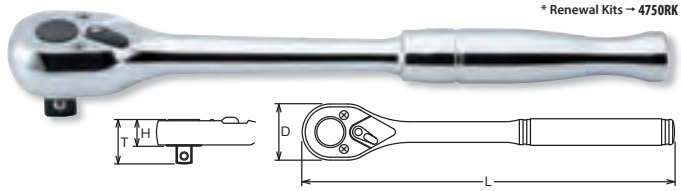
Two dogs are set in the same axis and the three teeth hold the ratchet gear.
The enlarged contact area produces an about 10% higher torque value and the S.O.D.H system provides smooth and light movements.

4750P

Reversible Ratchet

S.O.D.H-System | 3 Three-Step Dog | 30

* Renewal Kits → 4750RK



Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
505220	KO4750P	38	35.9	21.3	250	553	1

Koken

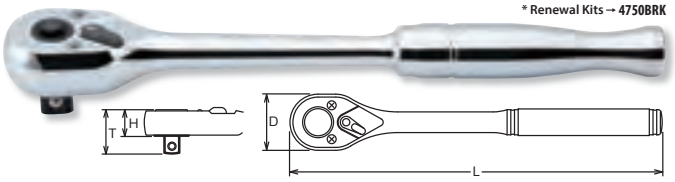
1/2" Sockets & Accessories

4750PB

Reversible Ratchet with quick release button

S.O.D.D.-System | Three-Step Dog | 30 | Quick Release

* Renewal Kits → 4750BRK



Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
505221^	KO4750PB	38	35.9	21.3	250	553	1

⚠ Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

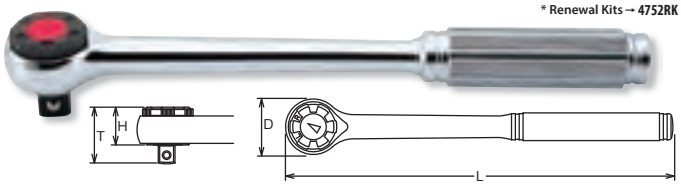
Reversible Ratchet with Quick Release Button :
Sockets and accessories are safely locked.
By pushing the button the sockets or extension bars are released from the ratchet.

4752N

Reversible Ratchet

L/R Marking | 45

* Renewal Kits → 4752RK



Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
505223	KO4752N	35	38.8	24.5	250	480	1

[L/R Marking]

A pointer and L/R markings on the ratchet head Indicate the turning direction.
The reduced diameter of the head allows easier access in tight spots.

4753N

Reversible Ratchet

S.O.D.D.-System | Two-Step Dog | 24

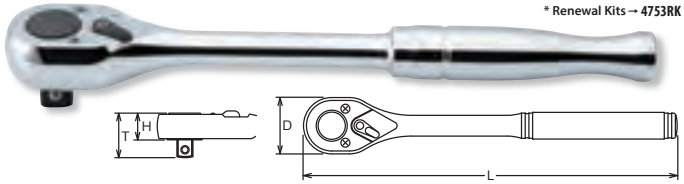
* Renewal Kits → 4753RK

4753P

Reversible Ratchet

S.O.D.D.-System | Two-Step Dog | 24

* Renewal Kits → 4753RK



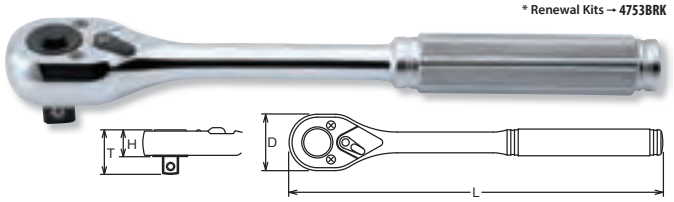
Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
505226	KO4753N	38	36.2	21.6	250	595	1
505228	KO4753P	38	36.2	21.6	250	570	1
505229	KO4753P-410	38	36.2	21.6	410	790	1

4753NB

Reversible Ratchet with quick release button

S.O.D.D.-System | Two-Step Dog | 24 | Quick Release

* Renewal Kits → 4753BRK



Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pcs.)
505227^	KO4753NB	38	36.2	21.6	250	595	1

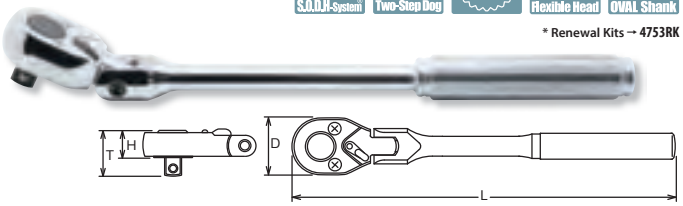
⚠ Reversible Ratchet with quick release button has less strength compared with normal ratchet due to the technical design. Make sure to use the ratchet correctly.

4774N

Flexible Ratchet, Reversible

S.O.D.D.-System | Two-Step Dog | 24 | Flexible Head | OVAL Shank

* Renewal Kits → 4753RK



Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
505258	KO4774N	38	36.2	21.6	330	700	1

4774P

Flexible Ratchet, Reversible

S.O.D.D.-System | Two-Step Dog | 24 | Flexible Head | OVAL Shank

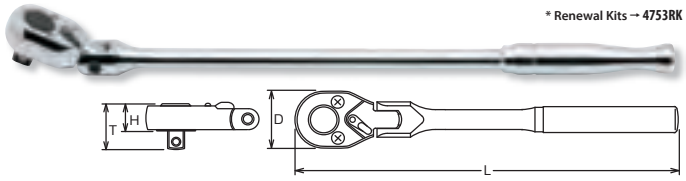
* Renewal Kits → 4753RK

4774P-450

Flexible Ratchet, Reversible

S.O.D.D.-System | Two-Step Dog | 24 | Flexible Head | OVAL Shank

* Renewal Kits → 4753RK



Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
505259	KO4774P	38	36.2	21.6	330	700	1
505260	KO4774P-450	38	36.2	21.6	450	790	1

⚠ 4774P-450 has longer handle than standard, and can be loaded to excessive torque value. In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

Kokeln

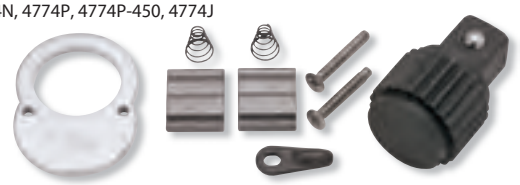
^ = non stocked line

1/2" Sockets & Accessories

Renewal Kit

4749RK
4749N-250
4749N-380
Reversible Ratchet Renewal Kit

4753RK
4753N, 4753P, 4753P-410, 4753J, D4753J
4774N, 4774P, 4774P-450, 4774J



4768RK
4768N, 4768P, 4768J, 4781N-450

Item Code	Part No.	⍁	(g)	(pce.)
505217	KO4749RK	1/2"	130	1
505230	KO4753RK		130	1
505254	KO4768RK		60	1

4768N300
Hinge Handle

OVAL Shank

* Renewal Kits → 4768RK

4768N380 · -450
Hinge Handle ⚠

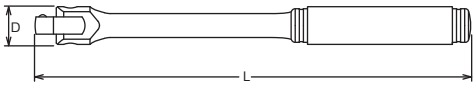
OVAL Shank

* Renewal Kits → 4768RK

4768P380
Hinge Handle

OVAL Shank

* Renewal Kits → 4768RK



Item Code	Part No.	D (mm)	L (mm)	(g)	(pcs.)
505246	KO4768N300	28	300	600	2
505247	KO4768N380	28	380	696	2
505248	KO4768N450	28	450	784	2
505252	KO4768P380	28	380	665	2

⚠ KO4768450 has longer handle than standard, and can be loaded to excessive torque value. Please use carefully.

4768N-600
Hinge Handle ⚠

* Renewal Kits → 4768RK

4768P-600
Hinge Handle ⚠

* Renewal Kits → 4768RK

4768J-600
Hinge Handle ⚠

* Renewal Kits → 4768RK

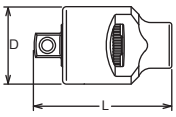
Item Code	Part No.	D (mm)	L (mm)	(g)	(pce.)
505251	KO4768N600	28	600	1100	1
505253	KO4768P600	28	600	1170	1
505250	KO4768J600	28	600	1120	1

⚠ 4768-600 has longer handle than standard, and can be loaded to excessive torque value. In the interest of your own safety always apply load evenly and progressively to avoid breakage and possible injury.

4755
Ratchet Adaptor

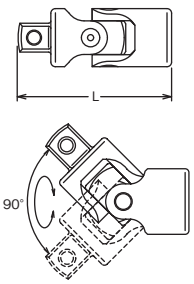
45

* Renewal Kits → 4755RK



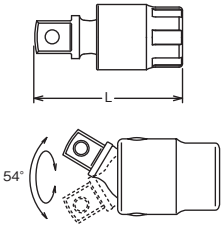
Item Code	Part No.	D (mm)	L (mm)	(g)	(pcs.)
505232	KO4755	33.5	65	270	5

4770
Universal Joint



Item Code	Part No.	L (mm)	(g)	(pcs.)
505255	KO4770	62.4	150	10

4771
Universal Joint



Item Code	Part No.	L (mm)	(g)	(pcs.)
505257	KO4771	57.7	113	10

Koken

1/2" Sockets & Accessories

4760 Extension Bars

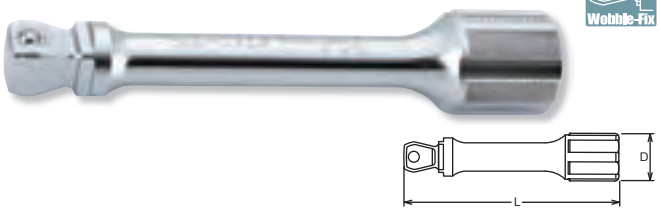
Item Code	Part No.	D (mm)	L (mm)	(g)	(pcs.)
505234	KO4760050	24	50	92	10
505235	KO4760075	24	75	138	10
505236	KO4760100	24	100	158	5
505237	KO4760125	24	125	194	5
505238	KO4760250	24	250	358	5
505239	KO4760400	24	400	650	1
505240	KO4760500	24	500	808	1
505241	KO4760600	24	600	968	1
505236	KO47601000	24	1000	1593	1

PK4760/5 Set

5 Piece Set
PLASTIC TRAY

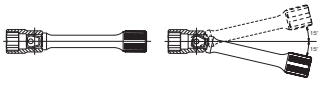
Item Code	Part No.	Extension Bars	(g)
505538	KOPK4760/5	**4760** Extension Bars 50, 75, 125, 150, 250mm	1050

4763 Wobble-Fix Extension Bars ⚠



Item Code	Part No.	D (mm)	L (mm)	(g)	(pcs.)
505242	KO4763050	24	50	95	10
505243	KO4763075	24	75	111	10
505244	KO4763125	24	125	157	5
511188	KO4763150	24	150	181	5
505245	KO4763250	24	250	267	5

⚠ The Wobble-Fix Extension Bar has less strength than normal extension bar due to it's specific design with a reduced square drive. Make sure to use it correctly.



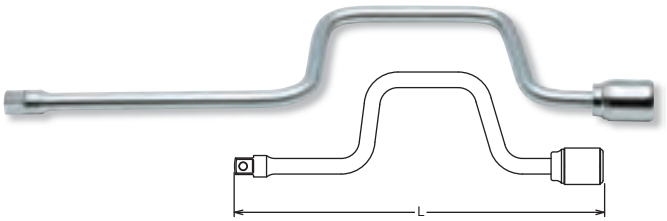
Wobble-Fix Extension Bar
Two way usage : one for as a flexible extension bar to provide at 15° angle operation, the other for use as a normal extension bar.
This 2-way usage is Patented.

PK4763/5 Wobble-Fix Extension Bar Set

5 Piece Set
PLASTIC TRAY

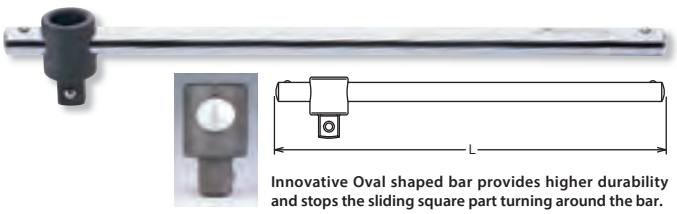
Item Code	Part No.	Extension Bars	(g)
505539	KOPK4763/5	**4763** Wobble-Fix Extension Bars 50, 75, 125, 150, 250	950

4780 Speed Handle



Item Code	Part No.	L (mm)	(g)	(pce.)
505262	KO4780400	400	644	1
505263	KO4780450	450	730	1

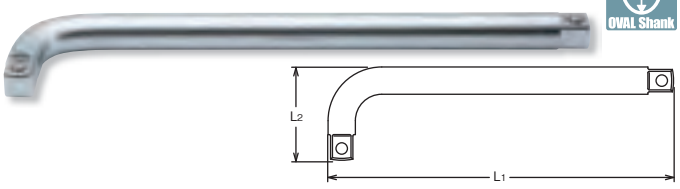
4785 T-Handle



Innovative Oval shaped bar provides higher durability and stops the sliding square part turning around the bar.

Item Code	Part No.	L (mm)	(g)	(pcs.)
505265	KO4785	300	410	2

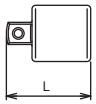
4747 L-Handle



Item Code	Part No.	L1 (mm)	L2 (mm)	(g)	(pce.)
505213	KO4747	260	50	470	1

1/2" Sockets & Accessories

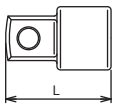
4433A35 Reducer Adaptor Warranty 290Nm



Item Code	Part No.	(sq.)	(sq.)	L (mm)	(g)	(pcs.)
505199	KO4433A35	1/2"	3/8"	35	50	10

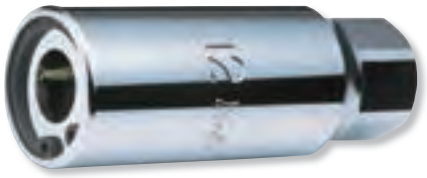
⚠ Adapting down from bigger square drive to smaller square drive may lead to excessive torque and possibly cause breakage.

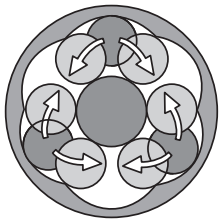
4466A Adaptor

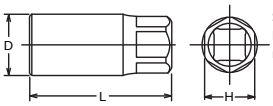


Item Code	Part No.	(sq.)	(sq.)	L (mm)	(g)	(pcs.)
505210	KO4466A	1/2"	3/4"	42	108	10

4100M · 4100A ○ Screw and Stud Pullers







Screw and Stud Pullers
Hexagon body design can lessen the excessive load on cages and rollers inside the pullers.

Item Code	Part No.	4100M (mm)	⊿	D (mm)	L (mm)	H (mm)	(g)	(pcs.)
504879	KO4100M06	6	1/2"	24	65	21	150	10
504880	KO4100M07	7		24	65	21	150	10
504881	KO4100M08	8		24	65	21	147	10
504882	KO4100M09	9		28	75	21	217	10
504883	KO4100M10	10		28	75	21	213	10
504884	KO4100M10.5	10.5		28	75	21	202	10
504885	KO4100M11	11		28	75	21	218	10
504886	KO4100M12	12		28	75	21	220	10
504887	KO4100M14	14		34	75	27	340	5
504888	KO4100M16	16	–⚠	34	75	27	315	5

Item Code	Part No.	4100A (inch)	⊿	D (mm)	L (mm)	H (mm)	(g)	(pcs.)
504861	KO4100A08	1/4	1/2"	24	65	21	150	10
504862	KO4100A10	5/16		24	65	21	147	10
504863	KO4100A12	3/8		28	75	21	213	10
504864	KO4100A14	7/16		28	75	21	218	10
504865	KO4100A16	1/2		28	75	21	191	10
504866	KO4100A18	9/16		34	75	27	340	5
504867	KO4100A20	5/8	–⚠	34	75	27	315	5

* Renewal Kits → 4100RK P279

⚠ 4100M-16 and 4100A-5/8 do not have 1/2" square drive.
Drive the outer hexagon part with 27mm sockets or ring wrenches.

Tolerances

4100M (mm)		4100A (inch)	
5	4.7- 5	1/4	6 - 6.4
6	5.6- 6	5/16	7.6- 8
7	6.6- 7	3/8	9 - 9.6
8	7.6- 8	7/16	10.5-11.1
9	8.4- 9	1/2	12.1-12.7
10	9.4-10	9/16	13.5-14.3
10.5	9.9-10.5	5/8	15.2-16
11	10.4-11		
12	11.4-12		
14	13.2-14		
16	15.2-16		

4211M · 4211A ○ Screw and Stud Pullers Sets

METAL CASE:W215×H80×T47mm

Item Code	Part No.	Puller Sets	(g)
504923	KO4211M ○	4100M Stud Pullers: 4 Piece Set 6, 8, 10, 12	1,040
504922	KO4211A ○	4100A Stud Pullers: 4 Piece Set 1/4, 5/16, 3/8, 1/2"	1,040

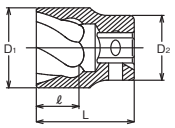
4214M ○ Screw and Stud Pullers Set

METAL CASE:W215×H80×T47mm 5 Pieces Set/⚖=1,450g

Item Code	Part No.	Puller Set
504924	KO4214M ○	4100M Stud Pullers 6, 8, 10, 12, 14

1/2" Sockets & Accessories

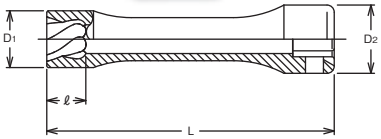
4127 NUTTWISTER®



Item Code	Part No.	4127 (mm)	◻	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	⚖ (g)	◈ (pcs.)
504909^	KO4127M14	14	1/2"	19.7	30	14	42	125	10
504910^	KO4127M17	17		23.5	30	16	42	137	10
504911^	KO4127M19	19		26	30	16	42	146	10
504912^	KO4127M21	21		28	30	17	42	153	10
504913^	KO4127M22	22		29.5	30	17	42	158	10
504914^	KO4127M24	24		32	30	18	42	174	10
504915^	KO4127M25.4	25.4		33.5	30	18	42	183	10

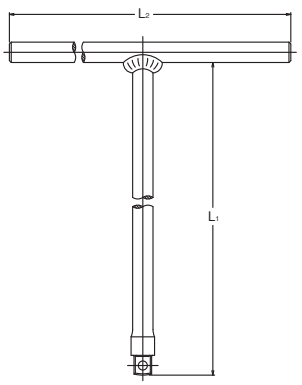
⚠ A very effective method and easy solution for removing rounded off nuts, bolts and studs. The sharp edges of the NUTTWISTER® Socket opening will tighten around the nut, bolt or stud and turn it easily off.

4128-120 NUTTWISTER® (Long type)



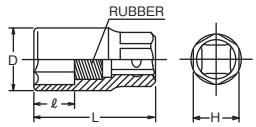
Item Code	Part No.	4128.120 (mm)	◻	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	⚖ (g)	◈ (pcs.)
504916^	K04128L120M19	19	1/2"	28.4	30	16	120	247	10
504917^	K04128L120M21	21		31	30	17	120	262	10

4715 T-Handle



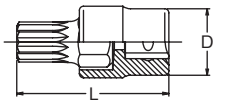
Item Code	Part No.	◻	L1 (mm)	L2 (mm)	⚖ (g)	◈ (pce.)
505212	KO4715	1/2"	267	255	475	1

4300S Spark Plug Sockets with Rubber



Item Code	Part No.	4300S (mm)	◻	D (mm)	ℓ (mm)	L (mm)	H (mm)	⚖ (g)	◈ (pcs.)
505010^	KO4300S16	16	1/2"	21	19	70	21	100	10
505011^	KO4300S18	18		23.9	21	70	21	130	10
505012^	KO4300S20.6	20.8		26.9	27	70	22	135	10

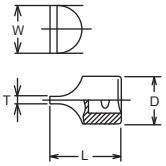
4020-60 (MH) Bit Socket for XZN-Screws with hole



4020-60-MH16
Specially designed for oil drain plug on gearbox of AUDI, VW, PORSCHE.

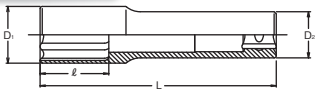
Item Code	Part No.	4020.60 (XZN)	◻	D (mm)	L (mm)	⚖ (g)	◈ (pcs.)
504842	KO4020-60/MH16	MH16	1/2"	24	60	135	10

4101 Drag Link Sockets for Slotted Heads



Item Code	Part No.	4101	◻	T×W (mm)	D (mm)	L (mm)	⚖ (g)	◈ (pcs.)
504905	KO4101/1	1	1/2"	2.7×18.6	22	40	59	10
504906	KO4101/2	2		3.7×24	24	40	79	10
504907	KO4101/3	3		3.7×30	30	40	128	10

4300M (L110) Wheel Nut Sockets (Long) ⚠



Item Code	Part No.	4300M(L110) (mm)	◻	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	⚖ (g)	◈ (pcs.)
505007^	K04300M-L110/17	17	1/2"	23	22	32	110	155	10
505008^	K04300M-L110/19	19		25.8	22	32	110	170	10
505009^	K04300M-L110/21	21		26.8	22	32	110	165	10

⚠ Please note that thin walled design is only for wheel nut work and Torque rating is limited.

^ = non stocked line

1/2" Sockets & Accessories

4012M/10-L60
4012A/10-L60

Socket Set - L60mm Inhex Socket

METAL CASE:W310×H100×T40mm

Item Code	Part No.	Hex Bit Socket Sets	⚖ (g)
511194	KO4012M/10-L60	4012M-60: 10 Piece Set 5, 6, 8, 10, 12, 13, 14, 16, 17, 19mm	1,600
511195	KO4012A/10-L60	4012A-60: 10 Piece Set 3/16, 7/32, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4"	1,500

4239AM
4239AMP

Socket Set

39 Piece Set
METAL CASE:W446×H266×T50mm

⚖ = 6,940g

Item Code	Part No.	Sockets	Accessories
504933	KO4239AM	4405M 12-pt. Sockets 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32mm 4405A 12-pt. Sockets 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" 4300C S/Plug Sockets 20.8mm	4753N 4760-75 4760-125 4760-250 4770 4785

39 Piece Set
PLASTIC TRAY

⚖ = 5,900g

Item Code	Part No.	Sockets	Accessories
504934	KO4239AMP	4405M 12-pt. Sockets 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32mm 4405A 12-pt. Sockets 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" 4300C S/Plug Sockets 20.8mm	4753N 4760-75 4760-125 4760-250 4770 4785

4241M

Socket Set

28 Piece Set
METAL CASE:W445×H190×T50mm

⚖ = 6,500g

Item Code	Part No.	Sockets	Accessories
504939	KO4241M	4405M 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	4753N 4760-125 4760-250 4768N-380 4770 4785

4251M · 4251A

Socket Sets

METAL CASE:W330×H68×T48mm

Item Code	Part No.	Socket Sets	⚖ (g)
504947	KO4251M	22 Piece Socket Set 4405M 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32mm	3,200
504948	KO4251M-6P	22 Piece Socket Set 4405M 6-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32mm	3,200
504945	KO4251A	18 Piece Socket Set 4405A 12-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 19/32, 21/32, 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"	2,660

4267W

Socket Set

14 Piece Set
METAL CASE:W395×H90×T50mm

⚖ = 3,150g

Item Code	Part No.	Sockets	Accessories
504953	KO4267W	4405W 12-pt. W/worth Sockets 1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16"	4753N 4760-125 4768N-380 4710

1/2" Sockets & Accessories

4274AMW Socket Set

50 Piece Set
METAL CASE

⚖ = 10,000g

Item Code	Part No.	Sockets	Accessories
504956	KO4274AMW	**4405M** 12-pt. Sockets 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 29, 30mm **4405A** 12-pt. Sockets 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 7/8, 15/16, 1" **4405A** 12-pt. W/worth Sockets 11/16, 5/8, 9/16, 1/2, 7/16, 3/8, 5/16, 1/4, 3/16" **4305A** 12-pt. Deep Socket 13/16"	**4770** **4753N** **4760-125** **4760-250** **4768N-380** **4710** **4785** **4780**

4279AM Socket Set

36 Piece Set
METAL CASE:W445×H190×T50mm

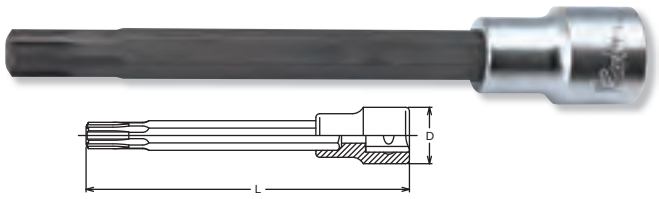
⚖ = 6,000g

Item Code	Part No.	Sockets	Accessories
504958	KO4279AM	**4405M** 12-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 26, 27, 30, 32mm **4405A** 12-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1.1/16, 1.1/8, 1.1/4"	**4753N** **4760-125** **4760-250** **4770** **4785**

^ = non stocked line

Miscellaneous Automotive Tools

ST4027-140 Head Bolt Bit Socket for VW/AUDI



Item Code	Part No.	◻	D (mm)	L (mm)	⚖ (g)	◈ (pcs.)
505620	KOST4027.140	1/2"	23	140	155	10

Head Bolt Bit Socket for VW/AUDI
ST4027-140 can not substitute with 3027, 4027-CV bit series.

4282 XZN and TORX® Generator Service Set

Generator Service Set
For removing and installing belt pulley at the generator.

4 Piece Set
PLASTIC BAG
⚖ = 449g

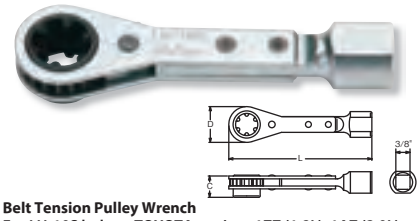
Item Code	Part No.	Sockets
504959^	KO4282	4020.100-M10 4020.140-M10
		4025.100R-T50
		185

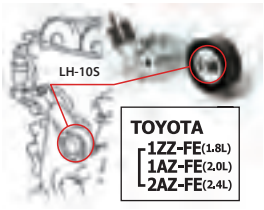
4202 Drain Plug Keys Set

7 Piece Set
METAL CASE:W190×H59×T45mm
⚖ = 426g

Item Code	Part No.	Sockets
504919	KO4202	**106** Drain Plug Keys 8S×10S, 8H×3/8H, 10H×11H, 12H×13H, 14H×17H, 19H
		4102 Drain Plug Key Adaptor

145LH3/8F Belt Tension Pulley Wrench



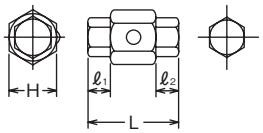


Belt Tension Pulley Wrench
For LH-10S bolt on TOYOTA engines 1ZZ (1.8L), 1AZ (2.0L) and 2AZ (2.4L), belt tension pulley.

Item Code	Part No.	◻	L (mm)	D (mm)	C (mm)	⚖ (g)	◈ (pcs.)
503873^	KO145LH3/8F-10S	3/8"	100	25	15.5	90	10

⚠ This item has less strength due to the special design.

106 4-point Male bits

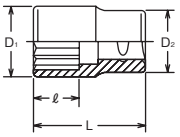


Item Code	Part No.	H (mm)	ℓ1 (mm)	ℓ2 (mm)	L (mm)	⚖ (g)	◈ (pcs.)
503625^	KO106-8S×10S	17	8	8	32	40	10

3/4" Sockets & Accessories

6405M · 6405A

12-point Sockets

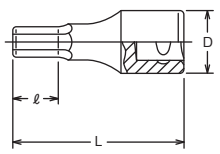


Item Code	Part No.	6405M (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
505383	KO6405M17	17	26	34	12.5	50	175	5
505384	KO6405M18	18	27	34	13	50	178	5
505385	KO6405M19	19	28.5	34	13.5	50	179	5
505386	KO6405M20	20	29.5	34	14	50	185	5
505387	KO6405M21	21	31	34	14.5	50	185	5
505388	KO6405M22	22	32	34	15	50	187	5
505389	KO6405M23	23	33.5	34	16	50	187	5
505390	KO6405M24	24	34.5	34	17	50	200	5
505391	KO6405M25	25	36	34	17.5	50	217	5
505392	KO6405M26	26	37	34	18	50	222	5
505393	KO6405M27	27	38.5	37	19	53	254	5
505394	KO6405M28	28	39.5	38	19.5	53	298	5
505395	KO6405M29	29	41	38	20	55	292	5
505396	KO6405M30	30	42	38	21	55	301	5
505397	KO6405M31	31	43.5	38	22	57	294	5
505398	KO6405M32	32	44.5	40	23	57	351	5
505399	KO6405M33	33	46	40	23.5	57	384	5
505400	KO6405M34	34	47	40	24	57	397	5
505401	KO6405M35	35	48.5	42	24.5	59	422	5
505402	KO6405M36	36	49.5	42	25	59	438	5
505403	KO6405M37	37	51	42	25.5	59	484	5
505404	KO6405M38	38	52	45	26	59	523	5
505405	KO6405M39	39	53.5	45	26.5	59	538	5
505406	KO6405M40	40	54.5	45	27	62	550	5
505407	KO6405M41	41	56	47	28	62	633	5
505408	KO6405M42	42	57	47	28.5	62	652	2
505409	KO6405M43	43	58.5	47	29	62	659	2
505410	KO6405M44	44	59.5	47	29.5	62	657	2
505411	KO6405M45	45	61	47	30	68	734	2
505412	KO6405M46	46	62	47	31	68	791	2
505413	KO6405M47	47	63.5	48	31.5	68	816	2
505414	KO6405M48	48	64.5	45	32	68	800	2
505415	KO6405M50	50	67	48	34	68	880	2
505416	KO6405M52	52	69.5	53	33	72	925	2
505417	KO6405M54	54	72	55	33	72	1040	2
505418	KO6405M55	55	73.5	53	36	72	1006	2
505419	KO6405M56	56	74.5	53	36	72	1092	2
505420	KO6405M57	57	76	53	36	72	1169	2
505421	KO6405M58	58	77	53	36	72	1149	2
505422	KO6405M60	60	79.5	58	39	76	1402	2
505423	KO6405M63	63	83.5	58	39	76	1494	2
505424	KO6405M70	70	92	68	45	84	1785	2

Item Code	Part No.	6405A (inch)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
505352	KO6405A22	11/16	27	34	13	50	178	5
505353	KO6405A24	3/4	28.5	34	13.5	50	179	5
505354	KO6405A25	25/32	29.5	34	14	50	185	5
505355	KO6405A26	13/16	31	34	14.5	50	185	5
505356	KO6405A28	7/8	32	34	15	50	187	5
505357	KO6405A30	15/16	34.5	34	17	50	200	5
505358	KO6405A32	1	37	34	18	50	222	5
505359	KO6405A34	1. 1/16	38.5	37	19	53	254	5
505360	KO6405A36	1. 1/8	41	38	20	53	292	5
505361	KO6405A38	1. 3/16	42	38	21	55	301	5
505362	KO6405A40	1. 1/4	44.5	40	23	57	351	5
505363	KO6405A42	1. 5/16	46	40	23.5	57	384	5
505364	KO6405A44	1. 3/8	48.5	42	24.5	57	422	5
505365	KO6405A46	1. 7/16	51	42	25.5	59	484	5
505366	KO6405A48	1. 1/2	52	45	26	59	523	5
505367	KO6405A50	1. 9/16	54.5	45	27	59	550	5
505368	KO6405A52	1. 5/8	56	47	28	62	633	5
505369	KO6405A54	1.11/16	58.5	47	29	62	659	2
505370	KO6405A56	1. 3/4	59.5	47	29.5	62	657	2
505371	KO6405A58	1.13/16	62	47	31	68	791	2
505372	KO6405A60	1. 7/8	64.5	45	32	68	892	2
505373	KO6405A62	1.15/16	66	48	32.5	68	870	2
505374	KO6405A64	2	68.5	52	34.5	68	949	2
505375	KO6405A66	2. 1/16	71	54	33	72	983	2
505376	KO6405A68	2. 1/8	72	55	33	72	1040	2
505377	KO6405A70	2. 3/16	74.5	53	36	72	1092	2
505378	KO6405A72	2. 1/4	76	53	36	72	1169	2
505379	KO6405A74	2. 5/16	78.5	53	36	72	1344	2
505380	KO6405A76	2. 3/8	79.5	58	39	76	1402	2
505381	KO6405A78	2. 7/16	82	58	39	76	1420	2
505382	KO6405A80	2. 1/2	84.5	58	39	76	1497	2

6012M-75

Inhex Sockets, non-impact

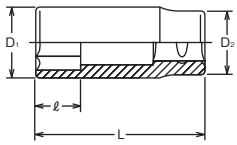


Item Code	Part No.	6012M.75 (mm)	D (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
505266	KO6012M14	14	35	15.5	75	265	10
505267	KO6012M17	17	35	15.5	75	292	10
505268	KO6012M19	19	35	15.5	75	312	10
505269	KO6012M22	22	38	22.5	75	340	10
505270	KO6012M24	24	38	22.5	75	362	10
505271	KO6012M27	27	38	22.5	75	402	10

^ = non stocked line

3/4" Sockets & Accessories

6305M · 6305A ◯ 12-point Deep Sockets



Item Code	Part No.	6305M (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
505317	KO6305M17	17	26	34	18	90	278	5
505318	KO6305M19	19	28.5	34	20	90	292	5
505319	KO6305M20	20	29.5	34	21	90	334	5
505320	KO6305M21	21	31	34	22	90	343	5
505321	KO6305M22	22	32	34	23	90	347	5
505322	KO6305M23	23	33.5	34	24	90	361	5
505323	KO6305M24	24	34.5	34	25	90	352	5
505324	KO6305M25	25	36	34	26	90	369	5
505325	KO6305M26	26	37	34	27	90	384	5
505326	KO6305M27	27	38.5	37	28	90	425	5
505327	KO6305M28	28	39.5	38	29	90	470	5
505328	KO6305M29	29	41	38	30	90	503	5
505329	KO6305M30	30	42	38	31	90	503	5
505330	KO6305M31	31	43.5	38	32	90	517	5
505331	KO6305M32	32	44.5	40	34	90	544	5
505332	KO6305M33	33	46	40	34	90	557	5
505333	KO6305M34	34	47	40	35	90	570	5
505334	KO6305M35	35	48.5	42	36	90	622	5
505335	KO6305M36	36	49.5	42	37	90	631	2
505336	KO6305M38	38	52	45	39	90	710	2
505337	KO6305M40	40	54.5	45	41	90	742	2
505338	KO6305M41	41	56	47	42	90	802	2
505339	KO6305M42	42	57	47	43	90	829	2
505340	KO6305M43	43	58.5	47	44	90	800	2
505341	KO6305M44	44	59.5	47	45	90	838	2
505342	KO6305M46	46	62	47	47	90	906	2
505343	KO6305M50	50	67	48	51	90	1005	2
505344	KO6305M53	53	71	54	49	100	1338	2
505345	KO6305M54	54	72	55	49	100	1351	2
505346	KO6305M55	55	73.5	53	52	100	1388	2
505347	KO6305M57	57	76	53	52	100	1467	2
505348	KO6305M58	58	77	53	52	100	1480	2
505349	KO6305M60	60	79.5	58	55	100	1626	2
505350	KO6305M63	63	83.5	58	55	100	1740	2

Item Code	Part No.	6305A (inch)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)
505291	KO6305A24	3/4	28.5	34	20	90	292	5
505292	KO6305A26	13/16	31	34	22	90	343	5
505293	KO6305A28	7/8	32	34	23	90	347	5
505294	KO6305A30	15/16	34.5	34	25	90	352	5
505295	KO6305A32	1	37	34	27	90	384	5
505296	KO6305A34	1. 1/16	38.5	37	28	90	425	5
505297	KO6305A36	1. 1/8	41	38	30	90	503	5
505298	KO6305A38	1. 3/16	42	38	31	90	503	5
505299	KO6305A40	1. 1/4	44.5	40	34	90	544	5
505300	KO6305A42	1. 5/16	46	40	34	90	557	5
505301	KO6305A44	1. 3/8	48.5	42	36	90	622	5
505302	KO6305A46	1. 7/16	51	42	38	90	656	2
505303	KO6305A48	1. 1/2	52	45	39	90	710	2
505304	KO6305A50	1. 9/16	54.5	45	41	90	742	2
505305	KO6305A52	1. 5/8	56	47	42	90	802	2
505306	KO6305A54	1.11/16	58.5	47	44	90	831	2
505307	KO6305A56	1. 3/4	59.5	47	45	90	838	2
505308	KO6305A64	2	68.5	52	52	90	1061	2
505309	KO6305A66	2. 1/16	71	54	49	100	1338	2
505310	KO6305A68	2. 1/8	72	55	49	100	1351	2
505311	KO6305A70	2. 3/16	74.5	53	52	100	1389	2
505312	KO6305A72	2. 1/4	76	53	52	100	1467	2
505313	KO6305A74	2. 5/16	78.5	53	52	100	1787	2
505314	KO6305A76	2. 3/8	79.5	58	55	100	1626	2
505315	KO6305A78	2. 7/16	82	58	55	100	1715	2
505316	KO6305A80	2. 1/2	84.5	58	69	100	1640	2

6749 Reversible Ratchet

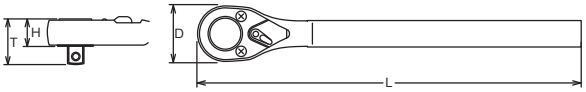
S.O.D.H-System · 2 Two-Step Dog · 36

* Renewal Kits → 6749RK

6749-1000 Reversible Ratchet

S.O.D.H-System · 2 Two-Step Dog · 36

* Renewal Kits → 6749RK

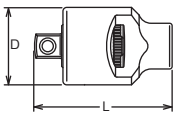


Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
505429	KO6749550	68	49.6	29.6	565	2800	1
505428	KO67491000	68	49.6	29.6	1000	3600	1

6755 Ratchet Adaptor

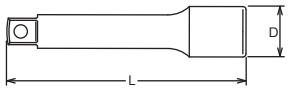
60

* Renewal Kits → 6755RK



Item Code	Part No.	D (mm)	L (mm)	(g)	(pce.)
505434	KO6755	62	97	1162	1

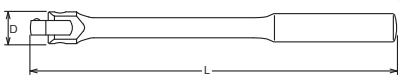
6760 Extension Bars



Item Code	Part No.	D (mm)	L (mm)	(g)	(pcs.)
505436	KO6760075	35	75	335	10
505437	KO6760200	35	200	815	1
505438	KO6760400	35	400	1585	1

6768 Hinge Handle

* Renewal Kits → 6768RK

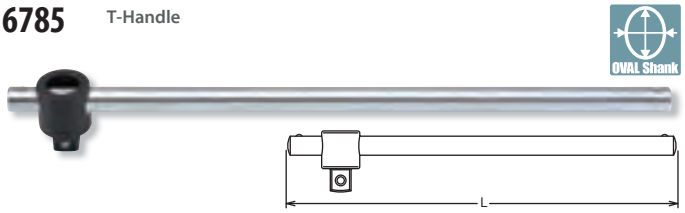


Item Code	Part No.	D (mm)	L (mm)	(g)	(pcs.)
505439	KO6768	42	450	1715	1
505441	KO6768600	42	600	2800	1
505440	KO67681000	42	1000	3400	1

Koken

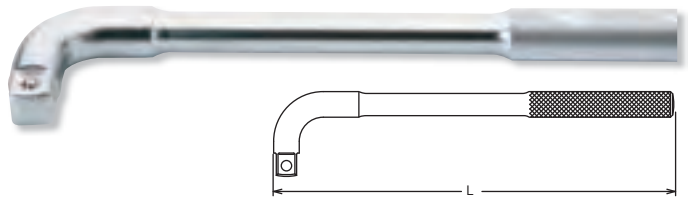
3/4" Sockets & Accessories

6785 T-Handle



Item Code	Part No.	L (mm)	(g)	(pce.)
505445	KO6785	500	1542	1

6788 L-Handle



Item Code	Part No.	L (mm)	(g)	(pce.)
505446	KO6788	330	1715	1

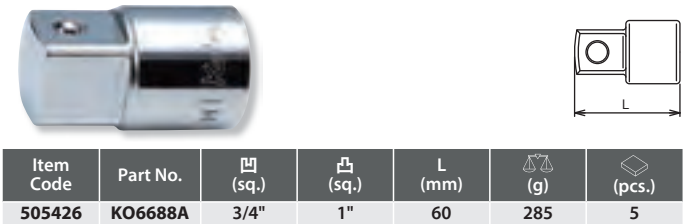
6770 Universal Joint

Item Code	Part No.	L (mm)	(g)	(pcs.)
505443	KO6770	105	478	2

6644A Reducer Warranty 668Nm

Item Code	Part No.	(sq.)	(sq.)	L (mm)	(g)	(pcs.)
505425	KO6644A	3/4"	1/2"	47	136	5

6688A Adaptor



Item Code	Part No.	(sq.)	(sq.)	L (mm)	(g)	(pcs.)
505426	KO6688A	3/4"	1"	60	285	5

6101 Drag Link Socket for Slotted Heads

Item Code	Part No.		T×W (mm)	D (mm)	L (mm)	(g)	(pcs.)
505275	KO6101	3/4"	6.4×33.5	35	50	205	10

6201M 6201A Socket Sets

16 Piece Set
METAL CASE:W580×H200×T85mm
= 17,300g

Item Code	Part No.		Sockets	Accessories
505278	KO6201M	◯	6405M 12-pt. Sockets 22, 24, 27, 30, 32, 36,41, 46, 50, 55, 60mm	6749 6760-200 6760-400 6768 6785

18 Piece Set
METAL CASE:W580×H200×T85mm
= 17,600g

Item Code	Part No.		Sockets	Accessories
505276	KO6201A	◯	6405A 12-pt. Sockets 7/8, 15/16, 1.1/16, 1.1/8, 1.1/4, 1.5/16, 1.7/16, 1.1/2, 1.5/8, 1.11/16, 1.13/16, 1.7/8, 2"	6749 6760-200 6760-400 6768 6785

6212M Socket Sets

12 Piece Set
METAL CASE:W580×H124×T70mm
= 11,000g

Item Code	Part No.		Sockets	Accessories
505279^	KO6212M	◯	6405M 12-pt. Sockets 22, 24, 27, 30, 32, 36,41, 46, 50mm	6749 6760-200 6785

^ = non stocked line

3/4" Sockets & Accessories

6260M
6260A

Socket Sets

20 Piece Set
METAL CASE:W580×H200×T85mm

⚖ = 15,800g

Item Code	Part No.	Sockets		Accessories
505285^	KO6260M		**6405M** 12-pt. Sockets 21, 23, 26, 29, 31, 32,34, 35, 36, 38, 41, 46, 50mm	6749 6760-75 6760-200 6760-400 6770 6785
			6101 Drag Link Socket	

25 Piece Set
METAL CASE:W580×H200×T85mm

⚖ = 19,000g

Item Code	Part No.	Sockets		Accessories
505284^	KO6260A		**6405A** 12-pt. Sockets 15/16, 31/32, 1, 1.1/16, 1.1/8, 1.3/16, 1.1/4, 1.5/16, 1.3/8, 1.7/16, 1.1/2, 1.9/16, 1.5/8, 1.11/16, 1.3/4, 1.13/16, 1.7/8, 2"	6749 6760-75 6760-200 6760-400 6770 6785
			6101 Drag Link Socket	

6290M
6290A

Socket Sets

23 Piece Set
METAL CASE:W635×H215×T85mm

⚖ = 20,000g

Item Code	Part No.	Sockets		Accessories
505287^	KO6290M		**6405M** 12-pt. Sockets 21, 23, 26, 29, 31, 32,34, 35, 36, 38, 41, 46, 50, 54, 58, 63mm	6749 6760-75 6760-200 6760-400 6770 6785
			6101 Drag Link Socket	

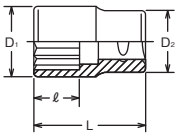
29 Piece Set
METAL CASE:W635×H215×T85mm

⚖ = 23,000g

Item Code	Part No.	Sockets		Accessories
505286^	KO6290A		**6405A** 12-pt. Sockets 7/8, 15/16, 31/32, 1, 1.1/16, 1.1/8, 1.3/16, 1.1/4, 1.5/16, 1.3/8, 1.7/16, 1.1/2, 1.9/16, 1.5/8, 1.11/16, 1.3/4, 1.13/16, 1.7/8, 2, 2.1/8, 2.3/16, 2.1/4"	6749 6760-75 6760-200 6760-400 6770 6785
			6101 Drag Link Socket	

1" Sockets & Accessories

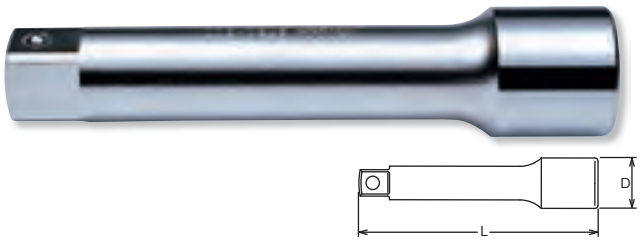
8405M · 8405A ◯ 12-point Sockets



Item Code	Part No.	8405M (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)
505484	KO8405M27	27	40.5	44	19	60	362	1
505485	KO8405M32	32	46.5	45	23	65	455	1
505486	KO8405M33	33	48	46	23.5	65	485	1
505487	KO8405M35	35	50.5	48	24.5	65	536	1
505488	KO8405M36	36	51.5	48	25	65	600	1
505489	KO8405M38	38	54	50	26	65	624	1
505490	KO8405M40	40	56.5	53	27	65	686	1
505491	KO8405M41	41	58	53	28	68	747	1
505492	KO8405M46	46	64	53	31	72	928	1
505493	KO8405M50	50	69	53	34	72	943	1
505494	KO8405M54	54	74	55	37	72	1016	1
505495	KO8405M55	55	75.5	53	42	77	1167	1
505496	KO8405M58	58	79	53	41	77	1200	1
505497	KO8405M60	60	81.5	58	46	82	1440	1
505498	KO8405M63	63	85.5	58	45	82	1470	1
505499	KO8405M65	65	88	63	49	86	1683	1
505500	KO8405M67	67	90.5	63	49	86	1840	1
505501	KO8405M70	70	94	68	50	88	1963	1
505502	KO8405M71	71	95.5	68	50	88	2200	1
505503	KO8405M75	75	100.5	73	53	90	2204	1
505504	KO8405M80	80	106.5	75	58	95	2550	1

Item Code	Part No.	8405A (inch)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)
505455	KO8405A34	1. 1/16	40.5	44	19	60	365	1
505456	KO8405A40	1. 1/4	46.5	45	23	65	455	1
505457	KO8405A42	1. 5/16	48	46	23.5	65	485	1
505458	KO8405A44	1. 3/8	50.5	48	24.5	65	536	1
505459	KO8405A46	1. 7/16	53	50	25.5	65	607	1
505460	KO8405A48	1. 1/2	54	50	26	65	624	1
505461	KO8405A50	1. 9/16	56.5	53	27	65	686	1
505462	KO8405A52	1. 5/8	58	53	28	68	747	1
505463	KO8405A54	1.11/16	60.5	53	29	68	830	1
505464	KO8405A56	1. 3/4	61.5	53	29.5	68	807	1
505465	KO8405A58	1.13/16	64	53	31	72	928	1
505466	KO8405A60	1. 7/8	66.5	53	32	72	936	1
505467	KO8405A64	2	70.5	53	37	72	976	1
505468	KO8405A66	2. 1/16	73	54	37	72	1027	1
505469	KO8405A68	2. 1/8	74	55	37	72	1016	1
505470	KO8405A70	2. 3/16	76.5	53	41	77	1192	1
505471	KO8405A72	2. 1/4	78	53	41	77	1177	1
505472	KO8405A74	2. 5/16	80.5	53	41	77	1292	1
505473	KO8405A76	2. 3/8	81.5	58	46	82	1440	1
505474	KO8405A78	2. 7/16	84	58	45	82	1495	1
505475	KO8405A80	2. 1/2	86.5	58	45	82	1497	1
505476	KO8405A82	2. 9/16	88	63	49	86	1683	1
505477	KO8405A84	2. 5/8	90.5	63	49	86	1840	1
505478	KO8405A86	2.11/16	91.5	63	49	86	1800	1
505479	KO8405A88	2. 3/4	94	68	50	88	1963	1
505480	KO8405A90	2.13/16	96.5	68	50	88	2035	1
505481	KO8405A92	2. 7/8	98	70	50	88	2100	1
505482	KO8405A94	2.15/16	100.5	73	53	90	2204	1
505483	KO8405A96	3	103	75	53	90	2406	1
505452	KO8405A100	3. 1/8	106.5	75	58	95	2550	1
505453	KO8405A104	3. 1/4	110.5	78	57	95	2730	1
505454	KO8405A112	3. 1/2	119	80	59	100	3420	1

8760 Extension Bars



Item Code	Part No.	D (mm)	L (mm)	(g)	(pce.)
505509	KO8760200	44	200	1300	1
505510	KO8760400	44	400	2570	1

8770 Universal Joint

Item Code	Part No.	L (mm)	(g)	(pce.)
505513	KO8770	143	1170	1

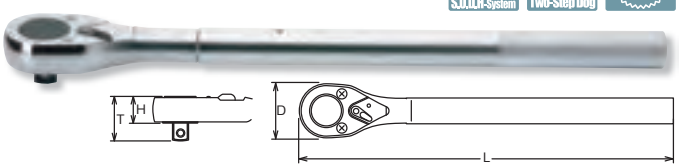
8866A Reducer Warranty 1850Nm ⚠

Item Code	Part No.	(mm)	(mm)	L (mm)	(g)	(pcs.)
505516	KO8866A	1"	3/4"	60	338	5

⚠ Adapting down from bigger square drive to smaller square drive may lead to excessive torque and possibly cause breakage.

8749 Reversible Ratchet

S.O.D.H-System · 2 Two-Step Dog · 36



* Renewal Kits → 8749RK ➡P277

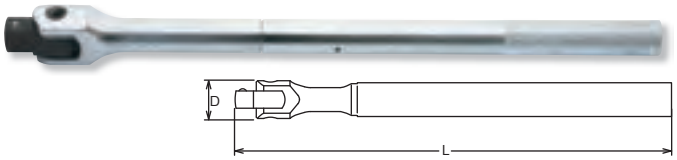
Item Code	Part No.	D (mm)	T (mm)	H (mm)	L (mm)	(g)	(pce.)
505505	KO8749	70	62.2	36.2	800	4090	1

^ = non stocked line

1" Sockets & Accessories

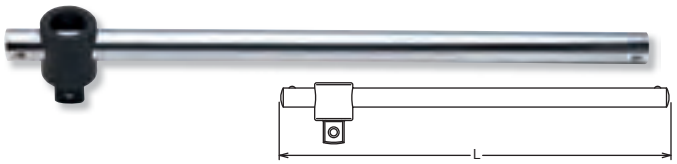
8768 Hinge Handle

* Renewal Kits → 8768RK



Item Code	Part No.	D (mm)	L (mm)	(g)	(pce.)
505511	KO8768	55	600	3190	1

8785 T-Handle



Item Code	Part No.	L (mm)	(g)	(pce.)
505515	KO8785	550	3190	1

8225M Socket Set

15 Piece Set
METAL CASE:W620×H217×T97mm

= 27,000g

Item Code	Part No.	Sockets		Accessories
505449	KO8225M	◯	8405M 12-pt. Sockets 32, 33, 36, 41, 46, 50, 55, 60, 65, 70, 75, 80mm	8749 8760-200 8760-400

8200M 8200A Socket Sets

12 Piece Set
METAL CASE:W600×H150×T110mm

= 18,600g

Item Code	Part No.	Sockets		Accessories
505448	KO8200M	◯	8405M 12-pt. Sockets 35, 38, 41, 46, 50, 54, 58, 63mm	8760-200 8760-400 8770 8785

12 Piece Set
METAL CASE:W600×H150×T110mm

= 18,600g

Item Code	Part No.	Sockets		Accessories
505447^	KO8200A	◯	8405A 12-pt. Sockets 1.7/16, 1.1/2, 1.5/8, 1.13/16, 2, 2.1/8, 2.1/4, 2.1/2"	8760-200 8760-400 8770 8785

8290M Socket Set

13 Piece Set
METAL CASE:W635×H150×T100mm

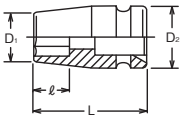
= 22,800g

Item Code	Part No.	Sockets		Accessories
505451	KO8290A	◯	8405A 12-pt. Sockets 1.7/16, 1.1/2, 1.5/8, 1.13/16, 2, 2.1/8, 2.1/4, 2.1/2"	8749 8760-200 8760-400 8770 8785

1/4" Impact Sockets & Accessories

12400M · 12400A

6-point Sockets



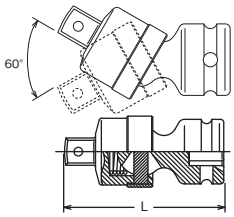
Item Code	Part No.	12400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
503653^	KO12400M06	6	10	13	5	23	14	10	*1
503654^	KO12400M07	7	11.3	13	5	23	14	10	*1
503655^	KO12400M08	8	12.5	13	6	23	14	10	*1
503656^	KO12400M10	10	15	13	7	23	15	10	*1
503657^	KO12400M12	12	17.5	13	8	23	19	10	*1

Item Code	Part No.	12400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
503652^	KO12400A08	1/4	10	13	5	23	14	10	*1

*1 Pin/O-Ring=1200A/B

12770

Universal Joint



Item Code	Part No.	L (mm)	(g)	(pcs.)	
503661^	KO12770P	39	30	10	*1

*1 Pin/O-Ring=1200A/B

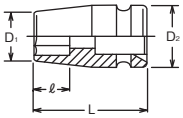
FLAT DRIVE®

Flat drive is designed to guarantee a flat surface contact between the socket and the bolt/nut. The Flat contact reduces wear and allows to transmit a higher torque value. The Flat Drive System is also used for the square drive end as well as the hexagonal or bi-hexagonal openings of the socket

3/8" Impact Sockets & Accessories

13400M · 13400A

6-point Sockets



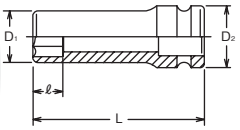
Item Code	Part No.	13400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
503711^	KO13400M06	6	10.8	19	5	32	40	10	*1
503712^	KO13400M07	7	12	19	5	32	40	10	*1
503713^	KO13400M08	8	13.3	19	6	32	40	10	*1
503714^	KO13400M09	9	14.5	19	7	32	40	10	*1
503715^	KO13400M10	10	15.8	19	7	32	40	10	*1
503716^	KO13400M11	11	17	19	8	32	41	10	*1
503717^	KO13400M12	12	18.3	19	9	32	43	10	*1
503718^	KO13400M13	13	19.5	22	10	32	56	10	*2
503719^	KO13400M14	14	20.8	22	10	32	56	10	*2
503720^	KO13400M15	15	22	22	11	32	56	10	*2
503721^	KO13400M16	16	23.3	22	11	32	57	10	*2
503722^	KO13400M17	17	24.5	22	12	32	60	10	*2
503723^	KO13400M18	18	25.8	22	12	32	62	10	*2
503724^	KO13400M19	19	27	22	12	32	67	10	*2
503725^	KO13400M21	21	29.5	22	12	32	71	10	*2
503726^	KO13400M22	22	30.8	22	13	32	72	10	*2
503727^	KO13400M23	23	32	22	13	32	75	10	*2

Item Code	Part No.	13400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
503700^	KO13400A08	1/4	10.8	19	5	32	40	10	*1
503701^	KO13400A10	5/16	13.3	19	6	32	40	10	*1
503702^	KO13400A12	3/8	15.8	19	7	32	40	10	*1
503703^	KO13400A14	7/16	17	19	8	32	41	10	*1
503704^	KO13400A16	1/2	19.5	22	10	32	56	10	*2
503705^	KO13400A18	9/16	20.8	22	10	32	56	10	*2
503706^	KO13400A20	5/8	23.3	22	11	32	57	10	*2
503707^	KO13400A22	11/16	24.5	22	12	32	60	10	*2
503708^	KO13400A24	3/4	27	22	12	32	67	10	*2
503709^	KO13400A26	13/16	29.5	22	12	32	71	10	*2
503710^	KO13400A28	7/8	30.8	22	13	32	72	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B

13300M · 13300A

6-point Sockets, deep



Item Code	Part No.	13300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
503681^	KO13300M06	6	10.8	19	6	80	77	10	*1
503682^	KO13300M07	7	12	19	7	80	82	10	*1
503683^	KO13300M08	8	13.3	19	8	80	82	10	*1
503684^	KO13300M09	9	14.5	19	9	80	88	10	*1
503685^	KO13300M10	10	15.8	19	10	80	94	10	*1
503686^	KO13300M11	11	17	19	11	80	110	10	*1
503687^	KO13300M12	12	18.3	19	12	80	111	10	*1
503688^	KO13300M13	13	19.5	22	13	80	138	10	*2
503689^	KO13300M14	14	20.8	22	14	80	148	10	*2
503690^	KO13300M15	15	22	22	15	80	157	10	*2
503691^	KO13300M16	16	23.3	22	16	80	156	10	*2
503692^	KO13300M17	17	24.5	22	17	80	168	10	*2
503693^	KO13300M18	18	25.8	22	18	80	190	10	*2
503694^	KO13300M19	19	27	22	19	80	192	10	*2
503695^	KO13300M20	20	28.3	22	20	80	224	10	*2
503696^	KO13300M21	21	29.5	22	21	80	226	10	*2
503697^	KO13300M22	22	30.8	22	22	80	231	10	*2

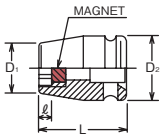
Item Code	Part No.	13300A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
503670^	KO13300A08	1/4	10.8	19	6	80	77	10	*1
503671^	KO13300A10	5/16	13.3	19	8	80	82	10	*1
503672^	KO13300A12	3/8	15.8	19	10	80	94	10	*1
503673^	KO13300A14	7/16	17	19	11	80	110	10	*1
503674^	KO13300A16	1/2	19.5	22	13	80	138	10	*2
503675^	KO13300A18	9/16	20.8	22	14	80	148	10	*2
503676^	KO13300A20	5/8	23.3	22	16	80	156	10	*2
503677^	KO13300A22	11/16	24.5	22	17	80	168	10	*2
503678^	KO13300A24	3/4	27	22	19	80	192	10	*2
503679^	KO13300A26	13/16	29.5	22	21	80	226	10	*2
503680^	KO13300A28	7/8	30.8	22	22	80	231	10	*2

*1 C-Ring=1301C, Pin/O-Ring=1301A/B
*2 C-Ring=1302C, Pin/O-Ring=1302A/B

^ = non stocked line

3/8" Impact Sockets & Accessories

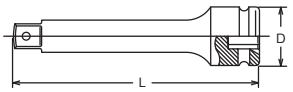
13400MG ⬡ 6-point Sockets with Magnet



Item Code	Part No.	13400MG (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
503728^	KO13400MG10	10	15.8	19	4.2	32	49	10	*1

*1 C-Ring=1301C, Pin/O-Ring=1301A/B

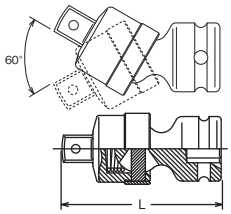
13760 Extension Bars



Item Code	Part No.	D (mm)	L (mm)	(g)	(pcs.)	
503731^	KO13760075	22	75	95	10	*1
503733^	KO13760125	22	125	141	10	*1
503735^	KO13760250	22	250	260	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1302A/B

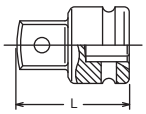
13770 Universal Joint



Item Code	Part No.	L (mm)	(g)	(pcs.)	
503736^	KO13770	56	110	10	*1

*1 C-Ring=1302C, Pin/O-Ring=1302A/B

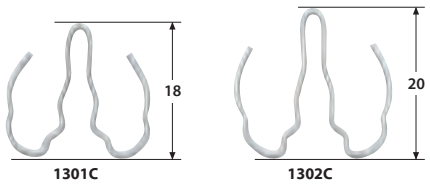
13344A Adaptor



Item Code	Part No.	(sq.)	(sq.)	L (mm)	(g)	(pcs.)	
503699	KO13344A	3/8"	1/2"	32.5	53	10	*1

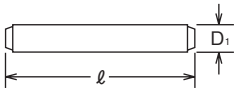
*1 C-Ring=1302C, Pin/O-Ring=1302A/B

1301C 1302C C-Ring



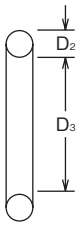
Item Code	Part No.	⬚	Opening (mm)	(pcs.)
503665^	KO1301C	3/8"	≦12	100
503668^	KO1302C	3/8"	>12	100

1301A 1302A Spare Pin



Item Code	Part No.	⬚	Opening (mm)	D1 (mm)	ℓ (mm)	(pcs.)
503663	KO1301A	3/8"	≦ 12	2.5	14.5	100
503666	KO1302A	3/8"	> 12	2.5	17.5	100

1301B 1302B Spare Ring



Item Code	Part No.	⬚	Opening (mm)	D2 (mm)	D3 (mm)	(pcs.)
503664	KO1301B	3/8"	≦ 12	3.5	13	100
503667	KO1302B	3/8"	> 12	3.5	16	100

13241M ⬡ Socket Set

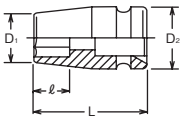
11 Piece Set
METAL CASE:W240×H30×T35mm

⚖ = 850g

Item Code	Part No.	Sockets
503669^	KO13241M	⬡ 13400M 6-pt. Sockets 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

1/2" Impact Sockets & Accessories

14400M · 14400A 6-point Sockets



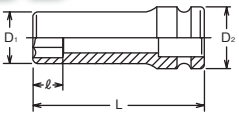
Item Code	Part No.	14400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
503838	KO14400M06	6	12	25	5	38	77	10	*1
503839	KO14400M08	8	14.5	25	6	38	85	10	*1
503840	KO14400M09	9	15.7	25	7	38	85	10	*1
503841	KO14400M10	10	17	25	7	38	85	10	*1
503842	KO14400M11	11	18.2	25	8	38	85	10	*1
503843	KO14400M12	12	19.5	25	9	38	85	10	*1
503844	KO14400M13	13	20.7	25	10	38	85	10	*1
503845	KO14400M14	14	22	25	10	38	85	10	*1
503846	KO14400M15	15	23.2	30	11	38	130	10	*2
503847	KO14400M16	16	24.5	30	11	38	130	10	*2
503848	KO14400M17	17	25.7	30	12	38	130	10	*2
503849	KO14400M18	18	27	30	13	38	130	10	*2
503850	KO14400M19	19	28.2	30	13	38	125	10	*2
503851	KO14400M20	20	29.5	30	13	38	127	10	*2
503852	KO14400M21	21	30.7	30	14	38	120	10	*2
503853	KO14400M22	22	32	30	14	38	130	10	*2
503854	KO14400M23	23	33.2	30	14	38	130	10	*2
503855	KO14400M24	24	34.5	30	14	38	135	10	*2
503856	KO14400M26	26	37	30	14	38	160	10	*2
503857	KO14400M27	27	38.2	30	16	40	160	10	*2
503858	KO14400M28	28	39.5	30	16	40	170	10	*2
503859	KO14400M29	29	40.7	30	17	42	190	10	*2
503860	KO14400M30	30	42	30	17	42	190	10	*2
503861	KO14400M32	32	44.5	30	18	42	216	10	*2
503862	KO14400M36	36	49.5	30	20	46	285	5	*2
503863	KO14400M41	41	55.7	30	21	55	411	2	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B

Item Code	Part No.	14400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
503821	KO14400A10	5/16	14.5	25	6	38	85	10	*1
503822	KO14400A12	3/8	17	25	7	38	85	10	*1
503823	KO14400A14	7/16	18.2	25	8	38	85	10	*1
503824	KO14400A16	1/2	20.7	25	10	38	85	10	*1
503825	KO14400A18	9/16	22	25	10	38	85	10	*1
503826	KO14400A19	19/32	23.2	30	11	38	130	10	*2
503827	KO14400A20	5/8	24.5	30	11	38	130	10	*2
503828	KO14400A22	11/16	25.7	30	12	38	130	10	*2
503829	KO14400A24	3/4	28.2	30	13	38	125	10	*2
503830	KO14400A26	13/16	30.7	30	14	38	120	10	*2
503831	KO14400A28	7/8	32	30	14	38	130	10	*2
503832	KO14400A30	15/16	34.5	30	14	38	135	10	*2
503833	KO14400A32	1	35.7	30	14	38	135	10	*2
503834	KO14400A34	1. 1/16	38.2	30	16	40	160	10	*2
503835	KO14400A36	1. 1/8	40.7	30	17	42	190	10	*2
503836	KO14400A38	1. 3/16	42	30	17	42	190	10	*2
503837	KO14400A40	1. 1/4	44.5	30	18	42	216	10	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B

14300M · 14300A 6-point Deep Sockets



Item Code	Part No.	14300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
503792	KO14300M08	8	14.5	25	8	80	137	10	*1
503793	KO14300M09	9	15.7	25	9	80	138	10	*1
503794	KO14300M10	10	17	25	10	80	140	10	*1
503795	KO14300M11	11	18.2	25	11	80	156	10	*1
503796	KO14300M12	12	19.5	25	12	80	162	10	*1
503797	KO14300M13	13	20.7	25	13	80	162	10	*1
503798	KO14300M14	14	22	25	14	80	174	10	*1
503799	KO14300M15	15	23.2	30	15	80	220	10	*2
503800	KO14300M16	16	24.5	30	16	80	232	10	*2
503801	KO14300M17	17	25.7	30	17	80	232	10	*2
503802	KO14300M18	18	27	30	18	80	232	10	*2
503803	KO14300M19	19	28.2	30	19	80	259	10	*2
503804	KO14300M21	21	30.7	30	21	80	265	10	*2
503805	KO14300M22	22	32	30	22	85	290	10	*2
503806	KO14300M23	23	33.2	30	23	85	300	10	*2
503807	KO14300M24	24	34.5	30	24	85	329	10	*2
503808	KO14300M26	26	37	30	26	85	350	10	*2
503809	KO14300M27	27	38.2	30	27	85	385	10	*2
503810	KO14300M29	29	40.7	30	29	85	416	10	*2
503811	KO14300M30	30	42	30	30	85	457	10	*2
503812	KO14300M31	31	43.2	30	31	85	505	10	*2
503813	KO14300M32	32	44.5	30	32	85	542	10	*2
503814	KO14300M34	34	47	30	33	85	570	2	*2
503815	KO14300M36	36	49.5	30	36	85	540	2	*2
503816	KO14300M41	41	55.7	30	38	85	625	2	*2

*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B

Item Code	Part No.	14300A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
503777	KO14300A10	5/16	14.5	25	8	80	137	10	*1
503778	KO14300A12	3/8	17	25	10	80	140	10	*1
503779	KO14300A14	7/16	18.2	25	11	80	156	10	*1
503780	KO14300A16	1/2	20.7	25	13	80	162	10	*1
503781	KO14300A18	9/16	22	25	14	80	174	10	*1
503782	KO14300A20	5/8	24.5	30	16	80	232	10	*2
503783	KO14300A22	11/16	25.7	30	17	80	232	10	*2
503784	KO14300A24	3/4	28.2	30	19	80	259	10	*2
503785	KO14300A26	13/16	30.7	30	21	80	265	10	*2
503786	KO14300A28	7/8	32	30	22	85	290	10	*2
503787	KO14300A30	15/16	34.5	30	24	85	329	10	*2
503788	KO14300A32	1	35.7	30	25	85	345	10	*2
503789	KO14300A34	1. 1/16	38.2	30	27	85	385	10	*2
503790	KO14300A36	1. 1/8	40.7	30	29	85	416	10	*2
503791	KO14300A40	1. 1/4	44.5	30	32	85	542	10	*2

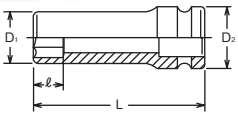
*1 C-Ring=1401C, Pin/O-Ring=1401A/B
*2 C-Ring=1402C, Pin/O-Ring=1402A/B

RS14401M/10 Thin-walled Socket Set on Rail

Item Code	Part No.	Socket Set	(g)
505542	KORS14401M/10	RS14401M: 10 Piece Set/Rail 300mm 10, 12, 13, 14, 17, 19, 21, 22, 24, 27mm	1,010

1/2" Impact Sockets & Accessories

14301M 6-point Deep Sockets, Thin-walled



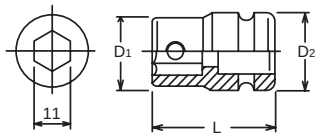
Item Code	Part No.	14301M (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
503817^	KO14301M17	17	24.2	29	17	80	182	10	*2

*2 C-Ring=1402C, Pin/O-Ring=1402A/B

RS14012M60/10 Inhex Socket Set on Rail

Item Code	Part No.	Socket Set	(g)
505541	KORS14012M60/10	RS14012A: 10 Piece Set/Rail 300mm 4, 5, 6, 7, 8, 10, 12, 14, 17, 19mm	1,300

14105 Bit Holder

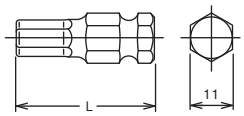


Item Code	Part No.	D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)	
503759^	KO14105	22	30	38	126	10	*1

*1 C-Ring=1402C, Pin/O-Ring=1402A/B

Replacement Screw : M5x6, ⬢2.5mm

107-11 Bits for Inhex Screws



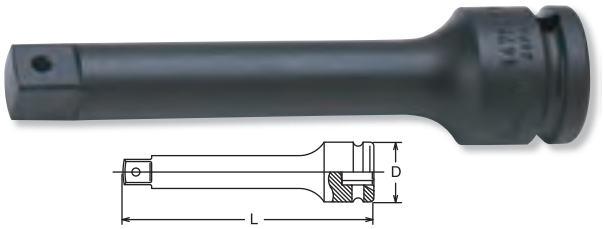
Item Code	Part No.	107.11 (mm)	L (mm)	(g)	(pcs.)
503626	KO10711M05	5	35	16	10
503627	KO10711M06	6	35	18	10
503628	KO10711M08	8	35	20	10
503629	KO10711M10	10	35	26	10
503630	KO10711M19	19	35	56	10

14203M Inhex Bit Set

10 Peice Set
METAL CASE: W215×H80×T47mm
= 900g

Item Code	Part No.	Bits	Bit Holder
503771	KO14203M	107.11 Hex Bits 5, 6, 8, 10	14105 Bit Holder
		107.16 Hex Bits 12, 14, 17, 19	14106 Bit Holder

14760 Extension Bars

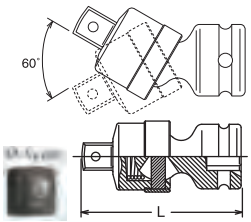


Item Code	Part No.	D (mm)	L (mm)	(g)	(pce.)	
503874^	KO14760050	30	50	150	1	*1
503875^	KO14760075	30	75	188	1	*1
503876^	KO14760125	30	125	275	1	*1
503877^	KO14760150	30	150	300	1	*1
503878^	KO14760225	30	225	440	1	*1
503879^	KO14760250	30	250	480	1	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B

14770 Universal Joint

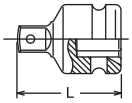
14770-B Universal Joint - Ball Type



Item Code	Part No.	L (mm)	(g)	(pcs.)	
503880	KO14770	74	210	5	*1
503881	KO14770-B	74	210	5	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B

14433A Reducer



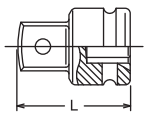
Item Code	Part No.	(sq.)	(sq.)	L (mm)	(g)	(pcs.)	
503868	KO14433A	1/2"	3/8"	36	68	10	*1
503869^	KO14433A-B	1/2"	3/8"	36	68	10	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B

Adapting down to a smaller square drive may lead to excessive torque load and possibly cause breakage. Always stay within limit torque of the smaller square drive.

1/2" Impact Sockets & Accessories

14466A Adaptor
14466A-B Adaptor - Ball Type



Item Code	Part No.	(sq.)	(sq.)	L (mm)	(g)	(pcs.)	
503871	KO14466A	1/2"	3/4"	44	146	10	*1
503782	KO14466A-B	1/2"	3/4"	44	146	10	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B

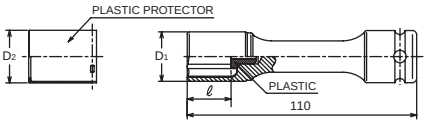
14201M Wheel Nut Sockets Set Extra Thin-walled

3 Piece Set
CARDBOARD BOX:W125×H95×T34mm

= 690g

Item Code	Part No.	Sockets
503770	KO14201M	14145PM.110 Impact Wheel Nut Sockets 17, 19, 21mm

14145PM-110 Wheel Nut Sockets, Extra Thin-walled



A detachable plastic protector is fitted to the socket to prevent damage to the wheel when working in tight areas.
The socket size and Ko-ken mark printed on the shaft makes it easier to see if the socket is still rotating or stopped.

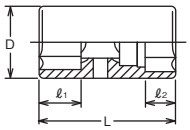
Impact Wheel Nut Sockets-Extra Thin wall
Special design for wheel nut work.
-110mm length gives socket extra reach for nuts recessed deep inside the wheel and ideal for Aluminum wheel nuts where access to nut is very tight.
-Blue (17mm), Red (19mm), Yellow (21mm) and White (22mm), colour coded shafts make size identification easy.
-Plastic insert helps prevent damaged to wheel nut.

Please note that thin walled design is only for wheel nut work and Torque rating is limited.

Item Code	Part No.	14145PM.110 (mm)		D1 (mm)	D2 (mm)	ℓ (mm)	Shaft Color	(g)	(pcs.)	
503765	K014145PM17	17	1/2"	23.7	25.2	21		223	5	*1
503766	K014145PM19	19		25.7	27.2	23		231	5	*1
503767	K014145PM21	21		27.5	29.5	25		236	5	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B

14118M · 14118A Wheel Nut Sockets, Double Ended



Item Code	Part No.	14118M (mm)		D (mm)	ℓ1 (mm)	ℓ2 (mm)	L (mm)	(g)	(pcs.)
503761	KO14118M1921	19×21	1/2"	31	17.5	13	57	177	10
503762	KO14118M1922	19×22		31	17.5	15	57	187	10
503763	KO14118M2122	21×22		31	17.5	15	57	185	10

Item Code	Part No.	14118A (inch)		D (mm)	ℓ1 (mm)	ℓ2 (mm)	L (mm)	(g)	(pcs.)
503760^	KO14118A2426	3/4×13/16	1/2"	30	17.5	13	57	185	10

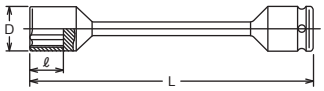
14124/3 Lock Nut Busters (Double Ended) in set

3 Piece Set
CARDBOARD BOX:W125×H91×T43mm

= 580g

Item Code	Part No.	Sockets	Accessories
503764	KO14124/3	14124: Lock Nut Buster 21×24.5 26×27.5	14760-75B

KP14101 Torsion Bars (for tightening only)



Item Code	Part No.	KP14101 (mm×Nm)		D (mm)	ℓ (mm)	L (mm)	Shaft Color	(g)	(pcs.)	
503752^	K014101MP1775	17× 75Nm	1/2"	22	11	208		230	1	*1
503753^	K014101MP1795	17× 95Nm		25.7	12	214		256	1	*1
503751^	K014101MP17110	17×110Nm		24	21	204		230	10	*1
503755^	K014101MP1960	19× 60Nm		28.2	13	219		237	1	*1
503756^	K014101MP1990	19× 90Nm		26	24	259		250	10	*1
503754^	K014101MP19120	19×120Nm		28.2	13	203		297	1	*1
503757^	K014101MP21100	21×100Nm		30.7	14	214		288	1	*1
503758^	K014101MP21120	21×120Nm		30.7	14	203		288	1	*1

*1 C-Ring=1401C, Pin/O-Ring=1401A/B

How to use Torsion Bar:
1. Use with a 1/2" Sq. Dr. Pneumatic impact wrench.
2. Set air pressure 0.6MPa, and set impact wrench dial Medium range.
3. Chose a suitable Torsion bar according to wheel nut size and indicated tightening torque.
4. Attach the torsion bar to impact wrench and apply load.
5. Check the actual tightening torque value with torque wrench.
6. Adjust air pressure or torque value according to the results of check 5.
7. Tighten other wheel nut in diagonal order.

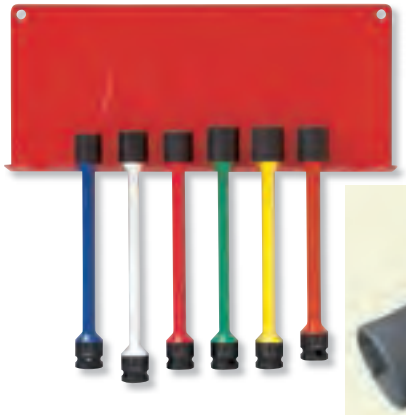
Torsion Bars
- Designed for tightening wheel nuts with an impact wrench.
- Prevent the excessive torque load.
- Color coded shafts make size identification easy.

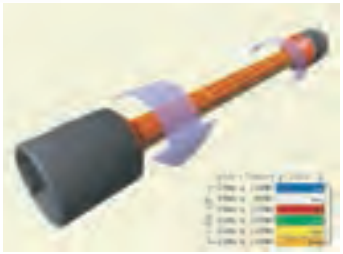
^ = non stocked line

1/2" Impact Sockets & Accessories

KP14101/6H

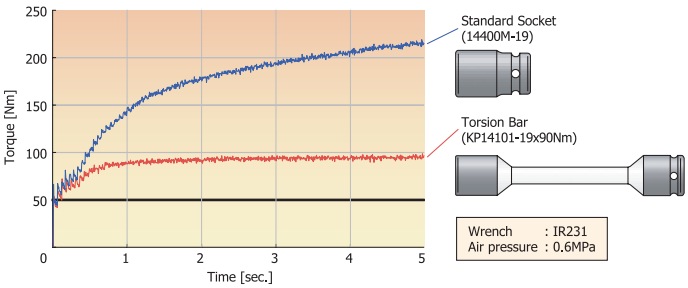
Metal-Wall-Hanger for Workshops





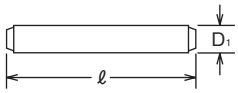
HANGER

Item Code	Part No.	Torsion Bar Set	(g)
505528^	KOKP14101/6H	**KP14101: 6 Piece Set** Impact Torsion Bars (Thin walled) 17×110Nm, 19×90Nm, 19×110Nm, 21×100Nm, 21×110Nm, 21×130Nm	2,230



1401A
1402A

Spare Pin



Item Code	Part No.	⍁	Opening (mm)	D_1 (mm)	ℓ (mm)	(pcs.)
503743	KO1401A	1/2"	≦ 14	3.5	20	100
503746	KO1402A	1/2"	> 14	3.5	25	100

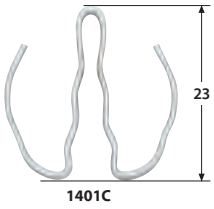
1401B
1402B

Spare Ring

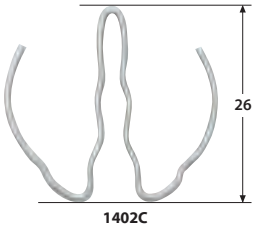
Item Code	Part No.	⍁	Opening (mm)	D_2 (mm)	D3 (mm)	(pcs.)
503744	KO1401B	1/2"	≦ 14	4	19	100
503747	KO1402B	1/2"	> 14	4	24	100

1401C-10
1402C-10

C-Ring 10 Clips + Puller



1401C



1402C

149

Item Code	Part No.	⍁	Opening (mm)	C-Ring 10pcs.	Puller 1pce.
503745^	KOPK1401C-10	1/2"	≦14	1401C + 149	
503748^	KOPK1402C-10	1/2"	>14	1402C + 149	

One Piece solid springs steel ring. Simply set by finger pushing and easily removed by puller. Much more convenient and safer than combination of pin and o-ring.

1/2" Impact Sockets & Accessories

14241M
14241A

Impact Socket Set

13 Piece Set
METAL CASE:W196×H100×T45mm

⚖ = 2,000g

Item Code	Part No.	Sockets
503776	KO14241M	**14400M** 6-pt. Sockets 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27mm

12 Piece Set
METAL CASE:W196×H100×T45mm

⚖ = 1,970g

Item Code	Part No.	Sockets
503775	KO14241A	**14400A** 6-pt. Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1.1/8"

14200M11
14200A10

Impact Socket Set

11 Piece Set
METAL CASE:W198×H103×T47mm

⚖ = 1,865g

Item Code	Part No.	Sockets
503769	KO14200M11	**14400M** 6-pt. Sockets 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 24mm

10 Piece Set
METAL CASE:W198×H103×T47mm

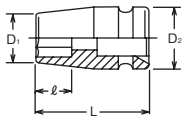
⚖ = 1,750g

Item Code	Part No.	Sockets
503768^	KO14200A10	**14400A** 6-pt. Sockets 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1.1/16"

^ = non stocked line

3/4" Impact Sockets & Accessories

16400M · 16400A ⬡ 6-point Sockets

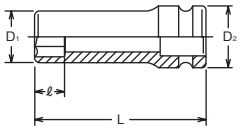


Item Code	Part No.	16400M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
504004	KO16400M17	17	30	44	12	50	355	5	*1
504005	KO16400M18	18	31.3	44	13	50	372	5	*1
504006	KO16400M19	19	32.5	44	13	50	360	5	*1
504007	KO16400M20	20	33.8	44	14	50	375	5	*1
504008	KO16400M21	21	35	44	15	50	374	5	*1
504009	KO16400M22	22	36.3	44	15	50	373	5	*1
504010	KO16400M23	23	37.5	44	16	50	373	5	*1
504011	KO16400M24	24	38.8	44	16	50	370	5	*1
504012	KO16400M25	25	40	44	16	50	374	5	*1
504013	KO16400M26	26	41.3	44	16	50	378	5	*1
504014	KO16400M27	27	42.5	44	16	50	375	5	*1
504015	KO16400M28	28	43.8	44	16	50	383	5	*1
504016	KO16400M29	29	45	44	18	53	412	5	*1
504017	KO16400M30	30	46.3	44	18	53	410	5	*1
504018	KO16400M31	31	47.5	44	18	53	426	5	*1
504019	KO16400M32	32	48.8	44	19	53	428	5	*1
504020	KO16400M33	33	50	44	20	55	470	5	*1
504021	KO16400M34	34	51.3	44	20	55	490	5	*1
504022	KO16400M35	35	52.5	44	20	55	494	5	*1
504023	KO16400M36	36	53.8	44	20	55	498	5	*1
504024	KO16400M38	38	56.3	44	20	57	558	2	*1
504025	KO16400M41	41	60	44	22	57	572	2	*1
504026	KO16400M42	42	61.3	44	22	57	617	2	*1
504027	KO16400M46	46	66.3	44	23	62	755	2	*1
504028	KO16400M50	50	71.3	54	30	62	930	2	*2
504029	KO16400M54	54	76.3	54	29	62	1035	2	*2
504030	KO16400M55	55	77.5	54	29	62	1056	2	*2
504031	KO16400M56	56	78.8	54	29	62	1091	2	*2
504032	KO16400M58	58	81.3	54	31	65	1163	2	*2
504033	KO16400M60	60	83.8	54	31	65	1215	2	*2

*1 C-Ring=1600C, Pin/O-Ring=1601A/B
*2 C-Ring=1801C, Pin/O-Ring=1602A/B

Item Code	Part No.	16400A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
503976	KO16400A22	11/16	30	44	12	50	355	5	*1
503977	KO16400A24	3/4	32.5	44	13	50	360	5	*1
503978	KO16400A26	13/16	35	44	15	50	374	5	*1
503979	KO16400A28	7/8	36.3	44	15	50	373	5	*1
503980	KO16400A30	15/16	38.8	44	16	50	370	5	*1
503981	KO16400A32	1	40	44	16	50	374	5	*1
503982	KO16400A34	1. 1/16	42.5	44	16	50	375	5	*1
503983	KO16400A36	1. 1/8	45	44	18	53	412	5	*1
503984	KO16400A38	1. 3/16	46.3	44	18	53	410	5	*1
503985	KO16400A40	1. 1/4	48.8	44	19	53	428	5	*1
503986	KO16400A42	1. 5/16	51.3	44	20	55	490	5	*1
503987	KO16400A44	1. 3/8	52.5	44	20	55	494	5	*1
503988	KO16400A46	1. 7/16	55	44	20	55	526	2	*1
503989	KO16400A48	1. 1/2	56.3	44	20	57	558	2	*1
503990	KO16400A50	1. 9/16	58.8	44	20	57	598	2	*1
503991	KO16400A52	1. 5/8	60	44	22	57	572	2	*1
503992	KO16400A54	1.11/16	62.5	44	23	62	720	2	*1
503993	KO16400A56	1. 3/4	65	44	23	62	757	2	*1
503994	KO16400A58	1.13/16	66.3	44	23	62	755	2	*1
503995	KO16400A60	1. 7/8	68.8	54	23	62	940	2	*2
503996	KO16400A62	1.15/16	70	54	23	62	912	2	*2
503997	KO16400A64	2	72.5	54	30	62	969	2	*2
503998	KO16400A66	2. 1/16	73.8	54	29	62	1011	2	*2
503999	KO16400A68	2. 1/8	76.3	54	29	62	1035	2	*2
504000	KO16400A70	2. 3/16	77.5	54	29	62	1056	2	*2
504001	KO16400A72	2. 1/4	80	54	32	65	1126	2	*2
504002	KO16400A74	2. 5/16	81.3	54	31	65	1163	2	*2
504003	KO16400A76	2. 3/8	83.8	54	31	65	1215	2	*2

16300M · 16300A ⬡ 6-point Sockets, deep



Item Code	Part No.	16300M (mm)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
503936	KO16300M19	19	32.5	44	19	100	655	2	*1
503937	KO16300M20	20	33.8	44	20	100	680	2	*1
503938	KO16300M21	21	35	44	21	100	700	2	*1
503939	KO16300M22	22	36.3	44	22	100	700	2	*1
503940	KO16300M23	23	37.5	44	23	100	720	2	*1
503941	KO16300M24	24	38.8	44	24	100	705	2	*1
503942	KO16300M25	25	40	44	25	100	715	2	*1
503943	KO16300M26	26	41.3	44	26	100	760	2	*1
503944	KO16300M27	27	42.5	44	27	100	765	2	*1
503945	KO16300M28	28	43.8	44	28	100	800	2	*1
503946	KO16300M29	29	45	44	29	100	835	2	*1
503947	KO16300M30	30	46.3	44	30	100	840	2	*1
503948	KO16300M31	31	47.5	44	31	100	815	2	*1
503949	KO16300M32	32	48.8	44	32	100	875	2	*1
503950	KO16300M33	33	50	44	33	100	920	2	*1
503951	KO16300M34	34	51.3	44	34	100	950	2	*1
503952	KO16300M35	35	52.5	44	35	100	980	2	*1
503953	KO16300M36	36	53.8	44	36	100	960	2	*1
503954	KO16300M37	37	55	44	37	100	970	2	*1
503955	KO16300M38	38	56.3	44	38	100	990	2	*1
503956	KO16300M41	41	60	44	38	100	1120	2	*1
503957	KO16300M42	42	61.3	44	38	100	1153	2	*1
503958	KO16300M46	46	66.3	44	38	100	1305	2	*1
503959	KO16300M50	50	71.3	54	61	100	1469	2	*2

*1 C-Ring=1600C, Pin/O-Ring=1601A/B
*2 C-Ring=1801C, Pin/O-Ring=1602A/B

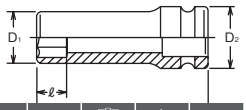
Item Code	Part No.	16300A (inch)	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
503916	KO16300A24	3/4	32.5	44	19	100	655	2	*1
503917	KO16300A26	13/16	35	44	21	100	700	2	*1
503918	KO16300A28	7/8	36.3	44	22	100	700	2	*1
503919	KO16300A30	15/16	38.8	44	24	100	705	2	*1
503920	KO16300A32	1	40	44	25	100	715	2	*1
503921	KO16300A34	1. 1/16	42.5	44	27	100	765	2	*1
503922	KO16300A36	1. 1/8	45	44	29	100	835	2	*1
503923	KO16300A38	1. 3/16	46.3	44	30	100	840	2	*1
503924	KO16300A40	1. 1/4	48.8	44	32	100	875	2	*1
503925	KO16300A42	1. 5/16	51.3	44	34	100	950	2	*1
503926	KO16300A44	1. 3/8	52.5	44	35	100	980	2	*1
503927	KO16300A46	1. 7/16	55	44	37	100	970	2	*1
503928	KO16300A48	1. 1/2	56.3	44	38	100	990	2	*1
503929	KO16300A50	1. 9/16	58.8	44	38	100	1060	2	*1
503930	KO16300A52	1. 5/8	60	44	38	100	1120	2	*1
503931	KO16300A54	1.11/16	62.5	44	38	100	1200	2	*1
503932	KO16300A56	1. 3/4	65	44	38	100	1284	2	*1
503933	KO16300A58	1.13/16	66.3	44	38	100	1305	2	*1
503934	KO16300A60	1. 7/8	68.8	54	38	100	1561	2	*2
503935	KO16300A64	2	72.5	54	60	100	1516	2	*2

*1 C-Ring=1600C, Pin/O-Ring=1601A/B
*2 C-Ring=1801C, Pin/O-Ring=1602A/B

3/4" Impact Sockets & Accessories

16301M

6-point Deep Sockets, Thin Walled

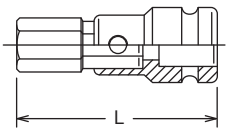


Item Code	Part No.	16301M (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
503961	KO16301M17	17	28	43	17	100	470	2	*1
503962	KO16301M24	24	36.8	43	24	100	560	2	*1
503963	KO16301M27	27	40.5	43	27	100	610	2	*1
503964	KO16301M30	30	44.3	43	30	100	670	2	*1
503965	KO16301M32	32	46.8	43	32	100	715	2	*1
503966^	KO16301M33	33	48	43	33	100	730	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B

16106-16

Hex bit sockets

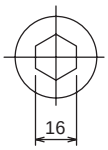


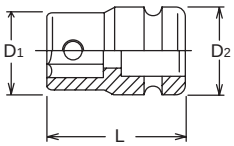
Item Code	Part No.	16106.16 (mm)	L (mm)	(g)	(pce.)	
503904	KO16106-16M10	10	76	416	1	*1
503905	KO16106-16M14	14	76	430	1	*1
503906	KO16106-16M17	17	76	443	1	*1
503907	KO16106-16M19	19	76	450	1	*1
503908	KO16106-16M22	22	76	473	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B

16106

Bit Holder, For 107-16





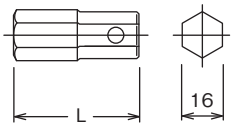
Item Code	Part No.	D_1 (mm)	D_2 (mm)	L (mm)	(g)	(pcs.)	
503903	KO16106	32	44	52	370	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B

Replacement Screw : M6x10, ⬢3mm

107-16

Bits for Inhex screws



Item Code	Part No.	107.16 (mm)	L (mm)	(g)	(pcs.)
503631	KO10716M10	10	40	46	10
503632	KO10716M12	12	40	52	10
503633	KO10716M14	14	40	60	10
503634	KO10716M17	17	40	73	10
503635	KO10716M19	19	40	80	10
503636	KO10716M22	22	40	97	10

16204AM

Hex Bit Set

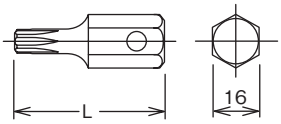
9 Piece Set
METAL CASE: W215xH80xT47mm

= 1,200g

Item Code	Part No.	Bit Holder	Hex Bit - 16H Shank
503914	KO16204AM	16106	**107-16:** 12, 14, 17, 19mm **107-16:** 1/2, 9/16, 5/8"

107-16 (T)

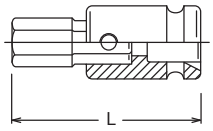
TORX® Bits



Item Code	Part No.	107.16 (T)	L (mm)	(g)	(pcs.)
503637	KO10716T55	T55	50	57	10
503638	KO10716T60	T60	50	64	10
503639	KO10716T70	T70	50	73	10

16107-22

Hex bit sockets



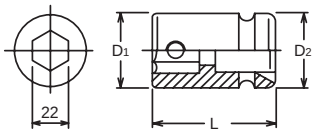
Item Code	Part No.	16107.22 (mm)	L (mm)	(g)	(pce.)	
503910^	KO16107-22M24	24	88	706	1	*1
503911^	KO16107-22M27	27	88	730	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B

^ = non stocked line

3/4" Impact Sockets & Accessories

16107 Bit Holder

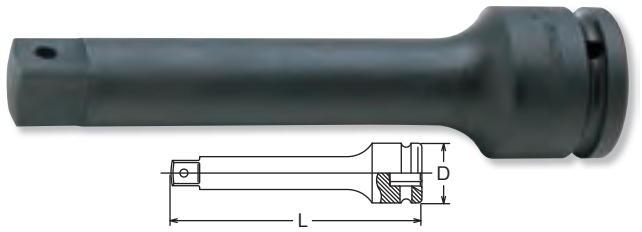


Item Code	Part No.	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)	
503909	KO16107	44	44	60	530	2	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B

Replacement Screw : M8x14, ⬢4mm

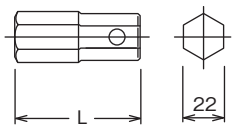
16760 Extension Bars



Item Code	Part No.	D (mm)	L (mm)	(g)	(pce.)	
504043	KO16760175	44	175	870	1	*1
504044	KO16760250	44	250	1150	1	*1
504045	KO16760330	44	330	1460	1	*1

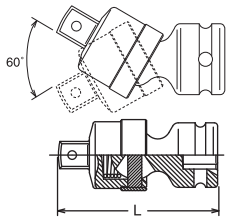
*1 C-Ring=1600C, Pin/O-Ring=1601A/B

107-22 Bits for Inhex Screws



Item Code	Part No.	107.22 (mm)	L (mm)	(g)	(pcs.)
503640^	KO10722M19	19	50	140	10
503641^	KO10722M22	22	50	162	10
503642^	KO10722M24	24	50	176	10
503643^	KO10722M27	27	50	200	10

16770 Universal Joint



Item Code	Part No.	L (mm)	(g)	(pce.)	
504046	KO16770	106	790	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B

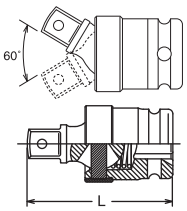
16205M Hex Bit Set

6 Piece Set
METAL CASE: W215xH80xT47mm

⚖ = 1,650g

Item Code	Part No.	Bit Holder	Hex Bit - 22H Shank
503915	KO16205M	16107	107-22: 17, 19, 22, 24, 27mm

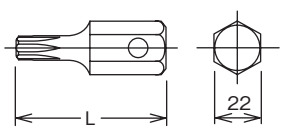
16771 Universal Joint



Item Code	Part No.	L (mm)	(g)	(pce.)	
504048^	KO16771	95	720	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B

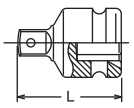
107-22 (T) TORX® Bits



Item Code	Part No.	107.22 (T)	L (mm)	(g)	(pcs.)
503645	KO10722T80	T 80	60	141	10
503646	KO10722T90	T 90	60	155	10
503644	KO10722T100	T100	60	170	10

16644A Reducer

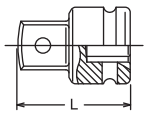
No Warranty



Item Code	Part No.	(sq.)	(sq.)	L (mm)	(g)	(pce.)	
504034	KO16644A	3/4"	1/2"	52	310	1	*1

3/4" Impact Sockets & Accessories

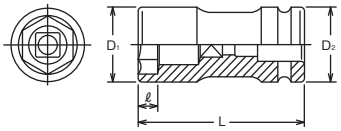
16688A Adaptor



Item Code	Part No.	(sq.)	(sq.)	L (mm)	(g)	(pce.)	
504035	KO16688A	3/4"	1"	62	435	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B

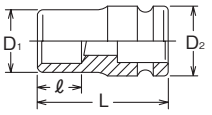
16316M Rear Wheel Nut Sockets



Item Code	Part No.	16316M (mm×mm)		D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
503967	KO16316M3517	35×17		52	44	10	90	865	1	*1
503968	KO16316M3820	38×20		56	44	13	100	952	1	*1
503969	KO16316M4119	41×19	3/4"	59	44	12	100	1037	1	*1
503970	KO16316M4121	41×21		59	44	15	100	963	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B

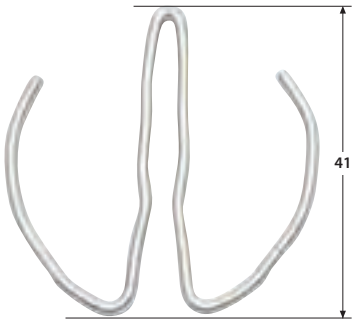
16317M Rear Wheel Nut Sockets



Item Code	Part No.	16317M (mm)		D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	(g)	(pce.)	
503971	KO16317M17	17		40	44	22.5	67	485	1	*1
503972	KO16317M19	19		40	44	22.5	67	462	1	*1
503973	KO16317M20	20	3/4"	44	44	22.5	67	517	1	*1
503974	KO16317M21	21		44	44	22.5	67	489	1	*1
503975	KO16317M22	22		44	44	22.5	67	482	1	*1

*1 C-Ring=1600C, Pin/O-Ring=1601A/B

1600C-10 C-Ring 10 Clips + Puller



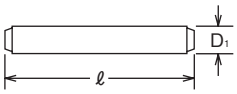
1600C

152

Item Code	Part No.		Opening (mm)	C-Ring 10pcs.	Puller 1pce.
503900^	KO1600C-10	3/4"	≦ 46	1600C + 152	

One Piece solid springs steel ring. Simply set by finger pushing and easily removed by puller. Much more convenient and safer than combination of pin and o-ring.

1601A Spare Pin



Item Code	Part No.		Opening (mm)	D1 (mm)	ℓ (mm)	(pcs.)
503901	KO1601A	3/4"	≦ 46	5.5	35	100

1601B Spare Ring

Item Code	Part No.		Opening (mm)	D2 (mm)	D3 (mm)	(pcs.)
503902	KO1601B	3/4"	≦ 46	5	36	100

^ = non stocked line

3/4" Impact Sockets & Accessories

16200M6 Impact Socket Set

6 Piece Set
METAL CASE: W290xH124xT69mm

⚖ = 3,700g

Item Code	Part No.	Sockets
503913	KO16200M6	**16200M** 6-pt. Sockets 22, 24, 27, 30, 32, 36mm

16200A8 Impact Socket Set

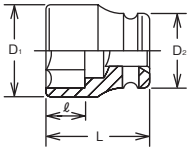
8 Piece Set
METAL CASE: W290xH124xT69mm

⚖ = 4,700g

Item Code	Part No.	Sockets
503912^	KO16200A8	**16200A** 6-pt. Sockets 15/16, 1, 1.1/16, 1.1/8, 1.3/16, 1.1/4, 1.5/16, 1.1/2"

1" Impact Sockets & Accessories

18400M · 18400A ⬡ 6-point Sockets



Item Code	Part No.	18400M (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	⚖ (g)	◈ (pcs.)	◐
504192	KO18400M21	21	37.8	54	15	57	605	2	*1
504193	KO18400M22	22	39	54	15	57	620	2	*1
504194	KO18400M23	23	40.3	54	16	57	615	2	*1
504195	KO18400M24	24	41.5	54	16	57	627	2	*1
504196	KO18400M25	25	42.8	54	16	57	620	2	*1
504197	KO18400M26	26	44	54	16	57	640	2	*1
504198	KO18400M27	27	45.3	54	16	57	627	2	*1
504199	KO18400M28	28	46.5	54	16	57	640	2	*1
504200	KO18400M29	29	47.8	54	18	57	657	2	*1
504201	KO18400M30	30	49	54	21	62	657	2	*1
504202	KO18400M31	31	50.3	54	21	62	687	2	*1
504203	KO18400M32	32	51.5	54	21	62	685	2	*1
504204	KO18400M33	33	52.8	54	21	62	685	2	*1
504205	KO18400M34	34	54	54	21	62	690	2	*1
504206	KO18400M35	35	55.3	54	21	62	710	2	*1
504207	KO18400M36	36	56.5	54	21	62	712	2	*1
504208	KO18400M38	38	59	54	25	66	720	2	*1
504209	KO18400M40	40	61.5	54	25	66	850	2	*1
504210	KO18400M41	41	62.8	54	25	66	850	2	*1
504211	KO18400M42	42	64	54	25	66	905	2	*1
504212	KO18400M45	45	67.8	54	27	68	963	2	*1
504213	KO18400M46	46	69	54	29	70	1010	2	*1
504214	KO18400M50	50	74	54	35	70	1065	2	*1
504215	KO18400M52	52	76.5	54	40	75	1185	2	*1
504216	KO18400M55	55	80.3	54	39	75	1260	2	*1
504217	KO18400M60	60	86.5	54	39	75	1400	2	*1
504218	KO18400M63	63	90.3	54	38	75	1383	2	*1
504219	KO18400M65	65	92.8	54	38	75	1630	2	*1
504220	KO18400M70	70	99	54	37	75	1625	1	*1
504221	KO18400M75	75	105.3	86	37	80	2675	1	*2
504222	KO18400M80	80	111.5	86	41	85	2996	1	*2
504223	KO18400M85	85	117.8	86	37	90	3378	1	*2
504224	KO18400M90	90	124	86	40	95	3871	1	*2

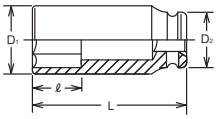
*1 C-Ring=1801C, Pin/O-Ring=1801A/B
*2 C-Ring=1802C, Pin/O-Ring=1802A/B

Item Code	Part No.	18400A (inch)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	⚖ (g)	◈ (pcs.)	◐
504151	KO18400A026	13/16	37.8	54	15	57	605	2	*1
504152	KO18400A028	7/8	39	54	15	57	620	2	*1
504153	KO18400A030	15/16	41.5	54	16	57	627	2	*1
504154	KO18400A032	1	42.8	54	16	57	620	2	*1
504155	KO18400A034	1. 1/16	45.3	54	16	57	627	2	*1
504156	KO18400A036	1. 1/8	47.8	54	18	57	657	2	*1
504157	KO18400A038	1. 3/16	49	54	21	62	657	2	*1
504158	KO18400A040	1. 1/4	51.5	54	21	62	685	2	*1
504159	KO18400A042	1. 5/16	54	54	21	62	690	2	*1
504160	KO18400A044	1. 3/8	55.3	54	21	62	710	2	*1
504161	KO18400A046	1. 7/16	57.8	54	21	62	735	2	*1
504162	KO18400A048	1. 1/2	59	54	25	66	720	2	*1
504163	KO18400A050	1. 9/16	61.5	54	25	66	850	2	*1
504164	KO18400A052	1. 5/8	62.8	54	25	66	850	2	*1
504165	KO18400A054	1.11/16	65.3	54	27	68	977	2	*1
504166	KO18400A056	1. 3/4	67.8	54	27	68	963	2	*1
504167	KO18400A058	1.13/16	69	54	29	70	1010	2	*1
504168	KO18400A060	1. 7/8	71.5	54	35	70	990	2	*1
504169	KO18400A062	1.15/16	72.8	54	35	70	1000	2	*1
504170	KO18400A064	2	75.3	54	35	70	1060	2	*1
504171	KO18400A066	2. 1/16	76.5	54	40	75	1185	2	*1
504172	KO18400A068	2. 1/8	79	54	40	75	1252	2	*1
504173	KO18400A070	2. 3/16	80.3	54	39	75	1260	2	*1
504174	KO18400A072	2. 1/4	82.8	54	39	75	1337	2	*1
504175	KO18400A074	2. 5/16	84	54	39	75	1340	2	*1
504176	KO18400A076	2. 3/8	86.5	54	39	75	1400	2	*1
504177	KO18400A078	2. 7/16	89	54	38	75	1410	2	*1
504178	KO18400A080	2. 1/2	91.5	54	38	75	1498	2	*1
504179	KO18400A082	2. 9/16	92.8	54	38	75	1630	2	*1
504180	KO18400A084	2. 5/8	95.3	54	38	75	1580	2	*1
504181	KO18400A086	2.11/16	96.5	54	37	75	1583	1	*1
504182	KO18400A088	2. 3/4	99	54	37	75	1625	1	*1
504183	KO18400A090	2.13/16	101.5	86	37	80	2705	1	*2
504184	KO18400A092	2. 7/8	102.8	86	38	80	2629	1	*2
504185	KO18400A094	2.15/16	105.3	86	37	80	2675	1	*2
504186	KO18400A096	3	106.5	86	37	80	2705	1	*2
504187	KO18400A098	3. 1/16	109	86	42	85	2967	1	*2
504188	KO18400A100	3. 1/8	111.5	86	41	85	2996	1	*2
504189	KO18400A104	3. 1/4	115.3	86	44	90	3328	1	*2
504190	KO18400A108	3. 3/8	119	86	36	90	3389	1	*2
504191	KO18400A112	3. 1/2	124	86	40	95	3871	1	*2

*1 C-Ring=1801C, Pin/O-Ring=1801A/B
*2 C-Ring=1802C, Pin/O-Ring=1802A/B

1" Impact Sockets & Accessories

18300M · 18300A ⬡ 6-point Sockets, deep



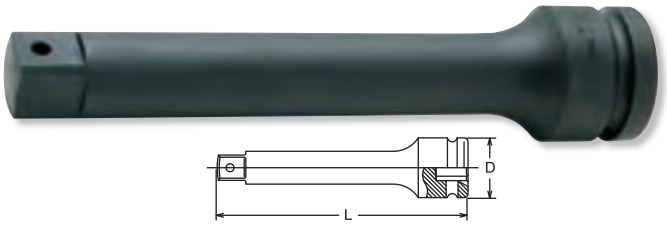
Item Code	Part No.	18300M (mm)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
504125	KO18300M22	22	39	54	22	108	1010	2	*1
504126	KO18300M23	23	40.3	54	26	108	1063	2	*1
504127	KO18300M24	24	41.5	54	24	108	1060	2	*1
504128	KO18300M25	25	42.8	54	25	108	1085	2	*1
504129	KO18300M26	26	44	54	26	108	1133	2	*1
504130	KO18300M27	27	45.3	54	27	108	1125	2	*1
504131	KO18300M28	28	46.5	54	28	108	1140	2	*1
504132	KO18300M29	29	47.8	54	29	108	1120	2	*1
504133	KO18300M30	30	49	54	30	108	1179	2	*1
504134	KO18300M31	31	50.3	54	31	108	1125	2	*1
504135	KO18300M32	32	51.5	54	32	108	1200	2	*1
504136	KO18300M33	33	52.8	54	33	108	1200	2	*1
504137	KO18300M34	34	54	54	34	108	1280	2	*1
504138	KO18300M35	35	55.3	54	35	108	1300	2	*1
504139	KO18300M36	36	56.5	54	36	108	1280	2	*1
504140	KO18300M38	38	59	54	38	108	1423	2	*1
504141	KO18300M41	41	62.8	54	38	108	1450	2	*1
504142	KO18300M42	42	64	54	38	108	1550	2	*1
504143	KO18300M46	46	69	54	38	108	1680	2	*1
504144	KO18300M48	48	71.5	54	67	108	1500	2	*1
504145	KO18300M50	50	74	54	66	108	1650	2	*1
504146	KO18300M52	52	76.5	54	65	108	1770	2	*1
504147	KO18300M55	55	80.3	54	63	108	1855	2	*1
504148	KO18300M60	60	86.5	54	60	108	2047	2	*1
504149	KO18300M65	65	92.8	54	58	108	2310	2	*1
504150	KO18300M70	70	99	54	55	108	2440	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B
*2 C-Ring=1802C, Pin/O-Ring=1802A/B

Item Code	Part No.	18300A (inch)	D_1 (mm)	D_2 (mm)	ℓ (mm)	L (mm)	(g)	(pcs.)	
504098	KO18300A28	7/8	39	54	22	108	1010	2	*1
504099	KO18300A30	15/16	41.5	54	24	108	1060	2	*1
504100	KO18300A32	1	42.8	54	25	108	1085	2	*1
504101	KO18300A34	1. 1/16	45.3	54	27	108	1125	2	*1
504102	KO18300A36	1. 1/8	47.8	54	29	108	1120	2	*1
504103	KO18300A38	1. 3/16	49	54	30	108	1179	2	*1
504104	KO18300A40	1. 1/4	51.5	54	32	108	1200	2	*1
504105	KO18300A42	1. 5/16	54	54	34	108	1280	2	*1
504106	KO18300A44	1. 3/8	55.3	54	35	108	1300	2	*1
504107	KO18300A46	1. 7/16	57.8	54	37	108	1320	2	*1
504108	KO18300A48	1. 1/2	59	54	38	108	1423	2	*1
504109	KO18300A50	1. 9/16	61.5	54	38	108	1415	2	*1
504110	KO18300A52	1. 5/8	62.8	54	38	108	1450	2	*1
504111	KO18300A54	1.11/16	65.3	54	38	108	1577	2	*1
504112	KO18300A56	1. 3/4	67.8	54	38	108	1660	2	*1
504113	KO18300A58	1.13/16	69	54	38	108	1680	2	*1
504114	KO18300A60	1. 7/8	71.5	54	67	108	1500	2	*1
504115	KO18300A62	1.15/16	72.8	54	67	108	1570	2	*1
504116	KO18300A64	2	75.3	54	66	108	1605	2	*1
504117	KO18300A66	2. 1/16	76.5	54	65	108	1770	2	*1
504118	KO18300A68	2. 1/8	79	54	64	108	1812	2	*1
504119	KO18300A70	2. 3/16	80.3	54	63	108	1855	2	*1
504120	KO18300A72	2. 1/4	82.8	54	62	108	1916	2	*1
504121	KO18300A74	2. 5/16	84	54	61	108	1987	2	*1
504122	KO18300A76	2. 3/8	86.5	54	60	108	2047	2	*1
504123	KO18300A78	2. 7/16	89	54	59	108	2041	2	*1
504124	KO18300A80	2. 1/2	91.5	54	58	108	2250	2	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B
*2 C-Ring=1802C, Pin/O-Ring=1802A/B

18760 Extension Bars



Item Code	Part No.	D (mm)	L (mm)	(g)	(pce.)	
504225	KO18760175	54	175	1400	1	*1
504226	KO18760200	54	200	1580	1	*1
504227	KO18760250	54	250	1885	1	*1
504228	KO18760330	54	330	2380	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B

18770 Universal Joint

Item Code	Part No.	L (mm)	(g)	(pce.)	
504229	KO18770	127	1210	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B

18866A Reducer No Warranty ⚠

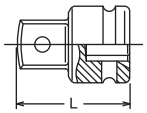
Item Code	Part No.	(sq.)	(sq.)	L (mm)	(g)	(pce.)	
504231	KO18866A	1"	3/4"	65	580	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B

⚠ Adapting down from bigger square drive to smaller square drive may lead to excessive torque load and possibly cause breakage. Always stay within safe torque of the smaller square drive.

1" Impact Sockets & Accessories

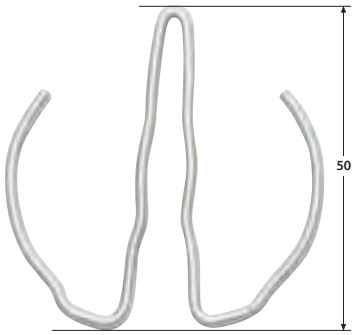
18877A Adaptor



Item Code	Part No.	(sq.)	(sq.)	L (mm)	(g)	(pce.)	
504232^	KO18877A	1"	1.1/2"	80	935	1	*1

*1 C-Ring=1801C, Pin/O-Ring=1801A/B

1801C-10 C-Ring 10 Clips + Puller



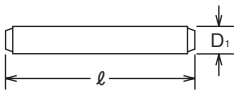
1801C

152

Item Code	Part No.		Opening (mm)	C-Ring 10pcs.	Puller 1pce.
504091	KO1801C-10	1"	≦ 70	1801C + 152	

One Piece solid springs steel ring. Simply set by finger pushing and easily removed by puller. Much more convenient and safer than combination of pin and o-ring.

1801A Spare Pin



Item Code	Part No.		Opening (mm)	D_1 (mm)	ℓ (mm)	(pcs.)
504089^	KO1801A	1"	≦ 70	6	45	100

1801B Spare Ring

Item Code	Part No.		Opening (mm)	D_2 (mm)	D3 (mm)	(pcs.)
504090^	KO1801B	1"	≦ 70	7	45	100

Koken

SUPER

Founded in 1918 and still made in Japan.

Manufacturer of quality Ratcheting Podger Wrenches for use in the rigging and scaffolding markets

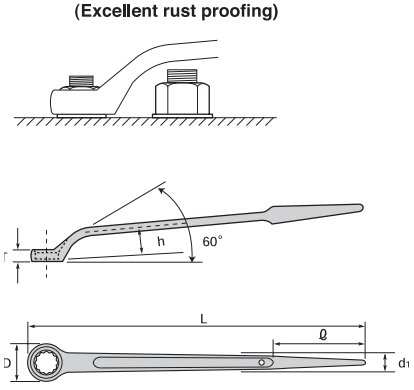
PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
PODGERS				
SCAFFOLDING PODGER				
SRB2124	508211	SCAFFOLDING PODGER 21X23.5MM STUBBY Specifically designed to fit Australian Scaffold Fittings	4967521175913	
OFFSET PODGER RING SPANNERS				
Single offset ring podger wrench 60 degree angle head. Heavy Duty Professional Type				
SRKP19	508229	OFFSET PODGER RING SPANNER 19MM	4967521017923	
SRKP22	508230	OFFSET PODGER RING SPANNER 22MM	4967521017947	
SRKP24	508231	OFFSET PODGER RING SPANNER 24MM	4967521017961	
SRKP27	508232	OFFSET PODGER RING SPANNER 27MM	4967521017985	
SRKP30	508233	OFFSET PODGER RING SPANNER 30MM	4967521017992	
SRKP32	508234	OFFSET PODGER RING SPANNER 32MM	4967521018005	
SRKP36	508235	OFFSET PODGER RING SPANNER 36MM	4967521018029	
SRKP41	508236	OFFSET PODGER RING SPANNER 41MM	4967521018036	
SRKP46	508237	OFFSET PODGER RING SPANNER 46MM	4967521018043	
SRKP50	508238	OFFSET PODGER RING SPANNER 50MM	4967521018050	

◆ Super Tool developed and sold the single offset wrench with 60 degree-slanted necks and handles with spears end in 1957.
Highly regarded for use on construction sites. This wrench was used for antenna installation on Tokyo tower.

KP 13 ～60

- The drop-forged I beam structure of the handle section provides strength and stability.
- The corn shaped spear part is optimal for aligning bolt holes.
- 60 degree-slant and length of the neck part prevents collision with adjacent bolts or angle ribs.
- Optimal for civil engineering, construction, bridging and steel towering.

(Excellent rust proofing)

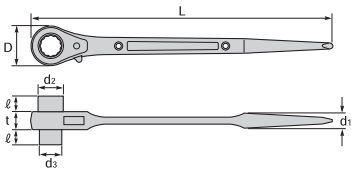


For sizes above 17, a hole for attaching a safety rope is provided

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
RATCHET PODGER WRENCH				
The ratchet wrenches are used for tightening and loosening nuts and bolts and the spear is used to align the position of the bolts holes at work sites such as those on the steel structures, towers and bridge beams. As there is no danger of the socket falling off, the ratchet wrench works well especially in the civil engineering and construction industries where workers are assembling scaffold at heights. The ratchet wrench can be turned clockwise or counter-clockwise. The end of the handle is designed to be spear-like. Wrenches are Cation plated which provides excellent rust proofing properties.				
SRRN1924R	508264	RATCHET PODGER WRENCH 19 x 24MM	4967521025188	
SRRN1012	508253	RATCHET PODGER WRENCH 10 x 12MM	4967521024921	
SRRN1317	508256	RATCHET PODGER WRENCH 13 x 17MM	4967521024990	
SRRN1618	508257	RATCHET PODGER WRENCH 16 X 18MM	4967521174855	
SRRN1719	508258	RATCHET PODGER WRENCH 17 x 19MM	4967521025034	
SRRN1824	508260	RATCHET PODGER WRENCH 18X24MM	4967521253215	
SRRN1921	508262	RATCHET PODGER WRENCH 19 x 21MM	4967521025102	
SRRN2427	508267	RATCHET PODGER WRENCH 24 x 27MM	4967521025249	
SRRN2124	508265	RATCHET PODGER WRENCH 21 X 24MM	4967521167314	
SRRN2224	508266	RATCHET PODGER WRENCH 22 X 24MM	4967521025225	
SRRN2430	508268	RATCHET PODGER WRENCH 24 x 30MM	4967521025263	
SRRN2730	508270	RATCHET PODGER WRENCH 27 x 30MM	4967521025294	
SRRN2732	508271	RATCHET PODGER WRENCH 27 x 32MM	4967521025300	
SRRN3036	508272	RATCHET PODGER WRENCH 30 x 36MM	4967521086943	
SRRN3236	508274	RATCHET PODGER WRENCH 32 x 36MM	4967521025348	
SRRN3641	508275	RATCHET PODGER WRENCH 36 x 41MM	4967521025362	
SRRN4650	508276	RATCHET PODGER WRENCH 46 x 50MM	4967521025386	

Cation paint

(Excellent rust proofing)



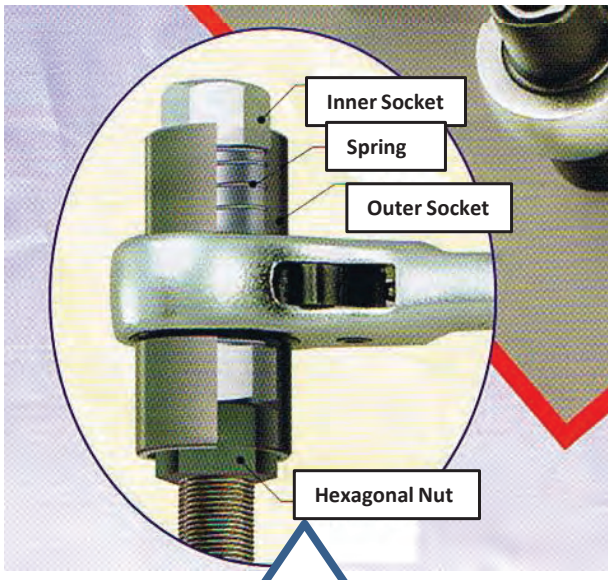
- The opening of the socket for change over of the reversible type enables easy cleaning of sand and dirt, etc.
- 34 sizes of double socket type (Reversible claw type) are available to cover a variety of uses.
- Lubricate before use.

Safety rope holes are provided on sizes 13X19 • 17X19 and above. (17X19, 17X21 and 19X21 have 2 holes)

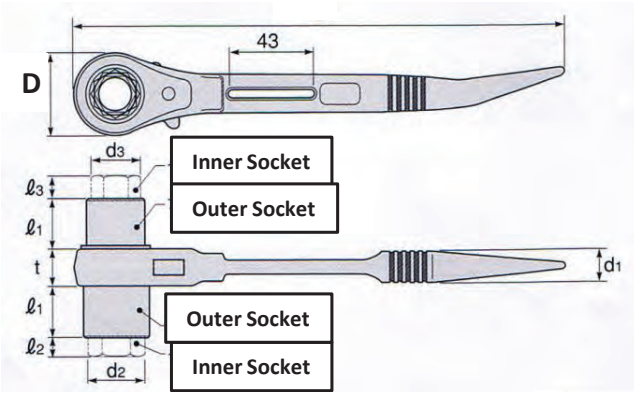
SRRNG1924	508280	RATCHET PODGER 19 x 24MM WITH RUBBER GRIP	4967521024648	
SRRNG2430	508281	RATCHET PODGER 24 X 30MM WITH RUBBER GRIP	4967521024723	

RUBBER GRIPS				
Special oil resistant grip designed for use with podger wrenches.				
SRRG4	508245	RUBBER GRIP #RG-4, SUITS 17x19, 16x18, 19x21mm	4967521022965	
SRRG5	508246	RUBBER GRIP #RG-5, SUITS 21x24, 22x24mm	4967521022996	
SRRG6	508247	RUBBER GRIP #RG-6, SUITS 24x30, 27x30, 27x32 30x36, 32x36mm	4967521023009	
SRRG8	508248	RUBBER GRIP #RG-8, SUITS 36x41, 46x50mm	496752102016	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
STUBBY RATCHET PODGER				
SRF-1	508223	RATCHET PODGER 4-SIZE 10X14, 13X17 STUBBY	4967521297622	
SRF-3	508224	RATCHET PODGER 4-SIZE 17X21, 19X24 STUBBY	4967521297646	



When outer socket is used, inner socket is pushed up easily, and after the use, the inner socket returns to the original position by spring.

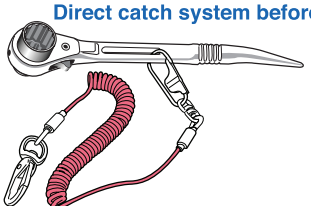


PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
PODGER ACCESSORIES				
RUBBER GRIPS				
Special oil resistant grip designed for use with podger wrenches.				
SRRG4	508245	RUBBER GRIP #RG-4, SUITS 17x19, 16x18, 19x21mm	4967521022965	
SRRG5	508246	RUBBER GRIP #RG-5, SUITS 21x24, 22x24mm	4967521022996	
SRRG6	508247	RUBBER GRIP #RG-6, SUITS 24x30, 27x30, 27x32 30x36, 32x36mm	4967521023009	
SRRG8	508248	RUBBER GRIP #RG-8, SUITS 36x41, 46x50mm	496752102016	
SAFETY ROPE				
SRARK-10K	508208	SAFETY ROPE FOR RATCHET PODGER WRENCHES	4967521297097	
PODGER HOLSTER				
SRRHD7	508252	RATCHET PODGER HOLSTER FOR SCAFFOLDER/RIGGERS	4967521240093	

SAFETY ROPE (To prevent tools from falling at heights)

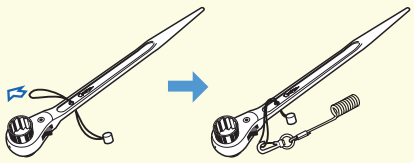
- Controlable in length and flexible coiled rope.
- Applicable for any tool which has safety holes Ex.ratchet wrenches and adjustable angle wrenches.
- Falling loads up to 1kg of weight per tool.

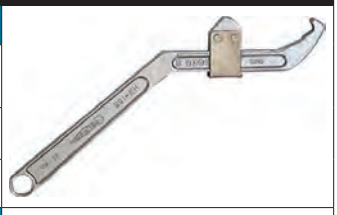
Direct catch system before

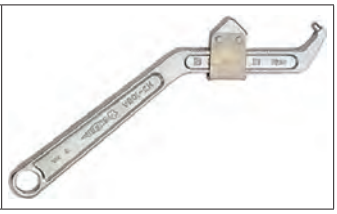


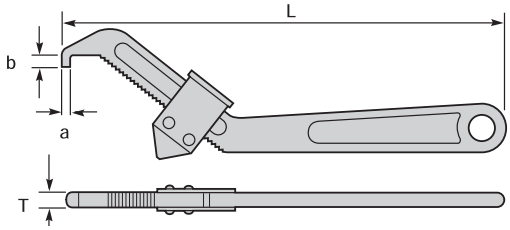
The way to connect

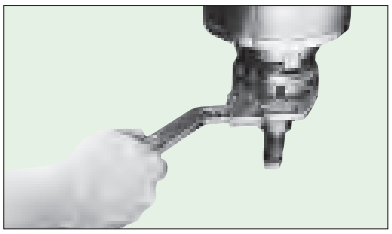
In case of using the connecting wire



PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
HAND TOOLS				
HOOK SPANNERS				
Hook spanner for circular nuts. Designed for tightening and removing notched circular nuts without damage to the nut. Nickel-Chrome plated finish				
SRHW105	508226	HOOK SPANNER ADJUSTABLE 35-105MM	4967521017633	
SRHW165	508228	HOOK SPANNER ADJUSTABLE 95-165MM	4967521017657	
PIN SPANNERS				
SRPW100	508242	PIN SPANNER ADJUSTABLE 18-100MM PITCH Pin spanner for circular nuts. Designed to be hammered at the moving part. Designed for tightening and removing circular nuts with pin holes. Body Nickel-Chrome plated finish, other parts in phosphoric acid manganese film forming treatment. Pin Diameter 5mm x 7mm & Pin Diameter 6mm x 8mm	4967521022712	

SRHW105A	508227	PIN SPANNER 6MM DIAMETER PIN ADJUST 35-105MM Hook spanner for circular nuts. Designed for tightening and removing notched circular nuts without damage to the nut. Nickel-Chrome plated finish	4967521017640	





SRPW100/RKA	508243	SPARE PINS SUITS PW100 "A" (2 PER SET)	4967521022729	
SRPW100/RKB	508244	SPARE PINS SUITS PW100 "B" (2 PER SET)	4967521022736	
RATCHETING ADJUSTABLE WRENCH				
SRMWR30	508240^	RATCHETING ADJUSTABLE WRENCH 200MM X 30MM MAX.	4967521301343	
SRMWR36	508241^	RATCHETING ADJUSTABLE WRENCH 250MM X 36MM MAX.	4967521301350	

SUPER

VBW

QUALITY PLIERS

HARD WEARING

VBW Pliers & Cutters are all made from specially selected high-quality steels and forged in house.

TOUGH

VBW Pliers are hardened in an oil bath and all cutting edges are additionally induction hardened.

PRECISION

VBW Pliers & Cutters have precision jaws and cutting edges.

COMFORTABLE

VBW Pliers & Cutters have handles specially designed to fit firmly in the hand and distribute the force evenly.

SAFETY

VBW Pliers & Cutters are designed to take the "effort" out of work and guarantee safe working. VBW Cutters will cut right to the tips, grip even the finest wires, deal equally efficiently with oily steel sheets and heavy work pieces, all with minimum effort.

Eco-friendly F+F forged and finished in Germany

100% Made in Germany

from the Blank to the Finished Pliers

lifetime warranty

VBW *is a wholly owned subsidiary of* STAHLWILLE®

VBW

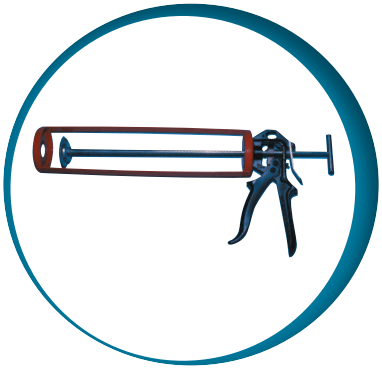
VBW

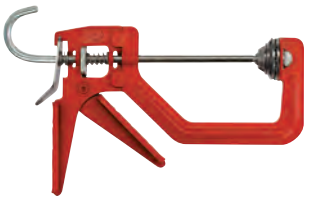
PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
PLIERS				
531 CIRCLIP INNER STRAIGHT				
DIN 5256 Chrome-vanadium, drop forged, oil-hardened, precision non-slip tips. Polished with dip-coated handles				
VB531620	710576	**CIRCLIP PLIER INNER 85-140MM** Length: 320mm DIN Size: C85 Size: J4	4005887523501	
532 CIRCLIP INNER 90° TIP				
DIN 5256 Chrome-vanadium, drop forged, oil-hardened, precision non-slip tips. Polished with dip-coated handles				
VB532125	710581	**CIRCLIP PLIER INNER 85-140MM BENT** Length: 290mm DIN Size: D85 Size: J41	4005887004550	
533 CIRCLIP EXTERNAL STRAIGHT SPRING LOADED				
DIN 5254 Chrome-vanadium, drop forged, oil-hardened, precision non-slip tips. For circlips on shafts etc. Polished with dip-coated handles				
VB533660	710586	**CIRCLIP PLIER OUTER 85-140MM** Length: 325mm DIN Size: A85 Size: A4	4005887524409	
545 COMBINATION PLIER				
DIN ISO 5746 High grade tool steel with excellent cutting force and durability. Induction hardened (app. 64 HRC) precision cutters for all wire types, including piano wire.				
VB545315	710602	**COMBINATION PLIER 200MM SOFT ZONE HANDLES** Hard 48 HRc Max: 2.5mm Piano 59HRc Max: 2.0mm	4005887004765	
VB587225	710650	**SIDE CUTTER PLIER 180MM SOFT ZONE HANDLES** Soft 19 HRc Max: 3.8mm Med 40HRc Max: 3.0mm Hard 48 HRc Max: 2.5mm Piano 59HRc Max: 2.0mm	4005887005915	
588 SIDE CUTTER PLIER - HEAVY DUTY				
DIN ISO 5749 Type A, induction hardened (approx. 64 HRC) precision cutters for all wire types, including piano wire.				
VB588215	710664	**SIDE CUTTER PLIER 200MM H/DUTY SOFT ZONE HANDLES** Soft 19 HRc Max: 4.0mm Med 40HRc Max: 4.0mm Hard 48 HRc Max: 3.0mm Piano 59HRc Max: 2.5mm	4005887005991	
VB588220	710665	**SIDE CUTTER PLIER 250MM H/DUTY SOFT ZONE HANDLES** Soft 19 HRc Max: 4.0mm Med 40HRc Max: 4.0mm Hard 48 HRc Max: 3.5mm Piano 59HRc Max: 3.0mm	4005887006004	
524 SNIPE NOSE PLIER				
DIN ISO 5745 Straight, half-rounded, long tapered serrated jaws with concave grip section for holding nuts and gudgeons (straight pins). Induction hardened (approx 60 HRC) precision cutters for soft and hard wire.				
VB524205	710560	**SNIPE NOSE PLIER 200MM SOFT ZONE HANDLES**	4005887004383	
PLIER SETS				
VB80P	710705	**PLIER SET 3 PIECE - COMB, SIDE, SNIPE** Polished with soft zone handles Contains: 180mm Combination Pliers 160mm Side Cutter 200mm Snipe Nose (long nose) Pliers	4005887010445	
VB777	710688	**PLIER SET 4 PCE - CIRCLIP J2 J21 A2 A21** POLISHED WITH DIP-COATED HANDLES Contains: 180mm Circlip Pliers for internal circlips with straight tip (19-60mm) J2 170mm Circlip Pliers for internal circlips with 90° tip (19-60mm) J21 180mm Circlip Pliers for external circlips with straight tip (19-60mm) A2 170mm Circlip Pliers for external circlips with 90° tip (19-60mm) A21	4005887006714	

SVENIC AUSTRALIA

Svenic Australia offers a comprehensive range of British made quality Sealant and Adhesive Application Equipment.

Svenic is Australasia's leading supplier of dispensing equipment for the application of Sealants, Adhesives and Coatings.



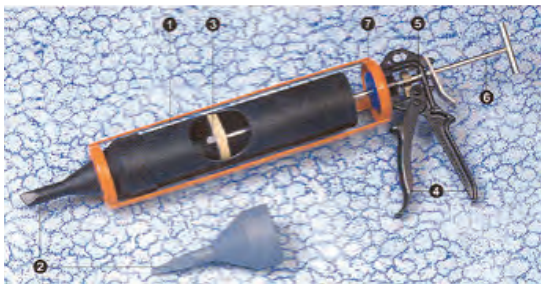
PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
CLAMPS				
SOLO CLAMP				
Powerful, high thrust mechanism, enables jaws to be quickly and securely locked onto the job with just one hand. Quick release of Clamping Force by simply pressing down with thumb on release plate. Strong, lightweight, quality construction ensures reliability. Increased working life due to heat treated moving parts. Proven and simple mechanism ensures trouble free use. Specially designed, grooved metal and nylon jaws clamp most objects, including pipe. All steel frame and trigger mechanism				
SVSC100M	508421	SOLO CLAMP 100MM METAL FEET QUICK ACTION	9313863000119	
SVSC150M	508423	SOLO CLAMP 150MM METAL FEET QUICK ACTION	9313863000133	
SVSC100N	508422	SOLO CLAMP 100MM NYLON FEET QUICK ACTION	9313863000010	
SVSC150N	508424	SOLO CLAMP 150MM NYLON FEET QUICK ACTION	9313863000126	
CAULKING GUNS				
HANDY				
Low cost, quality applicator – a must for the price conscious customer. Powerful, high thrust mechanism dispenses most materials easily. Made from impact and fracture resistant Plastic which does not corrode. Comfortable operation due to lightweight frame and contoured trigger. Cartridge support ring adds strength, holds cartridge in place during operation and when changing cartridge. Suitable for small, medium and large stores Dispenses 300 ml cartridges of silicone, acrylic, timber adhesive, mastic and caulk				
SV600SAE	508376	CAULKING GUN HANDY 215MM BLACK PLASTIC APPLICATOR	9313863016004	
TRADE				
Strong, lightweight, quality steel construction ensures reliability. Superior spot welds prevent the end ring "popping off" under high pressure. Premium epoxy powder coating resists corrosion. Heat treated moving parts, increases working life. Suitable for small, medium and large stores with Handymen, Trade and Professional users. Dispenses 300 ml cartridges of silicone, acrylic, timber adhesive, mastic and caulk				
SV608SAE	508379	CAULKING GUN TRADE 215MM (YELLOW) APPLICATOR	9313863016080	
PRO GUN - 2				
Strong, lightweight, quality construction, ensures reliability. Minimal wasted trigger action and increased working life. Comfortable operation due to smooth, effortless action, contoured trigger and balanced design. Made from impact and fracture resistant, reinforced nylon. Cartridge support ring adds strength, holds cartridge in place during operation and when changing cartridges. Cheap and inferior Copies can result in operator injury and customer dissatisfaction. Hanging hook enhances safety and convenience as applicator can be hung from the ladder, gutter, belt, etc. Dripless function releases pressure from cartridge automatically. Suitable for Medium to Large stores. A must for Tradesmen and Professional customers. Dispenses 300 ml cartridges of silicone, acrylic, timber adhesive, Polyurethane, mastic and caulk				
SV614SAE	508380	CAULKING PRO GUN 2 ORANGE 215MM NYLON - H.DUTY	9313863016141	
PRO GUN - SV616SAE				
Strong, lightweight, metal construction, ensures reliability. Minimal wasted trigger action and increased working life. Comfortable operation due to smooth, effortless action, contoured trigger and balanced design. Premium epoxy powder coating resists corrosion. Cheap and inferior Copies can result in operator injury and customer dissatisfaction. Superior spot welds prevent the end ring "popping off" under high pressure. Hanging hook enhances safety and convenience as applicator can be hung from the ladder, gutter, belt, etc. Dripless function releases pressure from cartridge automatically. Suitable for Medium to Large stores. A must for Tradesmen and Professional customers. Dispenses 300 ml cartridges of silicone, acrylic, timber adhesive, mastic and caulk, Polyurethane and High Viscosity Materials				
SV616SAE	508381	CAULKING PRO GUN ORANGE 215MM SEALANT APPLICATOR	9313863016165	
HEAVY DUTY HV FRAME GUN				
Top of the range, professional quality applicator. Easily dispenses hard or difficult sealants, caulks and adhesives, due to its high mechanical advantage. Especially suited to Polyurethanes. Operator efficiency is enhanced by the effortless trigger action which allows for smooth, full strokes. Balanced design and profiled hand grip provide for Comfortable use by all hand sizes. Superior spot welds prevent the end ring "popping off" under high pressure. Thick, patented catchplate, hardened push rod, and robust construction ensure reliability and increased working life. Suitable for Medium and Large stores with Trade and Professional customers. Dispenses 300 ml cartridges				
SV620SAE	508383	CAULKING GUN HEAVY DUTY 215MM APPLICATOR	9313863016202	
JUMBO SEALANT APPLICATOR				
Top of the range, professional quality applicator. Easily dispenses hard or difficult sealants, caulks and adhesives, due to its high mechanical advantage. Operator efficiency is enhanced by the effortless trigger action which allows for smooth, full strokes. Balanced design and profiled hand grip provide for comfortable use by all hand sizes. Superior spot welds prevent the end ring "popping off" under high pressure. Thick, patented catchplate, hardened push rod, and robust construction ensure reliability and increased working life. Suitable for Medium and Large stores with Trade and Professional Customers. Dispenses 850 ml cartridges				
SV625SAE	508388	CAULKING GUN JUMBO 320MM SEALANT APPLICATOR	9313863016257	

^ = non stocked line

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
BARREL APPLICATORS - HAND OPERATED for SACHETS & CARTRIDGES ONLY				
Barrel Sealant Applicator - Hand operated for Bulk Material only. Easily dispenses any hard or difficult sealants, caulks and adhesives, due to its high mechanical advantage. Operator efficiency is enhanced by the effortless trigger action, which allows for smooth, full strokes. Balanced design and profiled hand grip provide for comfortable use by all hand sizes. Quick release end cap reduces refilling time thus increasing user efficiency. Wearing parts are replaceable. Swivel frame allows for continuous beading without changing the angle of the trigger. Plastic plunger gives a clean sweep within the drawn barrel thus preventing the sachet gathering behind the plunger during operation. Nozzle holder accepts standard nozzles or nozzles made from ¾ inch gas pipe. Thick, patented catchplate, hardened push rod, and robust construction, ensure reliability and increased working life. • Lightweight Aluminium or plastic barrel • operator efficiency is enhanced by the effortless trigger action which allows for smooth full strokes. • Balanced design and profiled hand grip provide for comfortable use by all hand sizes. • Quick release end cap reduces refilling time thus increasing user efficiency. • Wearing parts are replaceable. • Plastic plunger gives a clean sweep within the drawn barrel thus preventing the sachet gathering behind the plunger during operation. • Thick, patented catchplate, hardened push rod, and robust construction, ensure reliability and increased working life.				
SV660SAE	**508390**	**30CM ALUMINIUM BARREL SEALANT GUN with nozzle holder**	9313863021152	
SV676SAE	**508394**	**37CM ALUMINIUM BARREL SEALANT GUN without nozzle holder** • Supplied with 2 opaque cone nozzles • Dispenses 600ml sachets or 300ml cartridges • 12:1 gearing for higher viscosity sealants	9313863023903	
SV678SAE	**508395**	**37CM ALUMINIUM BARREL SEALANT GUN with nozzle holder** • 25:1 gearing for high viscose materials • 600ml, for cartrides or sachets	9313863021299	
SV671SAE	**508393**	**CAULKING GUN BARREL SEALANT 37CM APPLICATOR FOR BULK MATERIAL**	9313863021220	
SV681SAE	**508396**	**CAULKING GUN BARREL SEALANT 45CM APPLICATOR FOR BULK MATERIAL**	9313863021329	
SPARE NOZZLES				
SV076HSAE	**508316**	**OPAQUE PLASTIC NOZZLE FOR BARREL GUNS WITHOUT NOZZLE HOLDERS**		
SV7N1529	**508318**	**GREY PLASTIC NOZZLE FOR BARREL GUNS WITH NOZZLE HOLDERS**		
SV380SAE	**508353**	**PLASTIC NOZZLES FOR BARREL GUNS WITH & WITHOUT NOZZLE HOLDERS (5 ASSORTED NOZZLES)**	9313863019531	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
TUCK POINTING GUN				
Specialist tool for applying pointing mortars and grouts. Developed for repointing brick and masonry joints, the pointing and grouting gun is now supplied with a second nozzle for filling fine joints and tile-grouting. Easy to Use: The Pointing and Grouting Gun is designed for effortless dispensing with a powerful, 12:1 trigger mechanism and ergonomically contoured hand grips. Also, a robust steel and aluminium construction with case hardened drive components provide strength and durability. Simply fill the jointing material into the open end of the barrel and then dispense it through the nozzle. High Quality Joints: Injecting the grout deep into the joint provides a superior finish with reduced possibility of voids. Applying the grout where you want it results in less mess, less waste and much shorter cleaning times. Note: Mortars containing "sharp sand" or coarse aggregates will not flow under pressure. Use only free-flowing or specialty mortars that contain high grade, "soft" sand. Alternatively ask Svenic about our specially designed grouts for the pointing gun. Product features: Barrels made from plastic for inexpensive replacement. Choice of taper fit nozzles - black for pointing and other wide joints; grey for tile grouting and narrow joints. Rubber plunger sandwiched between steel washers is adjustable for optimum fit in barrel. High thrust trigger mechanism with contoured hand grips provide easier dispensing and reduced operator fatigue. Patented Wear Compensating Device eliminates free-play in trigger for 100% working action throughout the life of the gun. Plunger rod and other drive components are case hardened for long life. Projection welded steel frame, finished in tough epoxy paint finish for high strength, durability and corrosion resistance.			
SV685SAE	508400	CAULKING GUN 32CM TUCK POINTING (MORTAR)	9313863021367	
SV2N1030	508363	BLACK PLASTIC NOZZLE FOR SV685SAE TUCK POINTING GUN		
SV2N1042	508366	GREY PLASTIC NOZZLE FOR SV685SAE TUCK POINTING GUN		
SV2B4001	508364	PLASTIC BARREL FOR SV685SAE TUCK POINTING GUN		

POINTING & GROUTING GUN

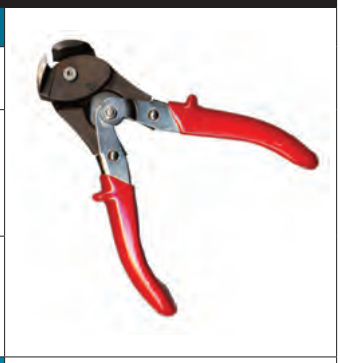


AIR APPLICATOR FOR CARTRIDGES				
Suitable for 300ml cartridges. Dispenses small rigid cartridges only. Standard models dispense 215 mm and 250 mm cartridge lengths. Air acts directly against cartridge plunger. Strong trigger made of lightweight engineering plastic contoured for comfortable operation. Pressure regulator secured below trigger handle, providing zero to maximum pressure control, with a responsive half a turn of the regulator knob. A silencer fitted to the quick exhaust valve provides much quieter operation. Continuous A-weighted sound pressure levels now well below the 70dB mark. Air hose connector rotates and swivels for maximum freedom of movement. Quick release end cap increases user efficiency. 50 mm diameter aluminium barrel. Lightweight barrel and balanced design provides for comfortable operation. Nozzle holder accepts standard nozzles or nozzles from ¾ inch gas pipe.				
SV712SAE	508402	CAULKING CARTRIDGE AIR GUN 215MM APPLICATOR WITH REG.	9313863021435	
AIR APPLICATOR FOR SACHETS (SAUSAGES)				
• Dispense 300mm and 370mm sachets (sausages), eg 400ml and 600ml in volume • Air acts directly against the free floating plunger which is secured by a cord for safety. • Strong trigger made of lightweight engineering plastic contoured for comfortable operation • Pressure regulator secured below trigger handle, providing zero to maximum pressure control, with a responsive half a turn of the regulator knob. • A silencer fitted to the quick exhaust value provides much quieter operation. Continuous A-weighted sound pressure levels now well below the 70dB mark. • Air hose connector rotates and swivels for maximum freedom of movement. • Quick release end cap increases user efficiency. • 50mm diameter aluminium barrel • Lightweight barrel and balanced design provides for comfortable operation. • Can be modified to dispense Pourable materials and Collapsible cartridges. • Nozzle holder accepts standard nozzles or nozzles for 3/4" gas pipe.				
SV742SAE	508408	CAULKING CARTRIDGE AIR GUN 37CM SERIES 2 SACHET	9313863021541	

^ = non stocked line

MAUN INDUSTRIES LTD

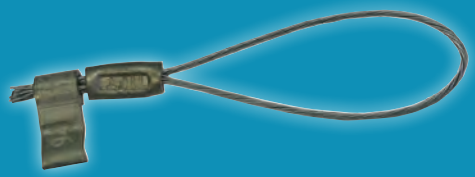
Maun Industries have developed a wide range of pliers for general use as well as a host of specialist applications. Compound lever and parallel action pliers have pressed steel handles and machined jaws. Compound lever pliers have high mechanical advantage and are unsurpassed as wire cutters. The unique feature of parallel action pliers is that the jaws close parallel to each other, making the pliers an ideal starting point for many specialist applications, especially fencing.

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
PLIERS				
END CUTTING				
The compound lever design of the end cutting nipper gives excellent cutting performance with low handle load. This is ideal for the repetitive cutting operations encountered in spring and bedding production.				
MA3010/150	506012	**END CUTTING 150MM NIPPER, Plain Handle**	5018695000491	
MA3015/150	506013	**END CUTTING 150MM NIPPER** PVC hand grips	5018695000637	
PARALLEL				
MA4866/160	506018^	**PARALLEL PLIER 160MM KNURLED JAWS PVC GRIP** Flat nose parallel action plier, knurled jaws and wire groove. PVC grips	5018695001160	
MA4870/125	506019	**PARALLEL PLIER 125MM SMOOTH JAWS** Flat nose parallel action pliers, sealed handles, smooth jaws	5018695000545	
MA4870/140	506020	**PARALLEL PLIER 140MM SMOOTH JAWS** Flat nose parallel action pliers, sealed handles, smooth jaws	5018695000842	
MA4870/160	506021	**PARALLEL PLIER 160MM SMOOTH JAWS** Flat nose parallel action pliers, sealed handles, smooth jaws	5018695000859	
MA4871/140	506022	**PARALLEL PLIER 140MM SMOOTH JAWS SPRING RETURN** Flat nose parallel action pliers, sealed spring return handles, smooth jaws	5018695000866	
MA4951/140	506024^	**PARALLEL ACTION PLIER 140MM WITH SIDE CUTTER PLAIN HANDLE** Side cutting plier spring return handles, also with knurled parallel action plier jaws and wire groove. Cuts up to 1.6mm hard wire, 2.0mm soft wire.	5018695000552	
MA4951/160	506025	**PARALLEL ACTION PLIER 160MM WITH SIDE CUTTER PLAIN HANDLE** Side cutting plier spring return handles, also with knurled parallel action plier jaws and wire groove. Cuts up to 1.6mm hard wire, 2.0mm soft wire.	5018695000446	
MA4950/200	506023	**PARALLEL ACTION PLIER 200MM WITH SIDE CUTTER PLAIN HANDLE** side cutting plier, also with knurled parallel action plier jaws and wire groove with PVC grip. Cuts up to 1.6mm hard wire, 2.0mm soft wire.	5018695000514	
MA4960/200	506027	**PARALLEL ACTION PLIER 200MM W/SIDE CUTTER PVC HANDLE** Side cutting plier, also with knurled parallel action plier jaws and wire groove. Cuts up to 1.6mm hard wire, 2.0mm soft wire. **Ideal for Fencing**	5018695000408	
DIAGONAL				
MA2990/160	506009	**DIAGONAL CUTTING PLIER 160MM PLAIN HANDLE** Side cutting pliers, with spring return plain handle. Cuts up to 2mm hard wire.	5018695000576	
REVOLVING PUNCH				
MA2230/200	506005	**REVOLVING PUNCH PLIER 200MM(2.0-4.8MM) LEATHER** Punches holes 2.0, 2.4, 2.8, 3.2, 4.0 & 4.8mm. Plated, plain grip.	5018695000415	
MA2233-200	506006	**REVOLVING PUNCH PLIER 200MM LEVER ASSIST** Lever assisted revolving punch plier. Punches holes 2.0, 2.4, 2.8, 3.2, 4.0 & 4.8mm. Plated, P.V.C. handle.	5018695001429	

^ = non stocked line

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
WAD PUNCHES				
WAD PUNCH KITS				
These Kits comprise of a single handle onto which screw a series of nine interchangeable punches. The Handle and punches are fully heat treated and chemically blacked. The handle should be struck with a hammer or mallet onto a wooden block. The spring loaded plunger in the handle enables holes to be accurately centred and serves to eject the slug.				
MA1000/05	505987	**WAD PUNCH KIT 10-PCS METRIC (5 - 32MM)** Contains: 5, 6, 8, 10, 12.5, 16, 20, 25 and 32mm sizes	5018695000323	
MA1001/05	505990	**WAD PUNCH KIT 10-PCS IMPERIAL (1/4 - 1")** Contains: 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4, 7/8 and 1" sizes	5018695000668	
WAD PUNCH REPLACEMENTS				
MA1000/005	505978	WAD PUNCH REPLACEMENT CUTTER 5MM	9313540108039	
MA1000/006	505979	WAD PUNCH REPLACEMENT CUTTER 6MM (1/4")	9313540108046	
MA1000/008	505980	WAD PUNCH REPLACEMENT CUTTER 8MM (5/16")	9313540108053	
MA1000/010	505981	WAD PUNCH REPLACEMENT CUTTER 10MM	9313540108060	
MA1001/438	505993	WAD PUNCH REPLACEMENT CUTTER 7/16"	9313540108145	
MA1000/125	505989	WAD PUNCH REPLACEMENT CUTTER 12.5MM	9313540108121	
MA1000/016	505982	WAD PUNCH REPLACEMENT CUTTER 16MM (5/8")	9313540108077	
MA1001/750	505995	WAD PUNCH REPLACEMENT CUTTER 3/4"	9313540108152	
MA1000/020	505983	WAD PUNCH REPLACEMENT CUTTER 20MM	9313540108084	
MA1001/875	505996	WAD PUNCH REPLACEMENT CUTTER 7/8"	9313540108169	
MA1000/025	505984	WAD PUNCH REPLACEMENT CUTTER 25MM (1")	9313540108091	
MA1000/032	505985	WAD PUNCH REPLACEMENT CUTTER 32MM	9313540108107	
MA1000/04	505986	WAD PUNCH ASSEMBLY HANDLE & CENTRE PUNCH	9313540108114	
RULES				
MA1774	506003	RULE 300MM SAFETY, NICKEL PLATED	9313540108190	
MA1700/500	506001	STEEL STRAIGHT EDGE 500MM	9313540108183	
MA1700/001	506000	STEEL STRAIGHT EDGE 1000MM	9313540108176	

Maun Sealing Range



SPECIALTY HAND TOOLS

General Tools are known as the leader in innovative specialty hand tools.

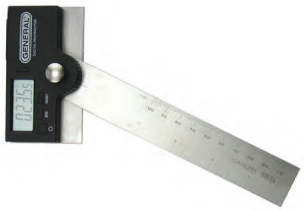
General Tools manufacture quality hand tools that deliver outstanding value to millions of satisfied customers throughout the world.

General Tools has come to be respected for a broadly diversified line of hand tools in plumbing, woodworking, metalworking and machinist trades.

WARRANTY:
Product is guaranteed against defective workmanship or material.

TERMS AND CONDITIONS
Our warranty commences from the date of purchase and is not transferable. The warranty only covers the original owner, purchaser or end user and is subject to the Trade Practices Act and Goods and Consumer Protection legislation of the various states. Proof of purchase along with appropriate documentations is required before consideration under warranty is given

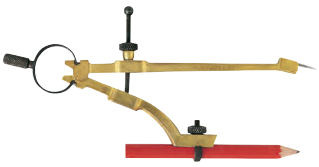
PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
BUILDERS TOOLS / WOODWORKING				
CIRCLE CUTTERS				
GEN4	703124	**CIRCLE CUTTER 7/8 - 4" DIA. ECONOMY** Capacity: 22-100mm (7/8" - 4" diameter) Shank: 3/8" Round Replaceable high speed steel cutting blade and 1/4" pilot drill For use with drill press only. Maximum safe speed is 500 RPM All adjustments are made with the included hex wrench	038728210036	
GEN55	703130	**CIRCLE CUTTER 1 3/4 - 7 7/8" DIA. HEAVY DUTY** Capacity: 1 3/4" - 7 7/8" diameter Shank: 1/2" Round Replaceable high speed steel blade and 1/4" pilot drill For use with drill press only. Maximum safe speed is 500 RPM All adjustments are made with the included hex wrench Markings on beam for easy measurement	038728210128	
WASHER & GASKET CUTTERS				
GEN11	703085	**WASHER & GASKET CUTTER 5/8 - 6 1/2" DIA.** Capacity: 16-165mm (5/8" - 6 1/2" diameter) Combination round and square shank permits use with bit brace or hand drill. Suitable for washers and gaskets in leather, rubber, cork, graphite, fibre, copper and other soft materials. Graduated beam to adjust to required diameters. Replaceable cutter blades two independently adjustable cutter blades cut inside and outside diameters simultaneously.	038728210241	
DRILL GRINDING ATTACHMENT				
GEN825	703169	**DRILL GRINDING ATTACHMENT (3-19MM CAPACITY)** Engineered to permit sharpening of drill bits to factory accuracy. Extends the life of drill bits. Angle adjustments lock in to grind drill bits for more accurate drilling in a variety of materials. Automatically adjusts to give correct clearance angle. Capacity: 1/8" - 3/4", 3mm-19mm	038728240705	
MEASURING / PRECISION				
RULERS				
GEN300MM	703120	**RULE 150MM STAINLESS STEEL METRIC** 150mm flex, width 12mm, Grad: mm, 0.5mm	038728320414	
PROTRACTORS				
GEN16ME	703108	**MULTI RULE GAUGE STAINLESS STEEL** Stainless steel, Grad: 64th & mm	038728220158	
GEN17	703109	**PROTRACTOR SQUARE HEAD STEEL** General's heavy duty steel protractors are trusted by machinists and draftsmen worldwide to deliver crucial measurements with unwavering accuracy. The 6" adjustable arm is ideal for setting bevels, taking measurements and transferring angles. Ultra fine etched graduations read from 0 to 180° in forward and reverse directions, and will not wear or rub off. Made of ground stainless steel for precision and durability.	038728220189	
GEN18	703112	**PROTRACTOR ROUND HEAD STEEL**	038728220240	

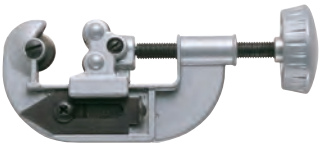
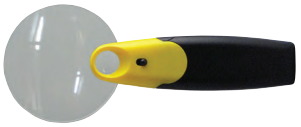
PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
GEN29	703116	**PROTRACTOR OUTSIDE, INSIDE, SLOPED ANGLE** Protractor/angle finder to measure and mark the degrees of an angle on outside, inside and sloped angles. Fine black graduations from 0° to 165° in opposite directions.	038728221483	
GEN822	800485	**PRO-ANGLE DIGITAL ANGLE RULE 5"** These new angle finders combine the ruggedness of analogue rulers (standard and metric) together with the digital technology needed for complete accuracy when measuring inside, outside and reverse angles. Precise measurements prevent waste by facilitating exact mitre cuts. One button activates the reverse angle function, a hold button digitally saves the measurement and the large ergonomic locking knob saves the angle manually. A large LCD readout makes measurements extremely easy to read while an innovative centre check notch enables exact ruler placement marking. The 822 (Patent Pending) is ideal for framing, custom furniture-building, stair and patio construction, flooring, tiling basically all woodworking, carpentry and contractor needs in the shop or in the field. Features & Benefits • Digital stainless steel angle rules make precise measurements for easy woodworking. • Calculates interior (inside) and exterior(outside) angles easily and accurately in seconds. • Measures both Metric and Imperial • Lock and reverse angle features for all types of work. • Large easy to read LCD display. • Hinge mechanism allows a full 360 degrees to measure inside/ outside and reverse angles. • Can be zeroed at any point in the swing • Power Source:1 CR2032 3V Lithium battery (included)	038728008220	
GEN1702	703111	**PROTRACTOR 6" DIGITAL** 6" (150mm) Stainless Steel digital protractor. Accuracy: 0.1° Resolution: 0.05° Range: 0.00° to 180.00° Hold function. Includes 1 X CR2023 (3V) Battery (Packaged: Blister)	038728260086	
GEN828	800484	**DIGITAL T BEVEL 0-360 DEGREES** The new Model 828 (Patent Pending) offers pioneering technology that takes the guesswork out of angle duplication and eliminates the problems associated with analogue readings and manual measurement transfer. Designed in-house by Generals engineering team, this is the first and only digital T-bevel on the market. It is ideal for measuring, storing and transferring inside and outside angles when building cabinetry, furniture and picture frames; installing tile and more. This highly accurate tool offers easy-to-read measurements via a large LCD display and integrates an 8" stainless steel blade with a steel locking knob. Practical function buttons make it ultra-convenient for setting and transferring measurements instantly. Features & Benefits • Tools in 1 - Digital Sliding T-Bevel and Protractor • Large digital angle readout • Holds measurement for transfers • Reverse Display button, Flip Display button, Locking Knob for manual measurement transfer function control button • Auto Shut off feature • 8" Stainless Steel blade • Impact resistant ABS handle • Full LCD Display • Measures and transfers angles, Range: 0-360, Resolution: .05, Accuracy: 0.3 • Voltage: DC 2.5V-3.2V Power Source:1 CR2032 3V Lithium battery (included)	038728082800	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
CENTRE PUNCH				
GEN77	703156	**CENTRE PUNCH 127MM AUTOMATIC ALUMINIUM** Unique ball bearing action, lightweight body Long wearing alloy steel parts. Body diameter 16mm (5/8"). O/A Length 127mm (5")	038728310620	
GEN87	703176	**CENTRE PUNCH AUTOMATIC POCKET SIZED** Pencil-sized Pocket Centre Punch (Packaged: Carded)	038728311085	
DIVIDER				
GEN450-6	703125	**FLAT LEG DIVIDER 159MM MAX MEASURING WIDTH** Max measuring width 159mm Legs are forged of special caliper steel Hardened and tempered bow springs Hardened points	038728316011	
CALIPERS				
GEN454-6	703127	**INSIDE CALIPER 165MM MAX MEASURING WIDTH** Max measuring width 165mm Legs are forged of special caliper steel Hardened and tempered bow springs Hardened points	038728316394	
GEN452-6	703126	**OUTSIDE CALIPER 160MM MAX MEASURING WIDTH** Max measuring width 160mm Legs are forged of special caliper steel Hardened and tempered bow springs Hardened points	038728316189	
DIGITAL FRACTIONAL CALIPERS				
GEN146	703095	**DIGITAL FRACTIONAL CALIPER 0-150MM CARBON FIBRE** Three universal measurement systems Inches, mm and fractions Accuracy to 0.2 mm (0.08") Lightweight, carbon fibre Inside, outside, step and depth measurements Resolution: 0.0005", 1/64" Extendable depth gauge Auto off feature Replacement Battery - LR44 High-contrast, tri-mode digital display Resolution: 0.01mm, 0.0005", 1/64" (Packaged: Plastic Box)	038728014603	
GEN1478C	703100	**DIGITAL FRACTIONAL CALIPER 0-200MM** Inches, mm and fractions Accuracy to 0.03 mm (0.0012") Rugged stainless steel design Inside, outside, step and depth measurements Resolution: 0.01mm, 0.0005" 1/64" Extendable depth gauge Auto off feature Replacement Battery - LR44 Calibration certificate included (Packaged: Plastic Box)	8901486160016	
GEN147C	703101	**DIGITAL FRACTIONAL CALIPER 0-150MM** Inches, mm and fractions Accuracy to 0.02 mm (0.001") Rugged stainless steel design Inside, outside, step and depth measurements Resolution: 0.01mm, 0.0005" 1/64" Extendable depth gauge Auto off feature Replacement Battery - LR44 Calibration certificate included (Packaged: Plastic Box)	8901486160009	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
VERNIER CALIPERS				
GENMG6001C	703194	**VERNIER CALIPER 0-150MM RESOLUTION 0.02MM** Vernier scale etched with permanent black graduations Extendable depth gauge Resolution: 0.02mm (0.001") Accuracy: +/-0.02mm (+/-0.001") (Packaged: Plastic Box)	8901486160405	
GENMG8001C	703195	**VERNIER CALIPER 0-200MM RESOLUTION 0.02MM** Vernier scale etched with permanent black graduations Extendable depth gauge Resolution: 0.02mm (0.001") Accuracy: +/-0.03mm (+/-0.0012") (Packaged: Plastic Box)	8901486160412	
DIAL CALIPERS				
GENMGDC150C	703196	**DIAL CALIPER 0-150MM RESOLUTION 0.02MM** Hardened stainless steel with deep etched graduations Large, clear dial gauge Resolution: 0.02 mm Accuracy: +/-0.02mm Inside, outside , depth & step measurements Adjustable bezel for zero setting Calibration certificate (Packaged: Plastic Box)	8901486160603	
GENMGDC200C	703197	**DIAL CALIPER 0-200MM RESOLUTION 0.02MM** Hardened stainless steel with deep etched graduations Large, clear dial gauge Resolution: 0.02 mm Accuracy: +/-0.03mm Inside, outside , depth & step measurements Adjustable bezel for zero setting Calibration certificate (Packaged: Plastic Box)	8901486160610	
SLIDE CALIPER				
GEN729ME	703148	**SLIDE CALIPER 102MM 4" CAPACITY** Caliper with inside and outside readings 1 mm & 16ths Graduations 102mm (4") capacity (Packaged: Carded)	038728425942	
MICROMETERS				
GENMG1001MMC	703187	**EXTERNAL MICROMETER 0-25MM** Forged steel frame eliminates flexing Reads to 0.01mm. Accurate to 0.004mm Positive spindle lock holds measurement Quick and easy zero adjustment with spanner wrench (included) (Packaged: Plastic Box)	8901486161006	
GENMG1002MMC	703188	**EXTERNAL MICROMETER 25-50MM** Forged steel frame eliminates flexing Reads to 0.01mm. Accurate to 0.004mm Positive spindle lock holds measurement Quick and easy zero adjustment with spanner wrench (included) Supplied with master (Packaged: Plastic Box)	8901486161013	
SCRIBERS				
GEN80	703159	**SCRIBER FIXED 2 POINT 215MM** Straight Point and 90° Bent	038728310903	
GEN88CM	703177	**SCRIBER TUNGSTEN CARBIDE TIP W/ MAGNET** 138mm Screw chuck for reversing point when not in use Pocket clip (Packaged: Carded)	038728311160	
GEN88P	703178	**SCRIBER SPARE TIP SUITS GEN88CM** Suits GEN88CM	038728311146	
ANGLE-IZER				
GEN836	703171	**ANGLE-IZER** Ultimate template tool that forms into the shape required Use for bricks, tiles, timber etc Includes Free instructional CD	038728083609	

GENERAL®

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
CONTOUR GAUGE				
GEN837	703172	**CONTOUR GAUGE 152X89MM** Stainless steel pins 152mm X 89mm Ultra thin 35 leaves per inch Overall travel 5-1/4"	038728241160	
COMPASS				
GEN842	703173	**PENCIL COMPASS 229MM DIAMETER SPRING LOADED** Spring tension adjustment for 229mm diameters (Packaged: Blister)	038728241269	
SCREWDRIVERS				
GEN500	703129	**SCREWDRIVER PRECISION SET POWERED WITH 6 X 3MM BITS** 100+ RPM with Forward & Reverse action Quick change chuck Includes Six 1/8" (3 mm) precision bits (Packaged: Blister)	038728021328	
GEN1700	703110	**SCREWDRIVER SET LIGHTED WITH 3 REV. BLADES** Includes Hard Bit Organizer with 3 Reversible Blades Push ON/OFF Powerful LED light Includes 3 X LR44 Batteries (Packaged: Blister)	038728260024	
GEN751016	703151	**SCREWDRIVER TECHNICIANS SET WITH 8 DOUBLE ENDED BLADES** Eight double-ended screwdriver blades provide viable solutions for most fasteners and are easily stored beneath the handle cap (Packaged: Carded)	038728751065	
GEN80075	703161	**SCREWDRIVER OFFSET SET 9 PIECE RATCHET** Includes 8 alloy steel bits 1/4" & 3/16" Slotted bits No.1 & No.2 Phillips Bits T15 & T20 Torx 1/8" & 5/32" Hex (Packaged: Carded)	038728800756	
GEN807SX	703165	**SCREWDRIVER OFFSET RATCHET WITH SLOT & PHILLIPS** With 6mm straight & No 2 cross point blades	038728426673	
GEN86014	703175	**14 PIECE SAW DRIVER SET** Comfortable handle locks in both straight and pistol-grip positions. Includes: • 3 reciprocating saw blades (drywall, metal and wood). • 7 insert bits • 1/4" socket adapter 4" magnetic bit holder Dual position locking handle Travel holster with belt clip Popular 4-in-1 tool offers a variety of options: Jab Saw - Straight handle position with sheet rock saw blade Keyhole Saw - Pistol grip handle position and reciprocating saw blades Power Driver - Pistol grip handle position with insert bit adapter Speed Driver - Straight handle position with insert bit adapter Swivel locking chuck holds all reciprocating blades and speed shank power bits Removable handle cap with storage for seven insert bits Entire set fits into travel holster	038728860149	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
PLUMBING				
TUBE CUTTERS				
GEN120	703087	**TUBING CUTTER WITH ROLLERS 3-29MM CAPACITY STANDARD** Standard - Rollers allow tubing to be cut close to the flared end. Hardened steel reamer slides & locks in place. Replacement cutting wheels available Cutting Capacity: 3mm - 29mm	038728120038	
GEN125	703088	**TUBING CUTTER WITH ROLLERS 6-38MM CAPACITY HEAVY DUTY** Heavy Duty - Largest capacity cast frame cutter. Twin hardened flare groove rollers Double retractable tool steel reamer Replaceable cutting wheels available Capacity: 6mm - 38mm	038728120151	
FLARING TOOLS				
GEN151	703102	**FLARING TOOL 3/16 - 5/8" CAST IRON YOLK** Cast iron yolk 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8"	038728140081	
INSPECTION TOOLS				
MAGNIFYING GLASSES				
GEN800543	703160	**MAGNIFYING GLASS LIGHTED LED 90MM DIAMETER 3X** 90mm diameter LED Light 3X Magnification with 6X Inset lens 2 - AA Batteries (included) (Packaged: Blister)	038728260017	
GEN700540	703138	**MAGNIFYING GLASS 50MM DIAMETER 1.6X** Polished optical glass with metal frame. Non slip cushion grip Diameter: 50mm, Power: 1.6X, Focal Length 150mm (Packaged: Carded)	038728005403	
GEN750542	703149	**MAGNIFYING GLASS 75MM DIAMETER 1.6X** Polished optical glass with metal frame. Non slip cushion grip Diameter: 75mm, Power: 1.6X, Focal Length 150mm (Packaged: Carded)	038728505422	
GEN750544	703150	**MAGNIFYING GLASS 100MM DIAMETER 1.6X** Polished optical glass with metal frame. Non slip cushion grip Diameter: 100mm, Power: 1.25X, Focal Length 200mm (Packaged: Carded)	038728505446	
MAGNIFYING BINOCULAR				
GEN950-5	703179	**MAGNIFIER BINOCULAR 2.25X** Leaves hands free to work Ground & polished optical lenses Eliminate eye strain Magnification: 2.25 Focal Length: 200mm	038728437341	
REVOLVING PUNCH				
GEN72	800481	**REVOLVING PUNCH PLIER 2MM-4.5MM** The Revolving Punch Pliers are ideal for making minuscule punch holes that would not be practical with a single-style punch. The revolving turret offers six distinct punch sizes for use on leather, rubber, plastic and similar materials. Features & Benefits A convenient spring tension, self-opening tool for punching round holes in leather, plastic, rubber, canvas, cardboard and similar materials Made of plated steel with six tapered and hollow, hardened steel punches Punch sizes: 5/64", 3/32", 7/64", 1/8", 5/32",3/16" (2.0, 2.5, 3.0, 3.5, 4.0, 4,5)	681035015841	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
INSPECTION MIRRORS				
GEN709555	703144	**INSPECTION MIRROR 38MM** Overall length: 203mm Mirror Diameter: 38mm	038728709554	
GEN759570	703153	**INSPECTION MIRROR TELESCOPING** Rectangular mirror that resists scratching & shattering High strength corrosion resistant stainless steel wand telescopes from 9-1/4" to 30" (235 mm–762 mm)	038728759504	
GEN80560	703162	**INSPECTION MIRROR TELESCOPING, LIGHTED** Fully polished 2" x 3" (50 mm x 75 mm) glass mirror is shatter-resistant 360º Swivel double ball joint 2 Extra bright LED lights Telescoping Shaft: 8 to 33 in. (205 to 840mm) (Packaged: Blister)	038728021465	
GEN557	703133	**INSPECTION MIRROR 56MM TELESCOPING** 262mm Length extends to 375mm	038728424686	
AIRFLOW METER				
GENDAF3010B	703180	**AIR FLOW METER, DIGITAL DISPLAY** Measure & monitor airflow efficiency in A/C & ventilation systems & for outdoor use Measures current, average, or maximum wind speed Wind chill indication LCD display with backlit for easy reading Selectable air speed units of Ft/min, m/s, km/hr, MPH & Knots Selectable °C / °F Battery status indication (Battery included 1 x CR2032) (Packaged: Blister)	681035014042	
MOISTURE METER				
GENMMD4E	703198	**MOISTURE METER, DIGITAL DISPLAY** Accurately measure moisture content in wood, concrete, drywall, subflooring etc Strong stainless steel pins LCD moisture level indicator Audible alarms with 8 different tone levels Range: Wood 5% - 50%, Building Material 1.5% - 33% Resolution: 0.1%, Accuracy +/- 3% Built-in low battery indication Hold button to freeze/hold reading (Packaged: Blister)	681035414477	
INFRARED THERMOMETER				
GENIRT207	703186	**INFRARED THERMOMETER, DIGITAL DISPLAY** Rugged and ergonomic design Backlit LCD display Switchable On/Off Laser sighting Selectable °C / °F Auto off CE, RoHS, WEEE approved Distance to Spot (DS) ratio: 8:1 Range: -4º to 604°F (-20º to 317°C) Emissivity: Fixed at 0.95 Resolution: 0.5°F / 0.5°C Accuracy: ±2% Operating temperature: 0°C to 50°C Power Source: 1 X 9V battery (included) (Packaged: Blister)	681035014035	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
DIGITAL MULTIMETER				
GENDMM830HS	800482	**DIGITAL MULTIMETER WITH LED AND CONTINUITY BEEPER** Measures AC/DC voltage, DC current resistance, continuity, diode integrity, transistor (current gain) 20 ranges 3-1/2-digit LCD Red LED identifies hot side lead Continuity Beeper with Red Lead Ground disconnect check circuit Specifications : AC Voltage: 220V , 750V (2 Ranges) DC Voltage: 2V to 1000V (4 Ranges) DC Current: 200uA to 10A (5 Ranges) Resistance: 200Ω to 2MΩ (5 Ranges) Power Source: 1 "9V" battery (included) Test leads Transistor hFE: NPN, PNP (2 Ranges) Diode Test	681035501009	
COMBUSTIBLE GAS DETECTOR				
GENPNG2000A	703201	**COMBUSTIBLE GAS DETECTOR PEN** Check gas leaks in plumbing & appliances Easy to operate High Sensitivity Audible & visual alarms Response time: < 5s Alarm level: >65dB Includes 2 x AA Batteries & Wrist Strap (Packaged: Blister)	681035415016	
THERMO-HYGROMETER				
GENPTH8707	703202	**THERMO-HYGROMETER PEN DIGITAL DISPLAY** Measure temperature & humidity °C / °F selectable Min / Max feature Pocket clip Humidity Range: 20% to 100% RH Temperature Range: 0°C to 50°C (Packaged: Blister)	681035014028	
VIDEO BORESCOPES				
GENDCS300	703182	**VIDEO BORESCOPE 3.5" SCREEN 12MM DIA CAMERA** (89 mm) screen 12 mm diameter camera-tipped flexible probe Built-in adjustable LED lighting Flexible water, oil, & dust resistant (IP67) probe Colour LCD screen Includes Case, 1 mtr probe, Extension tools: Mirror, Magnet, Pick Up, Hook Battery Included (9V) (Packaged: Display Box)	681035013731	
GENDCS400	703183	**WIRELESS VIDEO BORESCOPE 3.5" SCREEN 12MM DIA CAMERA** 3.5" (89 mm) colour LCD screen can be detached for remote viewing up to 10M away 12 mm diameter camera-tipped flexible probe Built-in adjustable LED lighting Flexible water, oil, & dust resistant (IP67) probe View live & records still photos (JPEG) & video (AVI) up to 3 hours PAL or NTSC compatible 3 Menu languages: English, French, Spanish Includes Case, 1 mtr probe, 2GB Mirco SD Memory Card, USB Cable, A/V out cable, Rechargeable battery & AC charger, Twin charging cable, Extension tools: Mirror, Magnet, Pick Up Hook (Packaged: Display Box)	681035013717	
SPECIALTY TOOLS				
KNIFE SET				
GEN75622	703152	**KNIFE SET 22 PIECE PRECISION BLADES** Includes 2 Multi blade handles 22 blades (8 varied shapes)	038728756220	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
PICK-UPS				
GEN759582	703154	**PICKUP TOOL LIGHTED MAGNETIC TELESCOPIC** Telescoping wand extends from 7-3/4" (197 mm) to 28-3/4" (730 mm) Double ball joint neck allows limitless angle adjustments Includes 4 Alkaline LR41 batteries (Packaged: Blister)	038728759672	
GEN70396	703139	**PICKUP TOOL LIGHTED MECHANICAL** Illuminated Mechanical Pick Up 508mm Flexible shaft Strong retrieval claw for objects up to 25mm (Packaged: Blister)	038728260031	
TWEEZERS				
GEN70401	703140	**LIGHTED TWEEZER 159MM SMOOTH POINTED** 3 LR41 Batteries (Packaged: Blister)	038728260048	
GEN70403	703141	**LIGHTED TWEEZER 159MM SERRATED BLUNT** 3 LR41 Batteries (Packaged: Blister)	038728260055	
GEN70408	703142	**LIGHTED TWEEZER 159MM SERRATED BENT** 3 LR41 Batteries (Packaged: Blister)	038728260062	
FILES				
GEN707476	703143	**NEEDLE FILE SET 6 FILES WITH HOLDER** Set includes 6 different files Triangular, Mill, Round, Square, Warding, Half Round	038728707468	
ENGRAVER				
GEN505	800483	**CORDLESS ENGRAVER DIAMOND TIP BIT - CARDED** This new and exciting tool enables precision cordless engraving anywhere by anyone from professional technicians and mechanics to homeowners and DIYers. Users can protect all types of valuables with identifying markings and even perform delicate personalization of items. Designed in-house by General's engineering team (Patent Pending), the engravers powerful 20,000 RPM motor is powered by just two AAA batteries and enables engraving in glass, metal, ceramic and plastic. An aluminium body offers superior durability and the one-of-a-kind tri-lobe ergonomic grip provides the ultimate in comfort and ease-of-use. Features & Benefits Diamond Tip Bit; Precision cordless engraving anywhere; Use on metal, plastic, ceramic or glass surfaces; Protects all types of valuables; Uses standard 3/32" engraving bit; Aluminium body 20,000 RPM motor; 2 AAA batteries (included)	038728021397	
PROBE SET				
GEN60004	703137	**PROBE SET 4 PCE STRAIGHT, HOOK, 2X BEND** Straight, 180° Hook, 35° Bend, 90° Bend (Packaged: Carded)	038728600042	

PAULCALL

Australian manufactured range of quality spring clamps, G-Clamps, Gluing Clamp and Brass Drift Punches.

Paulcall Spring Clamps are regarded by Industrial and Trade users as having the strongest spring tension of any spring clamp available in our market and therefore superior to most imported products.

PAULCALL

PART NO.	ITEM	DESCRIPTION			BARCODE	IMAGE
CLAMPS						
G CLAMPS						
Malleable, rustproof, virtually unbreakable						
		Malleable	Opening	Throat		
JFP04	503505	G CLAMP #P04 1 1/4"	1 1/4" (32mm)	3/4" (19mm)	9314697000030	
JFP05	503506	G CLAMP #P05 2"	2" (52mm)	1" (26mm)	9314697000047	
JFP03	503504	G CLAMP #P03 3"	3" (75mm)	2" (52mm)	9314697000023	
JFP08	503507	G CLAMP #P08 4"	4" (100mm)	2 1/2" (63mm)	9314697000054	
JFP014	503502	Deep Throat Clamp 3" X 4 1/2"	3" (75mm)	4 1/2" (115mm)	9314697000078	
GLUING CLAMP						
JFP010	503497	GLUING CLAMP #P010 Used with 3/4" threaded water pipe of any length.			9314697000085	
SPRING CLAMPS						
Rustproof extra strong springs						
Part No.		Description	Opening	Length		
JF27/1	503472	SPRING CLAMP 25MM/1"	1" (26mm)	4" (100mm)	9314697000092	
JF27/2	503473	SPRING CLAMP 50MM/2"	2" (52mm)	6" (150mm)	9314697000008	
JF27/3	503474	SPRING CLAMP 75MM/3"	3' (76mm)	9" (230mm)	9314697000115	
BRASS DRIFTS						
Brass drifts are designed to be used where a softer material is required to avoid damage to machine parts. The object being struck is typically a hardened steel bearing, pin or insert.						
JFBD152/9.5	503479	BRASS DRIFT 6X3/8(152X9.5MM)				
JFBD152/13	503476	BRASS DRIFT 6X1/2(152X13MM)				
JFBD152/19	503477	BRASS DRIFT 6X3/4(152X19MM)				
JFBD152/25	503478	BRASS DRIFT 6X1(152X25MM)				
JFBD203/25	503480	BRASS DRIFT 8X1(203x25MM)				
JFBD292/19	503481	BRASS DRIFT 11.1/2X3/4(292X19MM)				
JFBD292/25	503482	BRASS DRIFT 11.1/2X1(292X25MM)				

PAULCALL

MARSHALLTOWN
The Premier Line

MARSHALLTOWN manufacturers of premium quality concrete, masonry, asphalt, drywall, plaster, paint, EIFS, flooring and tiling tools and equipment. QLT by MARSHALLTOWN is a new line that encompasses a wide assortment of dependable tools for the homeowner up to a higher grade tool at a competitive price that will suit the needs of any serious DIYer to general contractor.

BARS

Monster Pry Bar

- All steel construction ensures long life
- Powder coated finish
- 56" (1422mm) length gives enough leverage for even the toughest jobs
- Ideal for prying forms and other embedded objects
- 1 per inner/1 per outer pack

MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm
506431	MT16595	56	1422

BOARD / PANEL LIFTER

Panel Lifter

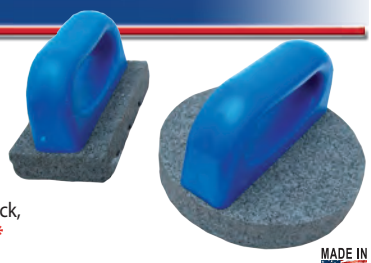
- Non-slip checkered surface provides foot traction
- Self-righting feature makes it ready for use without fumbling
- Tapered front end slides easily under the board; then it lifts and holds it in place while nailing
- Sold 2 per inner pack/2 per outer pack

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm
506511	MT790	12 X 5¼	305 X 133

BRICK - RUBBING

Rub Bricks



- Available in many sizes with or without handle
- Ideal for dressing down and removing form marks from concrete or cleaning brick
- Sold 1 per inner pack/4 per outer pack, 5 per outer pack where noted with *

MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

Item	Part No.	Grit/Description	Size-in.	Size-mm
506430	MT16533	20 Round w/Handle	6 X 1	152 X 25
506517	MT841*	20 Fluted w/Handle	8 X 3½ X 1½	203 X 89 X 38

BRUSH

Masonry Brush

- Bristles made of white Tampico fiber
- 3½" (89mm) bristles are set securely in hardwood block
- Sold 1 per inner pack/12 per outer pack

MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm
506515	MT829	6½ X 1¾	165 X 44

EDGER

Bronze Hand Edgers

- Made from high quality, long wearing bronze
- Comfortable soft grip with finger guard
- Finely finished to make smooth clean edges
- Sold 1 per inner pack/12 per outer pack

QLT BY MARSHALLTOWN

Item	Part No.	Size-in.	Size-mm	Radius	Lip
506508	MT7588	6 X 2¾	152 X 70	¼" (6mm)	⅝" (16mm)

Chamfer Stainless Steel Hand Edgers

- Blade is made of heavy gauge stainless steel
- Resilient DuraSoft® handle provides a soft feel, reduces fatigue and offers excellent durability
- Used to produce a bevel at the edge of a concrete slab to help prevent the edge from chipping
- Sold 1 per inner pack/6 per outer pack

MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm	Lip
506480	MT483CH	6 X 6	152 X 152	¾" (19mm)

^ = non stocked line

Curved End Hand Edgers

Stainless Steel

- Made of, stainless steel with a sturdy mounting welded to the blade
- Both ends are curved up for use in either direction
- Resilient DuraSoft® handle provides a soft feel, reduces fatigue and offers excellent durability
- Used to produce a radius at the edge of a concrete slab to help prevent the edge from chipping
- Curved ends help prevent edger from digging into wet concrete
- Sold 6 per inner pack/6 per outer pack

136SSD

MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

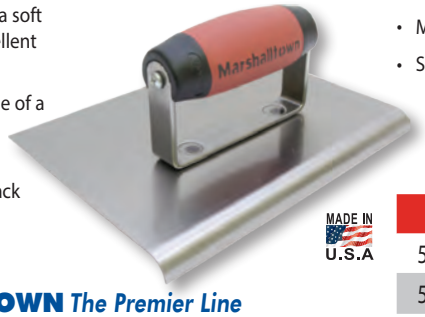
Stainless Steel

Item	Part No.	Size-in.	Size-mm	Radius	Lip
506411	MT136SSD	6 X 3	152 X 76	3/8" (10mm)	1/2" (13mm)
506427	MT155SSD	6 X 4	152 X 102	1/4" (6mm)	3/8" (10mm)
506428	MT156SSD	6 X 4	152 X 102	3/8" (10mm)	1/2" (13mm)

Straight End Hand Edgers

Stainless Steel

- Made of, stainless steel with a sturdy mounting welded to the blade
- Resilient DuraSoft® handle provides a soft feel, reduces fatigue and offers excellent durability
- Used to produce a radius at the edge of a concrete slab to help prevent the edge from chipping
- Sold 6 per inner pack/6 per outer pack



MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

Stainless Steel

Item	Part No.	Size-in.	Size-mm	Radius	Lip
506429	MT164SSD	6 X 4 1/4	152 X 108	1/4" (6mm)	3/8" (10mm)
506432	MT165SSD	6 X 4 1/2	152 X 115	3/8" (10mm)	1/2" (13mm)
506433	MT166SSD	6 X 4 1/3	152 X 110	1/2" (13mm)	5/8" (16mm)

EDGER GROOVER, Safety Step

Stainless Steel Safety Step Edger/Groover

- **4280D** is used to cut four grooves, 3/4" (19mm) apart and 1/4" (6mm) deep and an edge radius of 1/2" (13 mm)
- Creates a safety tread effect on steps
- Forms a 1/2" (13mm) radius and a 1/4" (6mm) groove in one pass
- Sold 6 per inner pack/6 per outer pack

MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm	Radius	Lip
506469	MT4280D	6 X 5	152 X 127	1/2" (13mm)	5/8" (16mm)

FLOAT

Beveled End Magnesium Hand Floats

- Extruded from very hard, durable, lightweight magnesium
- Our most popular float design
- Comfortable handle is positioned to give the tool perfect balance
- Recommended for use with air entrained concrete
- Magnesium floats produce a smoother finish than wood
- Sold 6 per inner pack/6 per outer pack

MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm	Handle
506421	MT142D	12 X 3 1/8	305 X 79	
506424	MT145D	16 X 3 1/8	406 X 79	
506426	MT146D	20 X 3 1/8	508 X 79	

Round End Magnesium Hand Floats

- Extruded from very hard, durable, lightweight magnesium
- Fully rounded ends help prevent float marks
- Comfortable handle is positioned to give the tool perfect balance
- Magnesium floats produce a smoother finish than wood
- Handles are secured with torque pad screws that will not back out
- Sold 6 per inner pack/6 per outer pack

MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm	Handle
506422	MT143D	16 X 3 1/8	406 X 79	

"The Hog" Magnesium Hand Floats

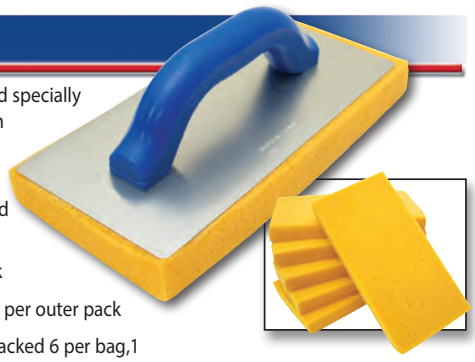
- Extruded from very hard, durable, lightweight magnesium
- Wide blade covers more surface area and wears longer
- Handle is secured with torque pad screws that will not back out
- Recommended for use with air entrained concrete
- Comfortable handle is positioned to give the tool perfect balance
- Sold 6 per inner pack/6 per outer pack

MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm	Handle
506504	MT738D	16 X 3¾	406 X 95	

Sponge Float



- Fine cell yellow foam pad specially bonded to an aluminium backing plate
- Wears well and does an excellent job on any sand surface
- Pad is 1 1/8" (28mm) thick
- Sold 1 per inner pack/12 per outer pack
- Replacement pads are packed 6 per bag,1 per inner pack/12 per outer pack

ASSEMBLED IN U.S.A.

MARSHALLTOWN *The Premier Line*

Item	Part No.	Description	Size-in.	Size-mm
506472	MT4412	Float	11 X 5½	279 X 140
506473	MT4419	Replacement Pad	11 X 5½	279 X 140

Tile Grouter's Floats

- Pure gum rubber face is bonded to the dense rubber pad; cemented to an aluminium backing plate with a smooth handle
- Edges are beveled and the two front corners are rounded
- Dense rubber pad is designed specifically for tile grouting
- **43BC** has an offset handle for base/cove work

ASSEMBLED IN U.S.A.

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm
506470	MT43	9 X 4	229 X 102
506471	MT43BC	12 X 3	305 X 76

Tile Grouter's Float

- Pure gum rubber face is bonded to the dense rubber pad; tempered steel blade with a soft grip handle
- Edges are beveled
- Specifically for tile grouting
- Sold 1 per inner pack/6 per outer pack

QLT BY MARSHALLTOWN

Item	Part No.	Size-in.	Size-mm
511046	MTGF248	9 X 4	229 X 102

Float Handles

- Fit all of our magnesium hand floats
- Sold 12 per inner pack/12 per outer pack

MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

Item	Part No.	Description	Size-in.	Size-mm
511028	MT16D	DuraSoft®	9 X 1 1/4	229 X 31

GROOVER

Bronze Hand Groovers

- Made from high quality, long wearing bronze
- Comfortable soft grip
- Finely finished to make smooth clean grooves
- Sold 1 per inner pack/12 per outer pack

QLT BY MARSHALLTOWN

Item	Part No.	Size-in.	Size-mm	Radius	Width	Depth
506503^	MT7374	8 X 4½	203 X 152	¼" (6mm)	½" (13mm)	1" (25mm)

Stainless Steel Rocker Groover

Stainless Steel!

- Groover blade has a slight bow which gives this tool a "rocker" effect
- Made of heavy gauge stainless steel and strengthened by a stiffening strip
- Powder coat finish
- Sold 6 per inner pack/6 per outer pack
- Available in inner pack quantities only

MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm	Radius	Depth
506438	MT1790D	6 X 3½	150 X 90	¼" (6mm)	½" (13mm)

^ = non stocked line

HANDLE

Push Button Handle Sections

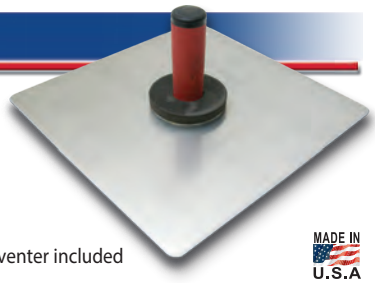
- Constructed of thick-walled aluminium tubing
- Heat-treated, lightweight
- Quick connect snap spring positively locks handles in place
- **WARNING:** When using handle extensions, always avoid contact with electrical power lines or any electrical source
- Sold 6 per inner pack/6 per outer pack
- Available in inner pack quantities only

QLT BY MARSHALLTOWN

Item	Part No.	Description	Size in.	Size mm	Diameter
506436	MT17-6ASU	Powder Coated - Blue	72	1829	1⅜" (35mm)

HAWK

Aluminium Hawks



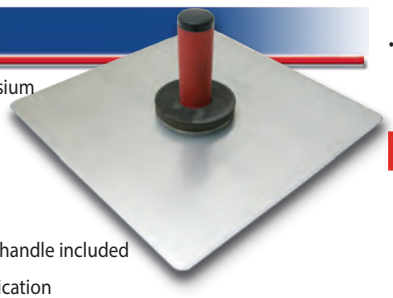
- Made of heavy gauge hard-rolled aluminium
- Edges have been smoothed and the corners rounded
- Has a threaded 3⅝" (92mm) flange
- Handle and sponge rubber callus preventer included
- "D" indicates DuraSoft® handle
- Sold 1 per inner pack/12 per outer pack

MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm	Handle
506495	MT5D	12 X 12	305 X 305	
506445	MT1D	13 X 13	330 X 330	
506501	MT6D	14 X 14	356 X 356	

Magnesium Hawks



- Made of lightweight durable magnesium
- Score marks are machined to a uniform depth and specially shaped to help the blade remain flat
- Has a threaded 3⅝" (92mm) flange
- Sponge rubber callus preventer and handle included
- Used for holding plaster during application
- "D" indicates DuraSoft® handle
- Sold 1 per inner pack/12 per outer pack, sold 1 per inner pack/18 per outer pack where noted with *

MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm	Handle
506486	MT5206D	13 X 13	330 X 330	
506487	MT5208D	14 X 14	356 X 356	

HOE

Mortar Hoe

- Steel ferrule riveted to one piece forged carbon steel head
- **14281** has a heavy duty 18" (457mm) hardwood handle with sturdy "D" grip
- Sold 1 per inner pack/4 per outer pack

MARSHALLTOWN *The Premier Line*

Item	Part No.	Description	Blade-in.	Blade-mm
506419	MT14281	D-Grip	4¾ X 7	121 X 178

HOPPER GUN

SharpShooter® I Hopper Gun

- Specially formulated nylon gun
- Seven orifice sizes with tubular design for reduced overspray and greater texture variety
- Knurled knobs let you adjust the orifice plate without wrenches
- Tight sealing flow shutoff prevents leakage
- Angled hopper adapter allows hopper to remain level while spraying floors and ceilings
- Gun features a handy air control valve which allows flow control at the gun instead of at the pump
- Easy pull swing trigger for greater control and less fatigue
- Adjustable trigger stop for consistency of pattern
- Hopper with seamless corner design eliminates material build-up and reduces clogging
- Plastic hopper capacity is approximately (7.57 litres)
- Sold 1 per inner pack/1 per outer pack

MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

Item	Part No.	Description	Size-in.	Size-mm
506500	MT693	Hopper Gun	N/A	N/A

MARSHALLTOWN The Premier Line

JOINTER

Brick Jointers

- Made from high carbon steel
- Each end is a different joint size
- 10½" (267mm) length
- Sold 6 per inner pack/72 per outer pack

MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm
506512	MT80	½ & ⅝	13 & 16
506513	MT81	¾ & ⅞	19 & 22
506514	MT82	⅝ & ¾	16 & 19
506516	MT83	⅜ & ½	10 & 13

Barrel Jointer

- Barrel jointer set includes four popular sizes of changeable hardened steel barrels - ½, ⅝, ¾ and ⅞" (13mm, 16 mm, 19mm, and 22mm)
- Threaded barrels are easy to change
- Sold 6 per inner pack/60 per outer pack, replacement barrels are sold 6 per inner pack/6 per outer pack

QLT BY MARSHALLTOWN

Item	Part No.	Description	Size-in.	Size-mm
506525	MTBJ850	Barrel Jointer	8½ X 2½	216 X 64
506608	MTRB852	Repl. Barrels	⅝	16
506610	MTRB854	Repl. Barrels	⅞	22

KNIFE - JOINTING

Soft Grip Putty and Joint Knives

- Blade is high carbon steel
- Soft grip handle
- Sold 6 per inner pack/72 per outer pack

QLT BY MARSHALLTOWN

Item	Part No.	Description	Size-in.	Size-mm
506542	MTFJK4HH	Flex Joint Knife⬢	4	102
506543	MTFJK5HH	Flex Joint Knife⬢	5	127
506544	MTFJK6HH	Flex Joint Knife ⬢	6	152

Nylon Handle Putty and Joint Knives

- Heat treated, hardened and tempered; annealed for an even hardness throughout the blade
- Full tang through the handle
- Smooth black polyethylene handle resistant to virtually all chemicals and solvents
- Weighted handle accommodates our heavier blades for perfect balance
- Sold 6 per inner pack/24 per outer pack,

M5763

MARSHALLTOWN *The Premier Line*

Item	Part No.	Description	Size-in.	Size-mm
506567	MTM5753	Flex Joint Knife ⬢	5	127
506568	MTM5763	Flex Joint Knife ⬢	6	152

⬢symbol designates our EMPACT hammering head handle

DuraSoft® Handle Putty and Joint Knives

- Next generation ergonomic design offers the most comfortable grip possible
- Solid handle construction ensures the strongest and longest lasting tool available
- Oversized EMPACT hammering head for quick, effective hammering
- Patent Pending handle design
- All 3" scraper blades have a 5° angle
- Sold 6 per inner pack/6 per outer pack,

C. Flex Handle

D. Flex Handle w/⬡

U.S. Patent Nos. D535,541, D527,244 D526,881, & D525,510

MARSHALLTOWN *The Premier Line*

Item	Part No.	Description	Size-in.	Size-mm	Handle
506602	MTPK877D	Flex Putty Knife ⬡	1½	38	D
506603	MTPK878D	Flex Putty Knife	2	51	C
506553	MTJK884D	Flex Joint Knife ⬡	5	127	D
506555	MTJK886D	Flex Joint Knife ⬡	6	152	D
506616	MTSK880D	Flex Scraper ⬡	3	76	D
506618	MTSK882D	Flex Scraper ⬡	4	102	D

⬡symbol designates our EMPACT hammering head handle

Nylon Handle Putty and Joint Knives

- Heat treated, hardened and tempered; annealed for an even hardness throughout the blade
- Full tang through the handle
- Smooth black polyethylene handle resistant to virtually all chemicals and solvents
- Weighted handle accommodates our heavier blades for perfect balance
- All 3" scraper blades have a 5° angle
- Sold 6 per inner pack/24 per outer pack

MARSHALLTOWN *The Premier Line*

Item	Part No.	Description	Size-in.	Size-mm
506558	MTM5123	Flex Putty Knife	1¼	31
506561	MTM5303	Flex Scraper	3	76
506566	MTM5743	Flex Scraper ⬡	4	102

⬡symbol designates our EMPACT hammering head handle

KNIFE - TAPING

DuraSoft® Stainless Steel Taping Knives

- Tempered premium stainless steel blade with aluminium backing plate
- Tapered blade flexes just right for feathering but won't take a set
- Resilient DuraSoft® handle provides a soft feel, reduces fatigue and offers excellent durability
- Sold 6 per inner pack/6 per outer pack

MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm
506458	MT3508SD	8 X 3	203 X 76

Soft Grip Blue Steel Taping Knives

- Flexible blue spring steel blade
- Tapered blade lets you get close to the corner
- One of the most lightweight taping knives on the market
- Comfortable soft grip handle is securely molded to an aluminium backing plate
- Sold 6 per inner pack/6 per outer pack

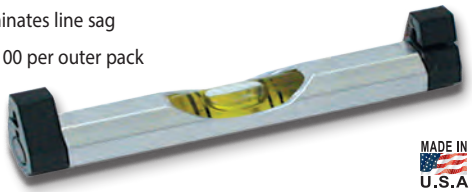
QLT by MARSHALLTOWN

Item	Part No.	Size-in.	Size-mm
506527	MTBSTK8	8 X 3	203 X 76
506526	MTBSTK12	12 X 3	305 X 76

LEVEL

Line Level

- Break resistant reversed line hooks for positive hold
- Lightweight design eliminates line sag
- Sold 10 per inner pack/100 per outer pack



MADE IN U.S.A

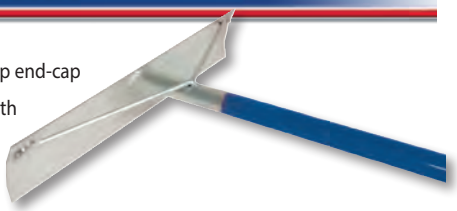
MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm
511029	MT16554	N/A	N/A

MARSHALLTOWN *The Premier Line*

PLACER

All Aluminium Placers



- Aluminium construction, powder coated with soft grip end-cap
- Braced for additional strength
- 60" (1524mm) long
- **AP753H** has a hook
- Sold 5 per inner pack/5 per outer pack
- **Available in inner pack quantities only**

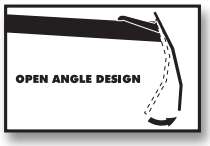
MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

Item	Part No.	Description	Blade Size-in.	Blade Size-mm
506522	MTAP753F	Placer w/o Hook	19½ X 4	495 X 102
511030^	MTAP753H	Placer w/ Hook	19½ X 4	495 X 102

All Aluminium Open Angle Pull Crete

- Lightweight aluminium construction
- Braced for additional strength
- Durable powder coated handle and rubberized grip
- Handle measures 60 X 1 3/8" (1524 X 35mm)
- Sold 5 per inner pack/5 per outer pack



MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

Item	Part No.	Description	Blade Size-in.	Blade Size-mm
511045^	MTRED700158	Placer w/o Hook	20 X 3¾	508 X 95

RAKER

Joint Raker

- Large 1¾" (44mm) skate wheels
- Strong aluminium handle is contoured to fit the hand and squared off at the end
- Hardened nail, adjusts to proper depth
- Sold 12 per inner pack/12 per outer pack

MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm
506519	MT89	8½ X 3	216 X 76

REEL, Tie Wire

Tie Wire Reels

- Constructed of lightweight aluminium
- Fits any standard size belt
- Accommodates all types of tie wire
- Sold 1 per inner pack/6 per outer pack

QLT BY MARSHALLTOWN

Item	Part No.	Description
506630	MTTWR19	Aluminium

SPONGE

Tile Grout and Grout Scrubbing Sponges

- Used to wipe off excess grout from joints
- Rounded corners to prevent digging out or marring joints
- Inner/outer pack quantities shown in table, individually bagged sponges are noted in table with *

MARSHALLTOWN *The Premier Line*

Item	Part No.	Description	Size-in.	Size-mm	Qty.
506627	MTTGSL	Large*	6½ x 4¼ x 2⅛	165 x 108 x 54	50/50
506626	MTTGS1	XL*	7¼ x 5⅛ x 2¼	184 x 130 x 57	40/40

- For scrubbing and haze removal
- Yellow grout sponge on one side to wipe off excess grout from joints
- White scrubber side to remove grout haze and stubborn mortar colors
- **Sold 50 per inner pack/50 per outer pack**

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm
506628	MTTLW	6½ X 4¼ X 2⅛	165 X 108 X 54

TOOLBAG

Medium Nylon Tool Bag

- Made of a double layer of durable, water-resistant nylon with a reinforced bottom panel
- Padded handles and an adjustable shoulder strap
- Has 6 multi-purpose inside pockets, 6 outside pockets and 6 outside web pockets
- Sold 1 per inner pack/6 per outer pack

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm
506596	MTNB202	20L X 8½W X 13½H	508L X 216W X 343H

^ = non stocked line

MARSHALLTOWN® BRICK TROWELS

PHILADELPHIA PATTERN

Philadelphia pattern trowels are better suited for laying block because they allow for more mortar to be placed on the blade

LONDON PATTERN

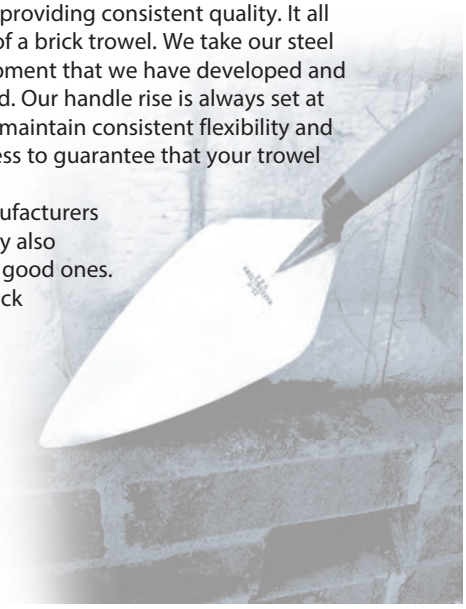
London pattern trowels are the standard blade type for laying brick.

WIDE LONDON PATTERN

Wide London pattern trowels can be used for laying brick or block. The rounded heel places the mortar further forward on the blade than the Philadelphia style trowels.

When you purchase a MARSHALLTOWN® Brick Trowel There Are No Surprises

No other brick trowel manufacturer can match MARSHALLTOWN's commitment to providing consistent quality. It all starts with our steel; a proprietary formula developed for the unique requirements of a brick trowel. We take our steel and carefully forge and heat treat it into brick trowels by using state of the art equipment that we have developed and refined into a unique factory dedicated to making the best brick trowels in the world. Our handle rise is always set at precisely the same angle. We hold extremely tight tolerances on blade thickness to maintain consistent flexibility and strength on every trowel we sell. We precisely maintain blade chemistry and hardness to guarantee that your trowel will perform better than expected. This all means that every single MARSHALLTOWN brick trowel we make is great. Most manufacturers can make a few good brick trowels, and maybe even one or two great ones. But they also make bad trowels, and you have to suffer through those bad trowels to get the few good ones. Choosing a MARSHALLTOWN brick trowel means that you choose to get a great brick trowel every time, so there are no surprises.



TROWELS

BRICKIES

Philadelphia Style

- Forged from a single piece of high carbon steel, then heat treated for strength and durability
- Blade is taper ground and polished
- Handle rise is set for the correct hang and balance
- Impact area is extra strong
- Supplied with plastic retail hangers

MADE IN U.S.A

DuraSoft® Handle
U.S. Patent Nos.
5,327,612 &
5,446,941

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-In.	Size-mm	Handle
506442	MT19/12FGXH	12 X 6	305 X 152	
506444	MT19P12XH	12 X 6	305 X 152	

Philadelphia Style

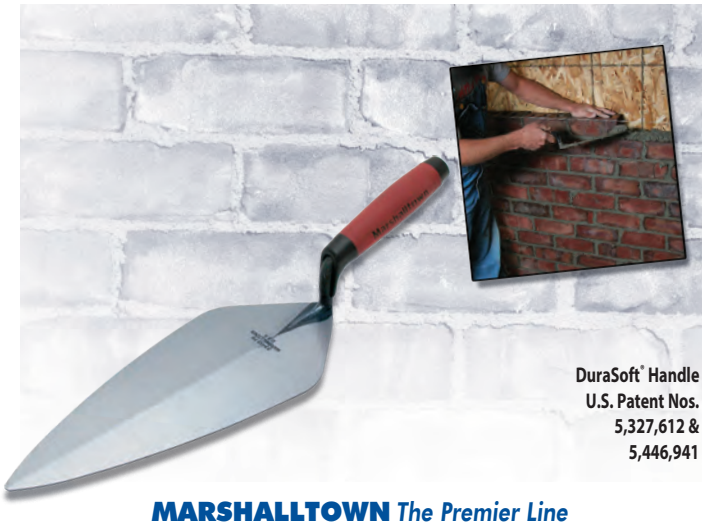
- Durable construction
- Perfect for projects of any size
- Designed for repeated use but priced for the Do-It-Yourselfer
- Soft Grip handle for increased comfort
- Sold 1 per inner pack/12 per outer pack

QLT BY MARSHALLTOWN

Item	Part No.	Size-In.	Size-mm
510804	MT19087	12 X 6	305 X 152

London Style

- Forged from a single piece of high carbon steel, then heat treated for strength and durability
- Handle rise is set for the correct hang and balance
- Blade is taper ground and polished
- Impact area is stronger
- Supplied with plastic retail hangers



DuraSoft® Handle
U.S. Patent Nos.
5,327,612 &
5,446,941

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm	Handle
506448	MT33/13FGXH	13 X 5⅜	330 X 137	

Wide London Style

- Forged from a single piece of high carbon steel, then heat treated for strength and durability
- Blade is taper ground and polished
- Impact area is extra strong
- Handle rise is set for the correct hang and balance
- Supplied with plastic retail hangers

MADE IN U.S.A

DuraSoft® Handle
U.S. Patent Nos.
5,327,612 &
5,446,941

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm	Handle
506451	MT34/12FGXH	12 X 5¾	305 X 146	
506456	MT34P12XH	12 X 5¾	305 X 146	

Wide London Style

- Durable construction
- Perfect for projects of any size
- Designed for repeated use but priced for the Do-It-Yourselfer
- Soft grip handle for increased comfort
- Supplied with plastic retail hangers
- Sold 6 per inner pack/6 per outer pack

QLT BY MARSHALLTOWN

Item	Part No.	Style	Size-in.	Size-mm
510805	MT19088	Wide London	12 5 3/4	305 X 146

^ = non stocked line

CORNER

Inside Corner Trowel

Stainless Steel!

- Formed from a single piece of stainless steel
- Blade flexes to form a perfect 90 degree angle
- Used to embed tape and smooth out the final layer of mud to taped corners
- Comfortable soft grip handle
- Sold 1 per inner pack/6 per outer pack

QLT BY MARSHALLTOWN

Item	Part No.	Size-in.	Size-mm
506538	MTCT911	4 X 5	102 X 127

Inside Corner Trowel

Stainless Steel!

- Lightweight tool made from one piece of flexible stainless steel with aluminium mounting
- Blade set at a 103° angle that flexes to form a perfect 90° corner during use
- Resilient DuraSoft® handle with finger guard
- Used to embed tape and smooth out the final layer of mud to taped corners
- Sold 2 per inner pack/48 per outer pack

MADE IN U.S.A

U.S. Patent Nos. 5,327,612 and 5,446,941

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm
506446	MT23D	4 X 5	102 X 127

EIFS Outside Corner Trowels

- Lightweight tool made from one piece of 4¼" (108mm) long stainless steel
- Has a 90° angle between the blades
- Resilient DuraSoft® handle with integral finger guard
- Designed to be used with the inside corner trowels for finishing decorative details
- Sold 2 per inner pack/2 per outer pack

Stainless Steel!

MADE IN U.S.A

U.S. Patent Nos. 5,327,612 & 5,446,941

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm
506491	MT5769D	2	51

EIFS Inside Corner Trowels

- Lightweight tool made from one piece of 4¼" (108mm) long stainless steel
- Has a 90° angle between the blades
- Resilient DuraSoft® handle with integral finger guard
- Designed to be used with the outside corner trowels for finishing decorative details
- Sold 2 per inner pack/2 per outer pack

Stainless Steel!

MADE IN U.S.A

U.S. Patent Nos. 5,327,612 & 5,446,941

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm
506493	MT5788D	2	51

POINTING

Pointing Trowels

- Durable construction
- Perfect for projects of any size
- Designed for repeated use but priced for the Do-It-Yourselfer
- Soft grip handle for increased comfort
- Sold 6 per inner pack/6 per outer pack

QLT BY MARSHALLTOWN

Item	Part No.	Size-in.	Size-mm
506606	MTPTSG525	5 X 2½	127 X 64

Philadelphia Style Pointing Trowels

- Forged from a single piece of high carbon steel for unsurpassed strength
- Resilient DuraSoft® handle with integral finger guard
- Sold 6 per inner pack/6 per outer pack

MADE IN U.S.A

U.S. Patent Nos. 5,327,612 & 5,446,941

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm	Handle
506476	MT45/6DH	6 X 2¾	152 X 70	

TUCK POINTER

Tuck Pointers

- Durable construction
- Perfect for projects of any size
- Designed for repeated use but priced for the Do-It-Yourselfer
- Soft grip handle for increased comfort
- Sold 6 per inner pack/6 per outer pack

QLT BY MARSHALLTOWN

Item	Part No.	Size-in.	Size-mm
506629	MTTPSG38	6 X ⅜	152 X 10

MARSHALLTOWN *The Premier Line*

Stainless Steel

- Highest grade hardened and tempered bright or golden stainless steel blade, properly shaped
- Aluminium alloy Xtralite® mounting is lightweight but very strong
- Choice of resilient DuraSoft® handle or smooth, natural finish hardwood handle
- Sold 1 per inner pack/12 per outer pack, 6 per outer pack where noted with *

506566

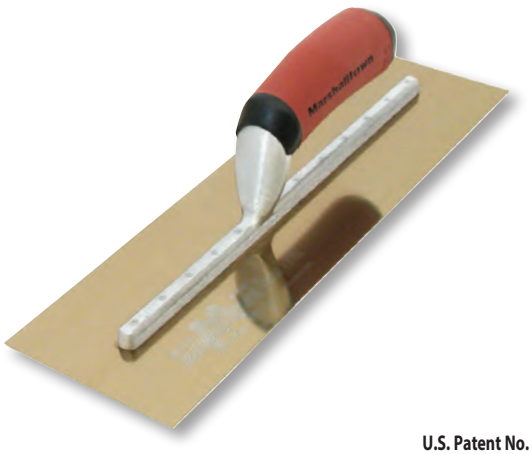
MADE IN U.S.A

U.S. Patent No. 5,522,111

MARSHALLTOWN *The Premier Line*

Bright Stainless Steel

Item	Part No.	Size-in.	Size-mm	Handle
510909	MTMXS3SSDH	11 X 4¾	279 X 121	
506593	MTMXS73SSH	14 X 4¾	356 X 121	
506585	MTMXS66SSD	16 X 4	406 X 102	
506590	MTMXS73SDH	14 X 4¾	356 X 121	
506579	MTMXS25SSD*	20 X 5	508 X 127	



MADE IN U.S.A

U.S. Patent No. 5,522,111

MARSHALLTOWN *The Premier Line*

Golden Stainless Steel

Item	Part No.	Size-in.	Size-mm	Handle
506575	MTMXS13GSD	13 X 5	330 X 127	
506588	MTMXS73GSD	14 X 4¾	356 X 121	

Stainless Steel

- Cast aluminium mounting securely riveted to tempered, polished steel blade
- Mounting has a square shank to prevent handle from turning
- Soft grip handle for increased comfort
- Sold 1 per inner pack/6 per outer pack

QLT BY MARSHALLTOWN

Item	Part No.	Size-in.	Size-mm	Handle
506546	MTFT124SS	12 X 4	305 X 102	

High Carbon Steel - DuraSoft® Handle

- Highest grade hardened and tempered spring steel blade, properly shaped
- Aluminium alloy Xtralite® mounting is lightweight but very strong
- Beveled work edges prevent surface aggregate popping
- Resilient DuraSoft® handle provides a soft feel, reduces fatigue and offers excellent durability
- Sold 1 per inner pack/12 per outer pack, 6 per outer pack where noted with *

MADE IN U.S.A

U.S. Patent No. 5,522,111

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm	Handle
506581	MTMXS3D	11 X 4¾	279 X 121	
506587	MTMXS73DH	14 X 4¾	356 X 121	
506583	MTMXS66D	16 X 4	406 X 102	
506594	MTMXS77DH*	18 X 4½	457 X 114	

^ = non stocked line

High Carbon Steel - Wood Handle

- Highest grade hardened and tempered spring steel blade, properly shaped
- Aluminium alloy Xtralite® mounting is lightweight but very strong
- Beveled work edges prevent surface aggregate popping
- Sold 1 per inner pack/12 per outer pack

MADE IN U.S.A

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm	Handle
506589	MTMXS73H	14 X 4¾	356 X 121	

High Carbon Steel

- Cast aluminium mounting securely riveted to tempered, polished steel blade
- Mounting has a square shank to prevent handle from turning
- Soft grip handle for increased comfort
- Sold 1 per inner pack/6 per outer pack

QLT BY MARSHALLTOWN

Item	Part No.	Size-in.	Size-mm	Handle
506547	MTFT144	14 X 4	356 X 102	
506548	MTFT164	16 X 4	406 X 102	

PermaShape® "Flat" Stainless Steel!

- Guaranteed to stay flat use after use
- Made from highest grade stainless steel
- Properly shaped and tempered
- Withstands pressure of hard-troweling
- Flat blade makes applications easier with more consistent finish
- Resilient DuraSoft® handle or smooth, natural finish hardwood handle
- Sold 1 per inner pack/12 per outer pack

MADE IN U.S.A

U.S. Patent Nos. 5,522,111; 5,697,265; and 5,791,009

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm	Handle
506465	MT3SSFPD	11 X 4¾	279 X 121	
506418	MT13SSFPD	13 X 5	330 X 127	
506505	MT73SSFPD	14 X 4¾	356 X 121	

PermaShape® "Flat" Golden Stainless!

- Guaranteed to stay flat use after use
- Made from highest grade stainless steel
- Properly shaped and tempered to a golden finish
- Withstands pressure of hard-troweling
- Flat blade makes applications easier with more consistent finish
- Choice of resilient DuraSoft® handle or smooth, natural finish hardwood handle
- Sold 1 per inner pack/12 per outer pack, 6 per outer pack where noted with *

MADE IN U.S.A

U.S. Patent Nos. 5,522,111; 5,697,265; and 5,791,009

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm	Handle
511116	MT7GSFP	12 X 5	305 X 127	
506417	MT13GSFPD	13 X 5	330 X 127	
511117	MT145GSFP	14 X 5	356 x 127	
506425	MT145GSFPD	14 X 5	356 x 127	
511118	MT165GSFP*	16 X 5	406 X 127	

DuraFlex Trowels

Golden Stainless!

- PermaShape® guarantees trowel will maintain original flat shape
- Flat, yet flexible thinner blade makes applications easier with more consistent finish. Great for EIFS applications
- Available with a long or short mounting which allows for more flexibility
- Highest grade, hardened and tempered, golden stainless steel blade, properly shaped and fastened with stainless steel rivets
- Withstands pressure of hard-troweling
- Sold 1 per inner pack/12 per outer pack

PS PERMASHAPE

MOST FLEXIBLE TROWEL AVAILABLE

MADE IN U.S.A

U.S. Patent Nos. 5,697,265; 5,522,111; 5,791,009

MARSHALLTOWN *The Premier Line*

Item	Part No.	Mounting	Blade-in.	Blade-mm	Handle
506477	MT4681DFDL	9¾" (248mm)	13 X 5	330 X 127	

GAUGING

Gauging Trowels

- Forged from a single piece of high carbon steel
- Carefully taper ground and polished
- Many uses, including mixing or "gauging" small quantities of mortar or quick setting plaster
- Resilient DuraSoft® handle with integral finger guard
- Sold 12 per inner pack/12 per outer pack

MADE IN U.S.A

U.S. Patent Nos. 5,327,612 & 5,446,941

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm	Handle
506482	MT48DH	7 X 3⅜	178 X 86	

Gauging Trowel

- Durable construction
- Perfect for projects of any size
- Designed for repeated use but priced for the Do-It-Yourselfer
- Soft grip handle for increased comfort
- Sold 1 per inner pack/12 per outer pack

QLT BY MARSHALLTOWN

Item	Part No.	Size-in.	Size-mm
506550	MTGTSG735	7 X 3⅜	178 X 86

MIDGET

Midget Trowels

- Aluminium alloy Xtralite® mounting is lightweight but very strong
- "SS" indicates a stainless steel blade
- Resilient DuraSoft® handle
- Sold 3 per inner pack/3 per outer pack

MADE IN U.S.A

U.S. Patent No. 5,522,111

MARSHALLTOWN *The Premier Line*

Item	Part No.	Size-in.	Size-mm	Handle
506407	MT11D	8 X 3	203 X 76	
506408	MT11SSD	8 X 3	203 X 76	

POOL

Golden Stainless Steel Pool Trowels

- Highest grade hardened and tempered golden stainless steel blade, properly shaped and fastened with stainless steel rivets
- Short aluminium alloy Xtralite® mounting is lightweight but very strong
- Blade is flexible enough to bend to almost any radius
- Sold 1 per inner pack/12 per outer pack, 6 per outer pack where noted with *

MADE IN U.S.A

U.S. Patent No. 5,522,111

MARSHALLTOWN *The Premier Line*

Item	Part No.	Rivets	Size-in.	Size-mm	Handle
506621	MTSP10GSD	3	10 X 3	254 X 76	
506622	MTSP12GSD	5	12 X 3½	305 X 89	
506623	MTSP14GSD	6	14 X 4	356 X 102	
510808	MTSP16GSD*	8	16 X 4½	406 X 114	

^ = non stocked line

trumeter

innovation by design

COUNTING, MEASURING & TIMING

Trumeter is a UK based designer, manufacturer and distributor of sophisticated measuring instruments. Their engineers design and invent innovative products that meet and exceed customer's specifications and expectations.

Distance Measurement:

For over half a century Trumeter has been designing and manufacturing distance measuring products of world class quality. The product applications are numerous and include: surveying, road and construction measurement, land measurement, stadia measurement, indoor measurement and rail track measurement.

Length Measurement:

This range of products was the original innovation by Trumeter in the 1930's . Today the product range is used in an extensive number of industries including textile, carpet, wallpaper, timber and cable measurement.

12 MONTHS WARRANTY

SPECIALISING IN:

Counting & Measuring Instruments • Revolution Counters
Specialist Counters • Length & Distance Measurers

TERMS AND CONDITIONS

All products are warranted against faulty workmanship or materials for 12 months, except the TRU5000, TRU5500 & TRU5500E that are warranted for 2 years. Condition is that they are used as the manufacturer intended. Specifications for counters are shown in the Trumeter Catalogue or website www.trumeter.com Road measurers are to be used at human speed only (not outside car doors whilst doing 40km/hr).

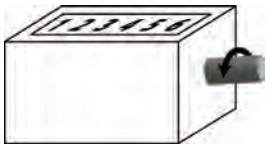
trumeter innovation by design

PART NO.	ITEM	DESCRIPTION	IMAGE
MEASURING WHEELS			
ROAD MEASURING WHEELS			
TRU5000	**709954**	**PROFESSIONAL ROAD MEASURER** Display: 99999.9m With built in fold away stand and brake Superbly balanced - the first choice for professionals Precision measuring wheel with accuracy of +/- 1% Large display with 7mm high characters Adds forward and subtracts in reverse Lever resets to zero Pointer indicates start position Robust construction, including mud scraper Folding handle with locking clip for easy carriage Oil resistant precision made tyre 1m circumference (314.2mm dia.) measuring wheel Ideal for mining as it contains no aluminium Includes carry bag	
TRU5500	**709956**	**MEASUREMETER - Mechanical** Display: 99999.9m Trumeter's highly affordable Measuremeter Robust ABS construction Precision measuring wheel with accuracy of +/- 1% 1m circumference (314.2mm dia.) measuring wheel Large display with 7mm high characters Adds forward and subtracts in reverse Retractable stand Telescopic handle for easy carriage Built in brake and mud scraper Pointer indicates start position	
TRU5500E	**709957**	**MEASUREMETER - Electronic** Display: 99999.9m Patented Electronic Counter with gold plated contacts Precision measuring wheel with accuracy of +/- 1% Huge Backlight LCD display with 14mm high numbers Counts to the millimetre LCD is crystal clear in direct sunlight Adds forward and subtracts in reverse Minimum 5 year battery life, weather and moisture proof otherwise 2 year warranty Measure trip and total at same time, push button reset Otherwise as per TRU5500 (same ABS frame, handle and wheel)	
RAIL MEASURING WHEEL			
TRU5061	**709955**	**RAIL TRACK MEASURER** Display: 9999.9m The only choice for accurate, reliable rail track measurement. Integral side plates to fit over railway tracks and ensure stability. Heavy Duty counter with large 7mm numbers. Adds forwards and subtracts in reverse. Precision measuring wheel with accuracy of +/- 1%. Built in declutch mechanism.	

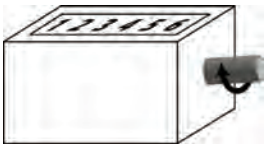
PART NO.	ITEM	DESCRIPTION	IMAGE

REVOLUTION COUNTERS & LENGTH MEASUREMENT ASSEMBLIES

DEFINITION OF TERMS:
All counters are Top Viewing.
All have 6.4mm high numbers unless otherwise specified.
Reset position is customer selective
Ratio of 2:1 = 2 turns of shaft is a count of 1 on the display.
TC = Top Coming - refer to illustration on the right
TG = Top Going - refer to illustration on the far right
m = Metres



Top Coming (TC)



Top Going (TG)

SHAFT DIRECTION FOR COUNTER TO COUNT UP. (1, 2, 3, ETC)

The base plate dimensions are 111 x 65mm and the overall height is 46mm. The shaft diameter is 7mm (0.275").

		RATIO	DISPLAY
TRU3602-001TC	**709947**	1 : 1	999999m
TRU3602-001TG	**709948**	1 : 1	999999m
TRU3602-192TC	**709949**	2 : 1	99999.9m
TRU3602-192TG	**709950**	2 : 1	99999.9m
TRU3602-193TC	**709951^**	3 : 1	9999.9m
TRU3602-193TG	**709952**	3 : 1	9999.9m

TRU3602-001TC

WHEELS
0.5 metre circumference for use with 2 : 1 counters
0.33 metre circumference for use with 3 : 1 counters

TRUC7574-1	**709966**	0.5m Rubber covered plastic wheel
TRUC1862-1	**709963^**	0.5m Knurled aluminium wheel
TRUC7905-1	**709967^**	0.33m Rubber covered plastic wheel
TRUC2626-1	**709965^**	0.33m Knurled aluminium wheel

TRU3602-001TC + TRUD5697-1 + 2 x TRUC7574-1

BRACKET ASSEMBLIES

TRUD5697-1	**709970^**	Bracket only mounted
TRUD5697-3	**709972^**	Bracket with stand (shaft length is 450mm)

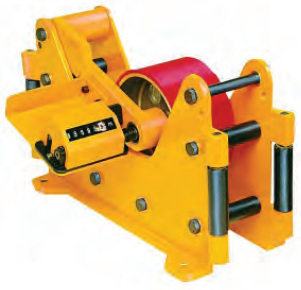
TRU3602-001TC + TRUD5697-3 + 1 x TRUC7574-1

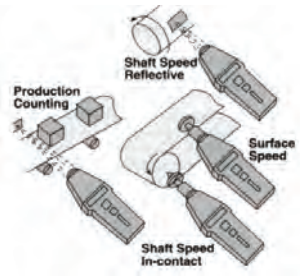
Make up your own Length measurement assembly simply by selecting a revolution counter with 2 : 1 or 3 : 1 ratio, and then select the Wheel to suit and Bracket Assembly you desire. All mounting screws etc. are included.

TRU3602-001TC + TRUD5697-3 + 2 x TRUC7574-1

LENGTH MEASURING MACHINE

TRU2600	**709940^**	**HEAVY DUTY MULTI PURPOSE MEASURING MACHINE** This machine measures the length of cable, wire, rope, hose, extrusions or continuous strip from 6mm to 76mm in diameter. Display: 9999.9m



PART NO.	ITEM	DESCRIPTION	IMAGE
DIGITAL HAND TACHOMETER			
TRU4HT600	**709953**	**5 Digit Microprocessor based, Battery powered Hand-held Tachometer/Counters with Data memory** - RPM, speed and distance measurement - 5 Digit 10mm high contrast LCD display - Fixed or floating decimal point - Comprehensive set of annunciators indicate mode, range and memorised data - Rugged design, fits comfortably in the hand - Accurate to + or - 0.02% - Measures rotation speed down to 1 RPM - Automatic power saving shut off and display memory recall of the 3 readings being the last, maximum and minimum - Low battery indicator **SPECIFICATIONS** Display: 5 digit 10mm high contrast LCD, floating decimal pt. Measurement Ranges Rotation: 1-99,999RPM (contact and non-contact) Speed: 0.1-1,999m/min, 0.3-6,500ft/min or 4.0-78,000in/min according to the measuring wheel Accuracy: + or - 0.02% Measurement Time: 0.5 sec or one period Non-Contact Measurement Distance: 350mm optimum Readings in Memory: Last Reading, and maximum and minimum reading of last measurement Power Source: 2x1.5V Type AA Batteries Auto Power-Off: 30sec after last operation Operating Temp: -10°C to 50°C	 
TOTALISING COUNTERS			
TRCHTC	**709915**	**HAND TALLY** 4 Digit tally counters number clicker Stainless Steel Display to 9999	 TRCHTC
TRCDTC	**709914**	**DESK TALLY** 4 Digit tally counters number clicker Stainless Steel with Plastic Base Display to 9999	 TRCDTC

Avancer UK

www.avanceruk.com

Avancer UK are manufacturers of:

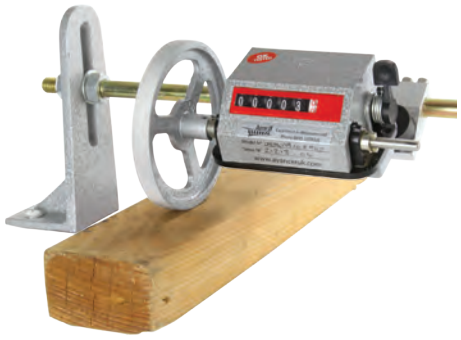
Compact Stroke Counters,

Mechanical Stroke Counters

and Timber Measurers.

12 MONTHS WARRANTY

Avancer UK
www.avanceruk.com

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
COUNTERS				
COMPACT STROKE COUNTER				
AVA CSJ5 TC RH	800287	CS J5 TOP COMING RIGHT HAND LEVER RESET COMPACT STROKE COUNTER		40 X 25 X 30H Approximate Size
AVA CSJ5 TG RH	800312	CSJ5 TOP GOING RIGHT HAND LEVER RESET COMPACT STROKE COUNTER		
AVA CSJ5 TC LH	800313	CSJ5 TOP COMING LEFT HAND LEVER RESET COMPACT STROKE COUNTER		
AVA CSJ5 TG LH	800314	CSJ5 TOP GOING LEFT HAND LEVER RESET COMPACT STROKE COUNTER		
MECHANICAL STROKE COUNTER				
AVA CS66 TC RH	800316	CS6 TOP COMING RIGHT HAND LEVER RESET MECHANICAL STROKE COUNTER		80 X 65 X 45H Approximate Size
AVA CS6 TG RH	800318	CS6 TOP GOING RIGHT HAND LEVER RESET MECHANICAL STROKE COUNTER		
AVA CS6TCLH	800315	CS6 TOP COMING LEFT HAND LEVER RESET MECHANICAL STROKE COUNTER		
AVA CS6 TG LH	800317	CS6 TOP GOING LEFT HAND LEVER RESET MECHANICAL STROKE COUNTER		
TIMBER MEASURER				
AVA 2901	800319	**2901 TIMBER MEASURER** This machine measures at the instant the timber makes contact with the spring loaded measuring wheel. It has a friction brake to prevent over spin (once the timber has passed through the measurer, the counter stops waiting for the next piece of timber). It is supplied with an adjustable height stand for different timber thickness. A Heavy Duty 3:1 ratio revolution counter is included.		

Eslon®

Fibreglass Tape Measures

"Eslon" Fibreglass tape Measures are made in Japan and have the highest strength, lowest elongation of any tape sold on the Australian market. Every tape is overcoated polyvinyl chloride (PVC) to give the tapes superior durability and added protection to the markings on the tape.
Extensive testing is done on all production batches to ensure compliance with strict Japanese Standards for tape accuracy.

Eslon®

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE

TAPE MEASURES

PVC Coated Fibreglass Tape Measures.
Accuracy: Eslon PVC coated fibreglass tape measures are the most accurate fibreglass tape measure made. The tape is made from 30,000 pieces of glass fibre placed in parallel and coved with resilient polyvinyl chloride. The tape is unaffected dimensionally by water and other liquids, or by creasing.
Durable: Eslon beats any other kind of tape for toughness. It can take any amount of rough treatment-trampling, mud, abrasion from rocks, even being run over by trucks and will go on taking it year after year.
Non-Conducting: A fibreglass tape is ideally suited for use where electrical hazards exist, as both fibreglass and polyvinyl chloride are of a non-conductive nature.
Cleaning: A fibreglass tape is problem free, no mildew or rust to worry about. With Eslon stains can be wiped off with soap and water.

CLOSED CASE - FIBREGLASS TAPE

PVC coated fibreglass tapes in high impact ABS closed case.

ESM10MM	502113	FIBREGLASS TAPE 10MTR X 12MM CLOSED CASE (M1 / M2)	4906648073276
ESM20MM	502116	FIBREGLASS TAPE 20MTR X 12MM CLOSED CASE (M1 / M2)	4906648073283
ESM30MM	502118	FIBREGLASS TAPE 30MTR X 12MM CLOSED CASE (M1 / M2)	4906648073290
ESM100FM	502112	FIBREGLASS TAPE 30MTR/100FT CLOSED CASE (M1 / F1)	4906648073337

NON-CONDUCTIVE

High accuracy measure perfected from all angles. Expansion-free fiberglass tape with special plastic coating. Latest upright design with automatic winding. Large figures for easy reading with continuous figures on entire length. The tape is made from fibreglass reinforced plastic with a urethane coating. The case is compact and made of lightweight, rigid ABS resin with no metal used. Excellent oil resistance, waterproofing and solvent resistance. Exceptional accuracy compared to that of a steel tape. Tape length – 3 mtr, Width 19mm, Thickness 0.3mm. Scale accuracy – 3mtr +/- 0.9mm (JIS Class 2). Elongation 2.5% (breaking extension) – tensile strength 100kgf. Insulation performance – Dry 20kV or over 10cm, Wet 20Kv or over 10 cm

ESZ3NGC	502141	POCKET TAPE 3MTR NON-CONDUCTIVE	4906648089475

RAPID REEL - FIBREGLASS TAPE

Fibreglass open reel measuring tape. Extremely accurate. Rapid wind feature allows the recovery of the tape 3 times faster than a conventional open reel tape. Speedy tape retraction greatly improves the work efficiency of measuring.

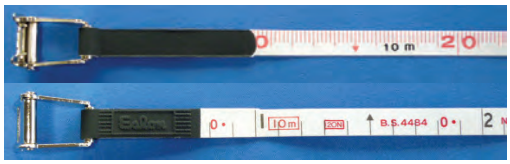
ESHR30MM	502110	FIBREGLASS TAPE 30M X12MM RAPID REEL (M1 / M2)	4906648073467
ESHR50MM	502111	FIBREGLASS TAPE 50M x 0.5MM x 12MM RAPID REEL (M1/M 2)	4906648073375
ESHR165FM	502109	FIBREGLASS TAPE 50M/165FT x 12MM RAPID REEL (M1 / F1)	4906648073382

OPEN REEL - FIBREGLASS TAPE

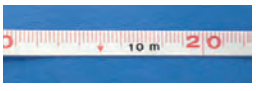
P.V.C. coated fibreglass tapes in ABS open reel case.

ESR100MM	502126	FIBREGLASS TAPE 100Mx12MM ABS OPEN REEL (M1 / M2)	4906648073351

Patterns in 0 (zero) Point
0 point starts from the inside edge of metal hook



Tape Marking
M1: Metric , m, cm, 2mm (Eslon Standard)
F1: Ft-inches, 1/8ths (Eslon Standard)



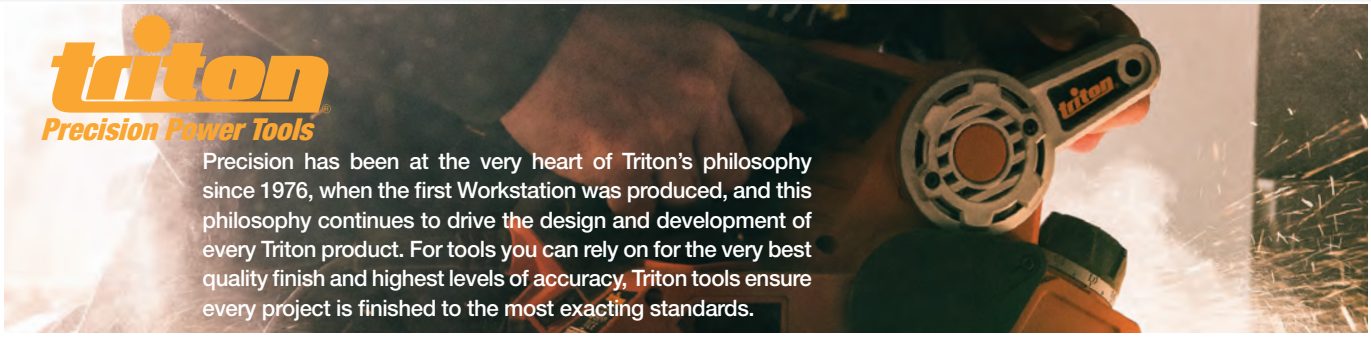
triton®
Precision Power Tools

THE BENCHMARK IN PRECISION POWER TOOLS
FOR OVER 35 YEARS

The remarkable Triton Woodworking System is now available.

Precision has been at the heart of Tritons philosophy since 1976 when the first Workcentre was produced. From design through to the completed product. Triton engineering is all about precision and it's this attention to detail that makes using Triton tools a pleasure and gives us the satisfaction of knowing we have played a part in the final finish of your project.

At the core of the Triton range is the Series 2000 Workcentre. Safe, accurate and easy to use, the versatility of the Workcentre means it can be moved easily around the workshop or folded up for storage or transport to the job.
Australian innovation at its best.



Compact Precision Plunge Router 1010W

- Collets: 1/2" & 1/4"
- Through-base, single-spanner action bit change with automatic spindle lock
- Variable speed, soft start & safety switch
- Free plunge & micro winder
- Dust extraction port

Item	Part No.	Description
801219	TRI-JOF001	Compact Precision Plunge Router 1010W

Dual Mode Precision Plunge Router 1400W

- Collets: 1/2" & 1/4"
- Through-base, single-spanner action bit change with automatic spindle lock
- Variable speed, soft start & safety switch
- Free plunge, handle winder plunge & micro adjuster
- Dust extraction port

Item	Part No.	Description
801229	TRI-MOF001	Dual Mode Precision Plunge Router 1400w

Dual Mode Precision Plunge Router 2400W

- Collets: 1/2" & 1/4"
- Through-base, single-spanner action bit change with automatic spindle lock
- Variable speed, soft start & safety switch
- Free plunge, handle winder plunge & micro adjuster
- Dust extraction port

Item	Part No.	Description
801405	TRI-TRA001	Dual Mode Precision Plunge Router 2400w

Accessories Kit

- Machined & plated brass guide bushes in 7 popular sizes
- Dust chute for efficient chip extraction beneath the cut
- Compatible with Triton MOF001, JOF001 & TRA001 Precision Plunge Routers

Item	Part No.	Description
801404	TRI-TGA150	Template Guide Kit

ALL OUR TRITON ROUTERS HAVE:

Soft Start & Variable Speed provides the perfect speed for all cutter types

Quick Access Brushes allows the user to change worn brushes

3 Stage Turret with direct reading scales for precise preset cut depths

Technical Specification	Compact Precision Router 1010W	Dual Mode Precision Plunge Router 1400W	Dual Mode Precision Plunge Router 2400W
Power	1010W	1400W	2400W
Speed	8000 - 20,000rpm speed maintenance under load	8000 - 20,000rpm speed maintenance under load	8000 - 20,000rpm speed maintenance under load
Soft Start	Yes	Yes	Yes
Electronic Speed Maintenance	Yes	Yes	Yes
Collet	1/2" & 1/4"	1/2" & 1/4"	1/2" & 1/4"
Depth Adjustment	Micro winder & conventional 'free' plunge	Winder handle rack and pinion, micro winder & conventional 'free' plunge	Winder handle rack and pinion, micro winder & conventional 'free' plunge
Plunge Range	0 - 59mm	0 - 59mm	0 - 68mm
Micro Adjustment	Infinite	Infinite	Infinite
Spindle Lock	Auto	Auto	Auto
Safety Power Switch	Yes	Yes	Yes
Guide	Extended baseplate with adjustable fence	Extended baseplate with adjustable fence	Extended baseplate with adjustable fence
Weight	3.9kg	4.7kg	6kg
Accessories	Table Height Winder handle & Multi-Function Fence	Table Height Winder handle & Multi-Function Fence	Table Height Winder handle & Multi-Function Fence

Belt Sander 76mm

- Powerful 1200W motor provides power for the toughest wood surfaces
- Variable speed control improves versatility
- Small diameter front roller allows sanding in confined areas
- Adjustable bail handle increases support & safety

Technical Specification	
Power	1200W
No Load Speed	200 - 450m/min
Belt Size	76 x 533mm
Actual Sanding Area	76 x 150mm
Variable Speed	Yes
Gear Casing	Aluminium
Weight	4.8kg
Included Accessories	
Dust Bag, Sanding Belt & Inversion Clamps	

Item	Part No.	Description
801351	TRI-TA1200BS	Belt Sander 76mm 1200w

64mm Palm Sander 450W

- Quick-release belt lever
- Sands to edge of workpiece
- Rubber over-moulded grip
- Small diameter front roller
- Belt tracking adjustment

Fits neatly in the palm for single handed use

Technical Specification	
Power	450W
No Load Speed	340m/min
Belt Size	64 x 406mm
Weight	2.1kg
Included Accessories	
3 x Sanding Belts 60 grit (1 fitted), Dust Extraction Adaptor	

Item	Part No.	Description
801368	TRI-TCMBS	Palm Sander 64mm 450w

Oscillating Spindle Sander 450W

- Large 370 x 295mm cast iron table for stability & enhanced material support
- Enables precise finishing of intricate work
- Includes 6 sanding sleeves 13-76mm dia with matching drums & table inserts
- On-board storage for all accessories
- Dust port for connection to extraction system

Technical Specification	
Power	450W
No Load Speed	2000rpm
Oscillations	58opm
Table Size	370 x 295mm
Dust Port	38mm
Weight	12.9kg
Included Accessories	
6 x Aluminium Oxide Sanding Sleeves from 13 - 76mm, 6 x Table Inserts, 5 Rubber Sanding Drums, 3 x Upper Spindle Washers & 1 x Wrench	

Item	Part No.	Description
801498	TRI-TSPS450	Oscillating Spindle Sander 450w
801502	TRI-TSS60G	6pc Sleeves 60 Grit
801503	TRI-TSS80G	6pc Sleeves 80 Grit
801499	TRI-TSS100G	6pc Sleeves 100 Grit
801500	TRI-TSS150G	6pc Sleeves 150 Grit
801501	TRI-TSS240G	6pc Sleeves 240 Grit

Sanding Sleeves

- Sizes 13, 19, 26, 38, 51 & 76mm
- Length 115mm
- Aluminium oxide

Precision Power Saw 235mm

- Smooth, powerful 2400W motor
- Accurate calibration scale & blade bevel trimmer
- Quick-action bevel stops at 0°, 15°, 22.5°, 30° & 45°
- Strong, die-cast aluminium baseplate
- Heavy-duty height adjustment assembly

For hand-held or table mounted use

Technical Specification	
Power	2400W (3 1/4hp)
No Load Speed	4100rpm
Blade	235mm
Blade Arbor	16 or 25mm
Bevel Adjustment	0 - 45°
Cutting Depth	0° - 82mm 45° - 58mm
Weight	8kg
Included Accessories	
Rip Fence, 40 TCT blade, Blade Spanner	

Item	Part No.	Description
801456	TRI-TSA001	Circular Saw 235mm 2400w

^ = non stocked line

SUPERJAWS

SuperJaws Portable Clamping System

- Robust, all-steel construction with powder-coated finish
- Foot-operated up to 1000kg clamping
- Reversible jaw enables clamping up to 956mm
- Extra-wide tripod base for stability
- Size: 980 x 1000 x 860mm

Quickly Folds Down for storage and transport

Urethane Jaw Facings
provide a protective, slip-resistant grip

Lock / Release Switch
allows fast, trouble-free release of the jaws

Extra-Wide Tripod Base
for all-terrain stability

Robust, All-Steel Construction
with powdercoat finish for long-lasting operations

Foot operated hands-free clamping up to 1000Kg
frees up your hands for full control of the job

Technical Specification	
Clamping Range	0 - 956mm
Clamping Force	Up to 1000kg
Clamping Method	Foot Operated
Standard Jaws	Urethane
Max. Load	100kg
Folding Time	20 seconds approx.
Folded Size	275 x 775 x 295mm
Standing Size	980 x 1000 x 860mm
Weight	16kg
Optional Accessories	
801321	SJA460 Log Jaws
801322	SJA470 Engineers Jaws
801320	SJA420 Tool Tray/Work Support

Item	Part No.	Description
801269	TRI-SJA200	SuperJaws Mk2

Log Jaws

- Strong jaws for working on logs & poles up to approx 300mm dia
- Ideal for chainsawing, drilling, fastening or carving work
- Serrated teeth prevent slippage or rolling
- Fits easily on SuperJaws in place of the standard urethane jaws
- Steel plate & zinc-plated for corrosion resistance
- Compatible with all Superjaws

Item	Part No.	Description
801321	TRI-SJA460	Log And Pole Gripping Jaws

Engineers Jaws

- Shaped for increased grip on metal bars, tubes and piping up to 50mm dia.
- Tough cast iron jaws & anvil face for heavy duty metal work
- Easy to fit & remove
- Compatible with all SuperJaws

Item	Part No.	Description
801322	TRI-SJA470	Cast Engineers Jaws

Tool Tray / Work Support

- Provides extra support for large workpieces
- Keeps tools, spare parts or other items conveniently to hand
- Robust & hardwearing
- Easy to fit & remove
- Compatible with Superjaws SJA200

Item	Part No.	Description
801320	TRI-SJA420	Tooltray Comb Side Support

Workcentre System Series 2000

- Operates in crosscut & tablesaw modes
- Reversible & adjustable aluminium fence
- Adjustable, clear guard with pressure fingers & riving knife
- Sliding push stick
- Compatible with 185mm – 235mm circular saws
- But works best with 235mm saws

Saw NOT included

40 Seconds

Switch from Table Saw to Crosscut Saw in 40 seconds!

Saw NOT included

Crosscut Saw Mode

Mitre Saw

Overhead Router
* Requires AJA150 Slide Plate

Bevel Saw

Table Saw Mode

45° Bevel Saw

Mitre Cuts

Router Table
Requires Router Table RTA300

Technical Specification	
Compatibility	Circular Saws 185 - 235mm
Cuts	Rip, mitre, 45° bevel rip, crosscut, bevel crosscut & compound mitre
Capacities	Rip: 0 - 620mm Crosscut: 0 - 500mm
Sizes	Standing: 900 x 1300 x 600mm Folded: 440 x 1000 x 350mm Table: 870 x 640mm
Weight	35kg (plus power tool)

Item	Part No.	Description
801529	TRI-WCA201	Workcentre Series 2000

^ = non stocked line

Workcentre Accessories

Overhead Mounting Kit

- Robust steel construction
- Router slide plate for overhead work
- Suits most routers for cross trenching on the Triton Workcentres
- Offers high accuracy for shelving, cabinets & built-in cupboards

Item	Part No.	Description
801182	TRI-AJA150	Router Mounting Plate

Blade Height Winder Kit

- Quick, precise blade height adjustment:
- by winder through the table slot
- by thumb wheel in crosscut mode
- Allows saw to remain at its full depth
- Compatible with Workcentre System Series 2000

Item	Part No.	Description
801563	TRI-WCA390	Height Winder Kit

Workcentre Dust Bag

- Easy-to-fit
- Detachable pouch
- Bayonet & tapered hose connectors
- Vacuum hose
- Fits all Triton Workcentres

Item	Part No.	Description
801209	TRI-DCA250	Workcentre Dust Bag

Planer Attachment Kit

- For perfectly smooth, straight faces
- Includes detachable dust collection bag
- Quick, fold-away action for fast changes between planer & saw modes
- Adjustable pressure fingers
- Separate switch box with safety shut-off
- Suits most 82mm electric planers

Power Tool NOT included

Item	Part No.	Description
801211	TRI-EPA001	Planer Attachment Kit

Bevel Ripping Guide

- Enables accurate bevels & chamfers from 15 - 90°
- Integral calibration for easy alignment
- Fully adjustable to handle long & wide workpieces
- Compatible with Triton Workcentre System 2000

Item	Part No.	Description
801194	TRI-BRA200	Bevel Ripping Guide

Mini Sliding Extension Table

- Crosscut capacity up to 600mm, rip capacity up to 1000mm
- Easy-to-read calibration scales
- Multi-position fence
- Folds for storage
- Compatible with Triton Workcentres & Saw Tables and Router Stand RSA300

Item	Part No.	Description
801214	TRI-ETA100	Mini Sliding Extension Table

Maxi Sliding Extension Table

- Cross cut capacity up to 1200mm
- Rip capacity up to 1220mm accommodates 2400 x 1200mm sheets
- Easy-to-read calibration scales
- Table can be locked in position
- Sliding Table acts as panel saw
- Compatible with Triton Workcentres

Item	Part No.	Description
801215	TRI-ETA300	Maxi Sliding Extension Table

Precision Router Table

- Versatile Router Table System
- Steel Router Mounting Plate accepts most ¼ and ½ inch routers (using the universal brackets included) but particularly suited to the Triton Routers
- Innovative fence system with Micro Adjusters, and clear Safety Gaurd / Dust extraction point
- Sliding table insert with removable protractor
- Accessory range includes Jigsaw Kit, Biscuit Joiner & Finger Jointer
- For use on Triton Workcentres & Router Stands

Technical Specification	
Table Size	540 x 690mm
Cuts	Planing, Trenching, Rebating, Moulding, Endgrain Work, Free-hand work
Weight	11kg
Included Accessories	
Planing shims, alignment tool & cutter inserts	

Item	Part No.	Description
801245	TRI-RTA300	Router Table

Safe free-hand operation when safety guard is fitted on its own to the table top
Router Not Included

Router Table shown mounted on Triton Workcentre
Router Not Included

Steel frame fence with MDF face
• faces easily replaced when worn
Router Not Included

Router Stand

- Safety on/off switch
- Adjustable leg height
- Onboard leg storage
- Folds down for easy transportation
- Compatible with all Triton Router Tables

Folds down for easy transportation and storage

Technical Specification	
Table Size	900 x 700 x 510mm
Standing Size	1055 x 990 x 690mm
Weight	11.4kg

Item	Part No.	Description
801241	TRI-RSA300	Triton Router Stand

^ = non stocked line

Router Table Accessories

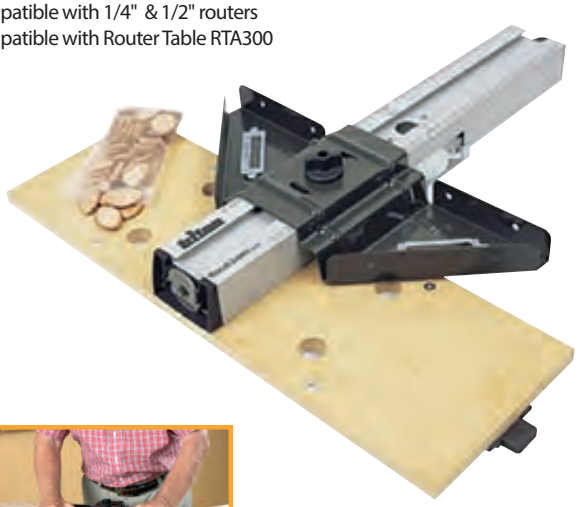
Finger Jointer

- Creates strong, accurate 1/4" & 1/2" decorative box joints ... 1/2" cutter included
- Suitable for 3 - 32mm board thickness
- Cuts several joints simultaneously
- Dust extraction port
- Compatible with Triton Router Table RTA300

Item	Part No.	Description
801216	TRI-FJA300	Finger Jointer

Biscuit Joiner

- Ideal for bevel, mitre & edge joinery
- Quick & easy to fit
- Fast, strong & invisible jointing of timber sections
- Includes TCT cutter & pack of biscuits
- Compatible with 1/4" & 1/2" routers
- Compatible with Router Table RTA300



Item	Part No.	Description
801191	TRI-BJA300	Biscuit Joiner

Jigsaw Kit

- Fast fit and removal from the Triton Router Table. Adjustable hold-down pressure for steady operation.
- Overhead blade stabiliser
- Quick-mount clamps ensure fast removal and re-fitting of the jigsaw
- Dust extraction port for easy connection to a dust collection system
- Suits most jigsaws
- Compatible with Router Table RTA300

Item	Part No.	Description
801183	TRI-AJA300	Jigsaw Kit

Dust Collection Bucket 20Ltr

- Use with Wet/Dry vacuum
- Prevents sawdust filling up or clogging vacuum cleaners
- 20Ltr capacity
- Easy to handle/empty
- Compatible with most products with dust extraction outlets
- Selection of hose and fittings to connect to vacuum

Item	Part No.	Description
801210	TRI-DCA300	Dust Collection Bucket

Plunge Track Saw 1400W and Track System

- Mode selector for quick change between free plunge, scribe and blade change modes
- Precision bevel cut adjustment
- Anti kickback safety feature prevents its saw from "jolting" when performing plunge cuts
- Guide rail track lock adds stability when performing bevel cuts
- Easily accessible shaft lock for fast blade-change
- Soft-grip handles for comfort & control
- On-board tool storage
- Universal vacuum system adaptor with 360° rotational outlet

Highly Efficient Dust Extraction
with universal adaptor & 360° outlet

Easy Access Brushes
enables brushes to be changed quickly & easily

Anti-Kickback Safety Feature
prevents the saw from kickback when performing plunge cuts

Guide Rail Track Lock
adds stability when performing bevel cuts

Precise Cutting Depth Adjustment
can be set to a maximum of 54mm

Variable Speed, Soft Start & Constant Speed Electronics
optimised for required cutting conditions for every material

Dual Alignment Cams
fine tune the fit between the saw & track for exact cuts

Dual Bevel Quadrants
provide stability for precision cutting

Fast Blade Replacement
easily accessed through the blade guard

Precision Bevel Cut
angle adjustment from 0 - 48°

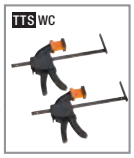
Compatible with Triton Track TTST1500
& other market-leading track systems

Close-to-wall cutting capability (15mm)
for expanded applications

Technical Specification	
Power	1400W
No Load Speed	2000 - 5300rpm
Blade	165mm dia 60TCT
Bevel Range	0 - 48°
Cutting Depth	90° - 59mm 45° - 42mm
Weight	5.5kg
Included Accessories	
60 TCT Saw Blade	

Accessories

Track Packs & Connectors



Work Clamps

Plunge Track Saw Bag

700mm Track Bag

Blade 60T

Item	Part No.	Description
801518	TRI-TTS1400P	Track Saw Pack

TRI-TTS1400P Track Saw Kit
Includes: Track Saw, Blade,
2 x 700mm tracks 2 x work clamps,
saw bag and track bag

^ = non stocked line

T12 Twin Pack 12V

Lithium technology

Removable 10mm single sleeve keyless Sanou chuck

Samsung ICR 18650 cells & intelligent charging system

1.5ah Li-Ion Battery

No memory effect & low self-discharge for maximum productivity & less downtime

3ah Li-Ion Battery

Technical Specification	
Power	12V
Drill Driver No Load Speed	0 - 400rpm Low / 0 - 1300rpm High
Impact Driver No Load Speed	0 - 2000rpm
Included Accessories	
2 x 1.5Ah Li-Ion Batteries, Battery Charger, Soft Carry Case	

Item	Part No.	Description
801350	TRI-T12TP	12v Drill / Impact Driver
801348	TRI-T12ID020	1.5ah Li-Ion Battery
801334	TRI-T12HCB	3ah Li-Ion Battery

- **TRI-T12TP -** T12 TWIN PACK 12V
- 1 X 12V Drill Driver (with removable chuck and concealed magnetic bit holder for screwdriver bits)
- 1 X 12V Impact Driver
- 1 x Intelligent fast Charger (80% charge in 30min)
- 2 x 1.5Ah Samsung batteries
- Both drills have Mabuchi RS-500 motors and precision metal gearing
- Built in LED work lights

Multi-Stand

- Swivelling & tilting head with built-in clamp & low-friction slide surfaces
- Secures work at almost any angle & supports up to 100kg
- Height adjusts from 635 - 940mm
- Extra-wide tripod base for stability
- Folds flat for easy storage

Technical Specification	
Max. Load	100kg
Height Range	635 - 940mm
Tilt Adjustment	Vertical through horizontal
Weight	6.2kg

Item	Part No.	Description
801230	TRI-MSA200	Multi Stand

Woodrack Storage System

- Provides generous storage for timber, pipes etc
- For internal or external use
- Ideal for workshops, garages, sheds, fences, walls etc.
- 12 supports provide 6 levels of storage - 50kg per level
- Robust powder-coated steel tubing

Technical Specification	
Max. Load	50kg (per level)
Depth	300mm
Height	1040mm
Tube Size (upright)	25 x 1.6mm (mild steel)
Tube Size (racks)	30 x 1.6mm (mild steel)
Weight	7.8kg

Item	Part No.	Description
801573	TRI-WRA001	Woodrack Storage System

ROSS®

Ross Brand tools and accessories are a value for money product developed for the Australian market.

The Range Includes:

Air Tools

Compressors

Battery Chargers

Generators

Welders etc.

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
AIR TOOLS				
ACCESSORIES FITTINGS & HOSES				
RAAIK14P	507075	**AIR ACCESSORY KIT 14 PIECE** This versatile air accessory & inflating kit includes: 1 x Nitto type female quick connector, 4 x Nitto type quick release male plugs, 1 x tyre inflation chuck, 2 x Nitto type quick release female plugs, 1 x tyre pressure gauge, 1 x double male union 1/4 to 1/4" BSP, 1 x double female union 1/4 to 1/4" BSP, 1 x safety nozzle, 1 x inflation needle & 1 x trigger operated blow gun.	9314539902706	
RAAIK20P	507076	**AIR ACCESSORY KIT 20 PIECE** This versatile air accessory & inflating kit includes: 1 x double female union 1/4 to 1/4" BSP, 1 x double male union 1/4 to 1/4" BSP, 2 x Nitto type quick release female plugs, 3 x Nitto type quick release male plugs, 2 x inflation needles, 1 x brass inflation nozzle, 1 x rubber inflation nozzle, 1 x roll PTFE thread tape, 1 x safety nozzle, 1 x needle adapter, 2 x Nitto type female quick connectors, 1 x trigger operated blow gun, 1 x 5m flexi-coil air hose with Nitto type quick release fittings, 1 x tyre inflation gauge & 1 x double sided tyre inflation chuck.	9314539902737	
RAFAF2P	507100	**AIR FITTING PACK 2 PIECE FEMALE (NITTO STYLE)** High-quality nitto style couplings offer superior operability and performance. 1/4" male & female threads for maximum versatilty. Includes: 2 x female plugs.	9314539902751	
RAMAF2P	507113	**AIR FITTING PACK 2 PIECE MALE (NITTO STYLE)** High-quality nitto style couplings offer superior operability and performance. 1/4" male & female threads for maximum versatilty. Includes 2 x male plugs.	9314539902744	
RAAF3P	507073	**AIR FITTING PACK 3 PIECE (NITTO STYLE)** High-quality nitto style couplings offer superior operability and performance. 1/4" male & female threads for maximum versatilty. Includes: 1 x male plug, 1 x female plug and 1 x female coupler.	9314539902782	
RAAF5P	507074	**AIR FITTING PACK 5 PIECE (NITTO STYLE)** High-quality nitto style couplings offer superior operability and performance. 1/4" male & female threads for maximum versatilty. Includes: 2 x male plugs, 2 x female plugs & 1 x female coupler.	9314539902799	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
RAECG	510666	ENGINE CLEANING GUN	9314539903079	
RADBG	507099	DUST BLOW GUN Excellent balance & manoeuvrability for rapid cleansing of dust, swarf & water.	9314539902713	
RAMAFHT1/4	507114	HOSE TAIL 1/4" 2 PACK High-quality nitto style couplings offer superior operability and performance. 1/4" male & female threads for maximum versatilty. Includes 2 x male plugs with 1/4" hose tail.	9314539902805	
RAMAFHT3/8	507115	HOSE TAIL 3/8" 2 PACK High-quality nitto style couplings offer superior operability and performance. 1/4" male & female threads for maximum versatilty. Includes 2 x male plugs with 3/8" hose tail.	9314539902812	
RAINLUB	507109	IN-LINE LUBRICATOR 1/4" For adding air tool oil to the air flow. Use with Ross air tool & nailer oil for best results.	9314539902843	
RAIGWG	507108	INFLATING GUN General purpose inflating gun with rubber protected pressure gauge and highly flexible, hard wearing rubber hose.	9314539902720	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
RAQC2P	507125	**QUICK COUPLER PACK 2 PIECE (NITTO STYLE)** High-quality nitto style couplings offer superior operability and performance. 1/4" male & female threads for maximum versatilty. Includes 2 x male couplers	9314539902768	
RAQC2PF	507126	**QUICK CONNECTOR 2 PACK FEMALE** High-quality nitto style couplings offer superior operability and performance. 1/4" male & female threads for maximum versatilty. Includes 2 x female couplers.	9314539902775	
RAQCHT1/4	507127	**QUICK CONNECT 1/4" HOSE TAIL 2 PACK** High-quality nitto style couplings offer superior operability and performance. 1/4" male & female threads for maximum versatilty. Includes 2 x couplers with 1/4" hose tail	9314539902850	
RAQCHT3/8	507128	**QUICK CONNECT 3/8" HOSE TAIL 2 PACK** High-quality nitto style couplings offer superior operability and performance. 1/4" male & female threads for maximum versatilty.2 x couplers with 3/8" hose tail	9314539902867	
RAFILREG	507101	**REGULATING FILTER 1/4"** For regulating the air flow and removing moisture. 1/4" BSP female inlet & outlet enable mounting on compressors or in the air line.	9314539902836	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
RA1410C	510911	**AIR HOSE 1/4"x10M COILED (NITTO STYLE)**	9314539903451	
RA3805	507052	**AIR HOSE 5M (NITTO STYLE)**		
RA3810	510912	**AIR HOSE 3/8" x 10M (NITTO STYLE)**	9314539903468	
RA3815	507053	**AIR HOSE 3/8" X 15M 1/4" (NITTO STYLE)** 15 Metre Air Hose 9.5mm 3/8", High Quality Nitto Style fittings Hi Vis for safety, Max. 300 PSI	9314539902065	
RA3820	510913	**AIR HOSE 3/8" x 20M (NITTO STYLE)** 20 Metre Air Hose 9.5mm 3/8", High Quality, 300 PSI Nitto Style fittings, Hi Vis for safety	931453990347	
RA3830	507056	**AIR HOSE 3/8" X 30M 1/4" (NITTO STYLE)**	9314539902072	
RA3815R	507054	**RETRACTABLE AIR HOSE REEL 3/8" X 15M 1/4" BSP** 15 Metre Retractable Air Hose Reel 9.5mm 3/8", High Quality, 300 PSI Nitto Style fittings, Hi Vis for safety	9314539902089	
RA3820R	507055	**RETRACTABLE AIR HOSE REEL 3/8" X 20M 1/4" BSP** 20 Metre Retractable Air Hose Reel 9.5mm 3/8", High Quality, 300 PSI Nitto Style fittings, Hi Vis for safety	9314539902171	
RAHV-215	507107	**AIR HOSE ON REEL 3/8" X 15M BSP FITTINGS** 15 Metre Air Hose Reel 9.5mm 3/8", High Quality, 300 PSI Nitto Style fittings, Hi Vis for safety	9314539902164	
BODY SAW				
RA909	507067	**AIR BODY SAW STANDARD DUTY** Reciprocating Air Saw. Lightweight alloy body with rubber grip. Cuts a wide range of materials. Ideal for panel shops. Trim and shape light metal plate, sheet metal and plastics. 9000 strokes per minute cutting speed.	9314539903598	
CUT OFF TOOL				
RA813A	507064	**CUT-OFF TOOL 3" STANDARD DUTY** No-Load Speed 20,000rpm Air Consumption 113L/min (4.0cfm), Cutting Wheel 76.2mm (3"), Air Exhaust Rear Weight 760g (1.67lb), Working Air Pressure 6.2bar (90psi) Air inlet 1/4' bsp , Rugged, lightweight alloy body with non-slip finish Compact and easy to handle, Adjustable Metal Safety Guard	9314539901938	
RAC823	507094	**CUT-OFF TOOL 3" HEAVY DUTY DUAL COMP** 75mm Air Cut off Tool. Strong lightweight composite body with comfort grip. Adjustable exhaust position. 4 position throttle control. 10 position adjustable metal safety guard. Quickly and efficiently cut off mufflers, tail pipes and car panels, nuts & bolts, etc. lever throttle for accurate speed control and feathering. 18000 rpm no load speed. Average air consumption 86 litres per minute. 205mm in length. 90 psi.	9314539903512	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
DIE GRINDER				
RA811A	507062	**MINI AIR DIE GRINDER STANDARD DUTY** No-Load Speed 25,000rpm, Air Consumption 80L/min (2.8cfm) Collets 6.0mm and ¼" Included, Weight 370g (.8lb) Working Air Pressure 6.2bar (90psi) Lever throttle, for accurate speed control and feathering Rear exhaust directs air away from work piece Rugged, lightweight alloy body with non slip finish	9314539901983	
RAC861	507097	**MINI AIR DIE GRINDER HEAVY DUTY DUAL COMP** Mini Air Die grinder. Lever throttle for accurate speed control and feathering. Rear exhaust directs air away from work piece. Strong lightweight composite body with comfort grip. Ideal for most applications where grinding, deburring, sanding or polishing is required. Compact design is perfect for working in tight spots. 6mm collet, 1/4" collet. No load speed 25,000 rpm. Consume 85 litres per minute of air. Only 121mm long. Requires 90 psi air pressure.	9314539903529	
RA812A	507063	**AIR DIE GRINDER STANDARD DUTY** No-Load Speed 22,000rpm, Air Consumption 114L/min (4.0cfm), Collets 6.0mm and ¼" included, Weight 570g (1.25lb) Working Air Pressure 6.2bar (90psi), Air Inlet ¼" BSP, Lever throttle for accurate speed, control and feathering Rear exhaust directs air away from work piece Rugged, lightweight alloy body with non slip finish	9314539901969	
RAC851	507095	**AIR DIE GRINDER HEAVY DUTY DUAL COMP** Air Die grinder. 4 position lever throttle for accurate speed control and feathering. Rear exhaust directs air away from work piece. Strong lightweight composite body with comfort grip. Ideal for most applications where grinding, deburring, sanding or polishing is required. Compact design is perfect for working in tight spots. 6mm collet, 1/4" collet. No load speed 25,000 rpm. Consume 85 litres per minute of air. only 121mm long. requires 90 psi air pressure.	9314539903536	
RA816	507065	**AIR ANGLE GRINDER STANDARD DUTY** Lever throttle for accurate speed control and feathering. Rear exhaust directs air away from the work piece. Rugged, lightweight alloy body with non-slip finish. Ideal for most applications where grinding, deburring, sanding or polishing is required. 6mm collet, 1/4" collet. No load speed 20,000 rpm. Consumes 112 litres per minute of air. Requires 90 psi air pressure.	9314539903604	
RAC856	507096	**AIR ANGLE GRINDER HEAVY DUTY DUAL COMP** 4 position lever throttle for accurate speed control and feathering. Rear exhaust directs air away from work piece. Strong lightweight composite body with comfort grip. Ideal for most applications where grinding, deburring, sanding or polishing is required. 6mm collet, 1/4" collet. No load speed 20,000 rpm. Consumes 85 litres per minute of air. Requires 90 psi air pressure.	9314539903543	
RA818	507066	**AIR ANGLE GRINDER 4" STANDARD DUTY** 100mm Air Angle Grinder. Rugged aluminium body, throttle safety lever, sturdy metal safety guard. 11,000 rpm no load speed. 108 litres per minute average air consumption. Front air exhaust, operating pressure 90 psi.	9314539903611	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
DRILL				
RA650	507058	**KEYLESS REVERSIBLE AIR DRILL 3/8" STANDARD DUTY** 3/8" Air Drill , No-Load Speed 1,800rpm Air Consumption 108L/min(3.8cfm), Chuck Capacity 3/8" (key less) Weight 1.1kg (2.42lb), Working Air Pressure 6.2bar (90psi) Air Inlet ¼" BSP , 10mm (3.8") keyless chuck Rugged, lightweight alloy body with non-slip finish Variable speed trigger for ultimate control Convenient one-hand operation with side mounted forward/ reverse lever, Fully hardened planetary gearing for long life		
RAC681	507088	**AIR DRILL 3/8" HEAVY DUTY DUAL COMP** Air drill, 10mm keyless chuck. Strong, lightweight composite body with comfort grip. Variable speed for ultimate control. Convenient one-handed operation with side mounted forward and reverse lever. Fully hardened planetary gears for long life. Ideal for all general drilling, honing and hole sawing work in the workshop.	9314539903550	
HAMMER				
RA502	507057	**AIR HAMMER 150MM STANDARD DUTY** Blows Per Minute 4,500bpm, Air Consumption 65L/min (2.3cfm), Chisel 10.2mm (0.401in") Shank Type Round, Air Exhaust Front , Barrel Stroke 41mm (1-5/8")	9314539901976	
RACS4P	507098	**CHISEL SET 4 PIECE 120MM** Replacement air chisel set with 4 different chisel for a variety of applications. For use with air hammer model RA502	9314539901884	
RARS2P	507129	**CHISEL RETAINER SPRING 2 PACK** Replacement spring pack (2 pce) for the replacement of broken or worn air hammer springs. To replace, simply unscrew the spring while not in operation and replace by screwing the replacement spring.	9314539901891	
IMPACT KIT				
RAK17	507110	**AIR IMPACT WRENCH KIT 1/2" 17 PIECES** 17 piece air tool kit. 230 ft/lb impact wrench, 10 metric chrome vanadium impact socket in a sturdy blow mould case. General purpose impact wrench kit ideal for home workshop and automotive applications. Kit contains1/2" impact wrench, 10 x 1/2" drive chrome vanadium sockets - sizes 10, 12, 13, 14, 15, 17, 18, 19, 21, 22. 125mm extension bar, oil pot, nitto style plug, in line oiler, 4mm hex key, blow mould case.	9314539903628	
IMPACT WRENCH				
RAC715	507089	**AIR IMPACT 3/8 DR WRENCH H/DUTY DUAL COMP** High torque capability allows fast removal of stubborn bolts and replacement of most automotive, farm and household fasteners. Powerful twin hammer mechanism for maximum output and smoothness. Strong lightweight composite body with comfort grip. High torque twin hammer mechanism. Three position power regulator prevents over-torque. Includes: 3/8" High Torque Twin Hammer Impact Wrench, Nitto style male quick release fitting. No load speed 8,000rpm. Average Air Consumption 85 L/Min. Torque 407Nm (300ft/lbs). Length 170mm. Weight 1.22kg. Air Pressure 6.2 bar (90psi). Air Inlet 1/4" BSP.	9314539903574	
RA702A	507059	**AIR IMPACT 1/2 DR WRENCH STD DUTY** 312NM 1/2" dr, No-Load Speed 7,000rpm Air Consumption 114L/min (4.0cfm) , Max Torque 312Nm (230ft-lb), Speed Settings 4, Clutch Type Rocking Dog, Weight 2.18kg (4.8lb) Working Air Pressure 6.2bar (90psi), Air Inlet ¼" BSP Compact ergonomic design for increased comfort Lightweight alloy body with non-slip finish Four position power regulator to prevent over-torque One-handed push button selects forward and reverse	9314539901914	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
RA705A	507061	**AIR IMPACT 1/2 DR WRENCH 407NM STD DUTY** 407NM 1/2" dr, Impact Wrench, HI-TORQUE AIR IMPACT WRENCH, No-Load Speed 7,000rpm, Air Consumption 93L/min (3.3cfm) Max Torque 407Nm (300ft-lb), Clutch Type Twin Hammer Weight 2.2kg (4.84lb), Working Air Pressure 6.2bar (90psi) Air Inlet ¼" BSP, Speed Settings 3 Forward - 1 Reverse • High torque twin hammer mechanism • Non-slip finish for comfort and stability • Three position power regulator prevents over-torque	9314539901921	
RAC725	507090	**AIR IMPACT 1/2 DR WRENCH H/DUTY DUAL COMP** High torque capability allows fast removal of stubborn bolts and replacement of most automotive, farm and household fasteners. Powerful twin hammer mechanism for maximum output and smoothness. Strong lightweight composite body with comfort grip. High torque twin hammer mechanism. Three position power regulator prevents over-torque. Includes: 1/2" High Torque Twin Hammer Impact Wrench, Nitto style male quick release fitting. No load speed 7,000rpm. Average Air Consumption 115 L/Min. Torque 746Nm (550ft/lbs). Length 180mm. Weight 2.1kg. Air Pressure 6.2 bar (90psi). Air Inlet 1/4" BSP.	9314539903567	
RAC735	507093	**AIR IMPACT 3/4 DR WRENCH 1356NM** 1000 FT-LB High Torque Twin Hammer Mechanism Strong Lightweight composite body with comfort grip Three position power regulator prevents over-torque High torque capability allows fast removal of stubborn bolts and replacement of most automotive, farm and household fasteners. Powerful twin hammer mechanism for maximum output and smoothness Includes: 3/4" High Torque Twin Hammer Impact Wrench, Nitto Style Male Fitting, Manual, No-Load Speed - 4,000 rpm Average Air Consumption - 153L/min Torque - 1356 Nm (1,000 ft-lb), Length - 240 mm Weight - 3.9kg, Air Pressure - 6.2 bar (90 psi) Air Inlet - 3/8" BSP	9314539903499	
NAILER OIL				
RAOT500	507124	**AIR TOOL & NAILER OIL 500ML** Ross airtool & gun oil. Suits all air tools and nail guns. Maximizes performance and life of pneumatic tools. The primary cause of repair for pneumatic tools is improper air line lubrication. Correct oil usage maximizes the performance and life of your pneumatic tools. The primary cause of repair for pneumatic tools is improper airline lubrication. Pneumatic tools require lubricated air at the right compression. Failure to provide these basic needs for your tools can result in reduced performance (speed, torque) and shorter motor life.	9314539902881	
POLISHER				
RA332	507051	**AIR POLISHER 3" 2200RPM** 75mm air polisher is ideal for use in tight work areas. It has a rugged lightweight alloy body with non slip finish. Its low speed operation is for polishing, waxing and sanding applications. Included is the air sander / polisher, 70mm disk, 3 pads, nitto style plug, 11mm wrench and instruction manual.	9314539901877	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
RATCHET				
RA703B	507060	**AIR RATCHET 3/8DR STANDARD DUTY** No-Load Speed 160rpm, Air Consumption 85L/min (3.0cfm) Max Torque 68Nm (50ft-lb), Weight 1.19kg (2.62lb) Working Air Pressure 6.2bar (90psi) Air Inlet ¼" BSP • Lighweight alloy body with non-slip finish • Heat-treated components and planetary gears for increased tool life • Ball socket nut retainer provides fast and easy socket replacement	9314539901907	
RAC733	507091	**AIR RATCHET 3/8DR HEAVY DUTY DUAL COMP** Strong lightweight composite body with comfort grip. Adjustable exhaust position. 4 Position throttle control. Heat treated components and planetary gears for increased tool life. Ball socket nut retainer provides fast and easy socket replacement. Ideal for radiator, sparkplug, fuel pump and air conditioner unit removal and replacement. Maximum torque - 102Nm. 115 litres per minute air consumption. 90 psi air pressure. 265mm overall length.	9314539903581	
RAC734	507092	**AIR RATCHET 1/2DR HEAVY DUTY DUAL COMP** Strong lightweight composite body with comfort grip. Adjustable exhaust position. 4 Position throttle control. Heat treated components and planetary gears for increased tool life. Ball socket nut retainer provides fast and easy socket replacement. Ideal for radiator, sparkplug, fuel pump and air conditioner unit removal and replacement. Maximum torque - 102Nm. 115 litres per minute air consumption. 90 psi air pressure.265mm overall length.	9314539903482	
SANDER				
RA312	507050	**AIR SANDER DUAL ACTION 6" STANDARD DUTY**	9314539901945	
RAC380	507087	**AIR SANDER HEAVY DUTY DUAL COMP**	9314539903505	
NAILERS				
RABNS	511015	**BRAD NAILER STAPLER 50MM 18 GAUGE** Soft Grip Handle, 2 in 1 Magazine - Holds Brad Nails or Staples Adjustable Depth of Drive, Adjustable Exhaust Lightweight Die Cast Body Harnessing the power and safety of compressed air. This Ross nailer stapler is suitable for picture frames, upholstery, cabinet and woodworking projects. Quality components and high-tolerance manufacturing means this tool will maintain a high level of performance for longer and will not let you down when you need it most. Nail capacity (Qty): 100 pcs Nail size: 15-50 mm (5/8"- to 2") Staples size: 15-40mm, (5/8" to 1-5/8"), 5.7mm Crown Gauge: 18 - for both nails and staples. Recommended operating pressure: 60-100 PSI (4-7 bar) Maximum pressure: 8.3 bar (120 PSI) Air inlet: Nitto style connector Dimensions: 55 x 245 x 250 mm Weight:1.5 kg	9314539903086	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
RAFN90	511016	**FRAMING NAILER 34DEG 90MM** Soft Grip Handle, Adjustable Depth of Drive Adjustable Exhaust, No Mark Bumper Lightweight Die Cast Body A well balanced nail gun with 34 degree angled magazine allows you to access all areas for fast completion of framing and other construction jobs. This Ross nail gun comes with quality components and is manufactured to high tolerances. This tool will maintain a high level of performance for longer and will not let you down when you need it most Nail capacity (Qty): 80 pcs Nail size: 50 mm (2") to 90mm (3-1/2"), 34 deg, Clipped head framing nails Recommended operating pressure: 80-110 PSI (5.5-7.5 bar) Maximum pressure: 8.3 bar (120 PSI) Air inlet: Nitto style connector Dimensions: 120 x 378 x 500 mm Weight: 4.0 kg	9314539903093	
RACSG	511017	**CROWN STAPLER 18 GAUGE 38MM** Soft Grip Handle, Front air exhaust Lightweight Die Cast Body Harnessing the power and safety of compressed air. This Ross crown stapler is suitable for picture frames, upholstery, cabinet and woodworking projects. Quality components and high-tolerance manufacturing means this tool will maintain a high level of performance for longer and will not let you down when you need it most Staple capacity (Qty): 100 pcs Staple size: 16mm (5/8") to 40mm (1-1/4"), 5.7mm Crown, 18 Gauge. Recommended operating pressure: 4-7 bar (60 -100 PSI) Maximum pressure: 8.3 bar (120 PSI) Air inlet: Nitto style connector Dimensions: 55 x 235 x 255mm Weight: 1.45 kg	9314539903109	
RANCN65	507120	**15 DEGREE COIL NAILER 65MM** 25-65mm, Lightweight alloy body with comfort grip for comfort and control gives a superb power to weight ratio Coil style magazine holds up to 300 collated nails	9314539902034	
RAFNG	511018	**FINISHING NAILER 16 GAUGE 50MM** Soft Grip Handle, Quick clear nose, Adjustable Exhaust No Mark Tip, Lightweight Die Cast Body Harnessing the power and safety of compressed air, this Ross Finishing Nailer allows you to finish your window, door, cabinet and woodworking projects efficiently and effectively. Quality components and high-tolerance manufacturing means this tool will maintain a high level of performance for longer and will not let you down when you need it most Nail capacity (Qty): 90 pcs Nail size: 20mm (3/4") to 50mm (2") 16 Gauge finishing nails Recommended operating pressure: 4-7 bar (60 -100 PSI) Maximum pressure: 8.3 bar (120 PSI) Air inlet: Nitto style connector Dimensions: 80 x 280 x 303mm Weight: 2.3 kg		

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
RATN64	511019	**T NAILER 16 GAUGE 64MM** Soft Grip Handle, Quick clear nose, Adjustable Exhaust Adjustable depth drive, Lightweight Die Cast Body Harnessing the power and safety of compressed air, this Ross Finishing Nailer allows you to finish your window, door, cabinet and woodworking projects efficiently and effectively. Quality components and high-tolerance manufacturing means this tool will maintain a high level of performance for longer and will not let you down when you need it most. Also features a tool free depth control for accurate setting and a non marking nose. Nail capacity (Qty): 100 pcs Nail size: 32mm (1-1/4") to 64mm (2-1/3"), 16 Gauge Finishing Nails Recommended operating pressure: 4-7 bar (60 -100 PSI) Maximum pressure: 8.3 bar (120 PSI) Air inlet: Nitto style connector Dimensions: 75 x 270 x 320mm Weight: 1.88 kg		
SPRAY GUN				
RAGFGP	507104	**SPRAY GUN GRAVITY FEED GENERAL PURPOSE** General purpose gravity feed spray gun. 1.5mm standard nozzle. Operating pressure 3-4 bar. Pattern width 180 - 250mm. Air consumption 119-201 litres per minute. Paint capacity 400cc. Highly engineered air cap set, nozzle and needle for atomisation. Durable nozzles & needle offer stable performance for long terms.	9314539902133	
RAGFTU	507105	**SPRAY GUN GRAVITY FEED TOUCH UP** Professional touch up gravity feed spray gun has a 0.8mm standard nozzle with an operating pressure of 3-4 bar. Pattern width is 110-160mm and air consumption of 99-169 litres per minute. Paint capacity is 150cc. HVLP spray guns for high quality finish with even flow and minimal over spray. Designed to provide equal atomisation and particle size for all kinds of surface painting.	9314539902126	
RASFGP	507167	**SPRAY GUN SUCTION FEED GENERAL PURPOSE** General purpose spray gun, suction feed with a standard 1.5mm nozzle. Operating pressure 3-4.0 bar. Pattern width 180-250mm. Air consumption 119-201 litre per minute. 750cc paint capacity. Professional style, body-shop type spray gun suitable for use with smaller compressors. High efficiency transfer from medium to high viscosity materials in a wide variety of applications.	9314539902140	
RASFPQ	507168	**SPRAY GUN SUCTION FEED PROFESSIONAL QUALITY** Professional finishing spray gun, suction feed with a standard 1.8mm nozzle. Operating pressure 3-4.0 bar. Pattern width 180-230mm. Air consumption 170-230 litre per minute. 1000cc paint capacity. High efficiency	9314539902157	
RAGFWS	507106	**SPRAY GUN SET GRAVITY FEED WITH STAND** Professional Spray Gun Kit. The Top coat gravity feed spray gun has a 1.4mm standard nozzle HVLP, operating pressure between 1-3 bar. The pattern width is 180-250mm. Air consumption is 200-250 litres per minute. Kit contains Spray Gun, Gun stand, On gun regulator, filter, spanner, socket spanner and brush.	9314539902096	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
RAGF3K	507102	**SPRAY GUN SET GRAVITY FEED 3 PIECES** 3 pce Professional Spray Gun Kit. The Top coat gravity feed spray gun has a 1.4mm standard nozzle HVLP, operating pressure between 1-3 bar. The pattern width is 180-250mm. Air consumption is 200-250 litres per minute. The primer spray gun is also gravity feed with a 1.7mm standard nozzle HVLP, operates between 1-3 bar. The pattern width is 180-250mm. Air consumption is 200-250 litres per minute. Kit contains Top coat spray gun, primer coat spray gun, On gun regulator, filter, spanner, socket spanner and brush.	9314539902119	
RAGF4K	507103	**SPRAY GUN SET GRAVITY FEED 4 PIECES** 4 pce Professional Spray Gun Kit. The Top coat gravity feed spray gun has a 1.4mm standard nozzle HVLP, operating pressure between 1-3 bar. The pattern width is 180-250mm. Air consumption is 200-250 litres per minute, paint capacity is 1000cc. The primer spray gun is also gravity feed with a 1.7mm standard nozzle HVLP, operates between 1-3 bar. The pattern width is 180-250mm. Air consumption is 200-250 litres per minute, paint capacity is 1000cc. The touch up spray gun has a 0.8mm standard nozzle with an operating pressure of 3-4 bar. Pattern width is 110-160mm and air consumption of 99-169 litres per minute. Paint capacity is 150cc. Kit contains Top coat spray gun, primer coat spray gun, touch up spray gun, on gun regulator, filter, spanner, socket spanner and brush.	9314539902102	
TOOL KITS				
RAATK5P	507078	**AIR TOOL STARTER KIT 5 PIECES**	9314539902829	
RAK34	507111	**AIR TOOL KIT 34 PIECES** General purpose air tool kit ideal for home workshop and automotive applications. Kit contains 1/2" drive impact wrench, 3/8" drive ratchet wrench, 150mm air hammer, 1/4" die grinder in blow mould case with accessories. 10 x 1/2" drive chrome vanadium sockets - sizes 10, 12, 13, 14, 15, 17, 18, 19, 21, 22. 125mm extension bar, 3/8-1/2 adaptor, 3 x 125mm round chisels, 3 x mounted point grinding stones 5 x nitto style plugs, nitto style quick coupler, oil pot, nitto style plug, in line oiler, 4mm hex key, blow mould case.	9314539903635	
RAK50	507112	**AIR TOOL KIT 50 PIECES** General purpose air tool kit ideal for home workshop and automotive applications. Kit contains 1/2" drive impact wrench, 3/8" drive ratchet wrench, 150mm air hammer in blow mould case with accessories. 10 x 1/2" drive chrome vanadium sockets - sizes 10, 12, 13, 14, 15, 17, 18, 19, 21, 22. 125mm extension bar, 3/8-1/2 adaptor, 3 x 125mm round chisels, 5 x nitto style plugs, nitto style quick coupler, swivel hose connector, air gun, 2 x sports needle plus adaptor, ball foot air chuck, tapered nozzle, high pressure nozzle, dual foot tyre gauge, screwdriver bit holder, 6 x 1/4 hex bits, oil pot, nitto style plug, in line oiler, 4mm hex key, blow mould case.	9314539903642	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
BATTERY CHARGERS				
CHARGE & JUMP START BENCH MODEL				
RBC220	**507177**	**BATTERY CHARGER 20A CHARGE/120A START** 20 amp charge - 120amp start Suit 12&24 volt batteries 20-400Ah batteries	9314539902188	
RBC400	**507180**	**BATTERY CHARGER 40A CHARGE/180A START** 40 amp charge - 180amp start Suit 12&24 volt batteries 20-400Ah batteries	9314539902195	
CHARGE & JUMP START WHEEL MOUNT				
RBC320	**507178**	**BATTERY CHARGER 30A CHARGE/180A START** 30 amp charge - 180amp start Suit 12&24 volt batteries 20-400Ah batteries	9314539902201	
RBC520	**507181**	**BATTERY CHARGER 50A CHARGE/360A START** 50 amp charge - 360amp start Suit 12&24 volt batteries 20-800Ah batteries	9314539902218	
RBC620	**507183**	**BATTERY CHARGER 60A CHARGE/540A START** 60 amp charge - 540amp start Suit 12&24 volt batteries 20-1000Ah batteries	9314539902225	
CHAINSAWS				
RGCS38CC	**507211**	**CHAINSAW PETROL 38CC 16" OREGON BAR** Petrol Chainsaw 38CC 16" Oregon Bar Air-Cooled Two Stroke Engine Automatic Chain oiler, Easy Start technology Auto choke release, Safety Chain brake Oregon bar and chain, Anti Vibration system	9314539901631	
RGCS45CC	**507213**	**CHAINSAW PETROL 45CC 18" OREGON BAR** Petrol Chainsaw 45CC 18" Oregon Bar, Air-Cooled Two Stroke Engine Automatic Chain oiler, Easy Start technology, Auto choke release, Safety Chain brake, Oregon bar and chain, Anti Vibration system	9314539901648	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
COMPRESSOR				
DIRECT DRIVE				
RAAC1.5/15	**507068**	**COMPRESSOR DIRECT DRIVE 1.5HP 15L TWIN STACK** High pressure - ideal for nailing applications Oil free - low maintenance, High pressure is ideal for nailing applications such as home fix outs. • Also ideal for tyre inflation. • Oil free compressor pump provides low maintenance and ease of transport. • Compact design with collapsible handle for ease of handling and storage. • Other features include power cord, hose and nail gun hooks, over size regulator and gauges, accessory storage compartment, rubberised wheel and anti-vibration foot pads. Input Voltage - 240 V ~ 50 Hz Power - 1.5 Hp Tank Capacity - 15 Litres Maximum Pressure - 10.7 bar (155 psi) Free Air Delivery - 76 L/Min Air Outlets - Air Outlets 2 Air Fittings - Nitto style Weight - 20.5 kg	9314539903000	
RAAC2/24	**507070**	**COMPRESSOR DIRECT DRIVE 2HP 24LTR** Free Air Delivery 115 L/Min, Regulator with Twin Outlet Cast Iron Cylinder Barrel for Longer Life, Suitable for use with 10A–240V, Standard Domestic Power Supply Manufactured to Australian Standards	9314539901761	
RAAC2.5/36	**507069**	**COMPRESSOR DIRECT DRIVE 2.5HP 36LTR** 2.5HP Motor 36 Litre Tank Free Air Delivery 134 Litres/Min Cast iron pump for longer life Manufactured to Australian Standards Suitable for use with (10A 240V) Standard domestic power supply	9314539901778	
RAV2.75/36	**507170**	**COMPRESSOR DIRECT DRIVE 2.75HP V-TWIN 36L** Free Air Delivery 205L/Min Regulator with Twin Outlet Cast Iron Cylinder Barrel for Longer Life Suitable for use with 10A–240V Standard Domestic Power Supply Manufactured to Australian Standards	9314539901754	
RAV2.75/50	**507171**	**COMPRESSOR DIRECT DRIVE 2.75HP V-TWIN 50L** Free Air Delivery 205L/Min, Regulator with Twin Outlet Cast Iron Cylinder Barrel for Longer Life Suitable for use with 10A–240V Standard Domestic Power Supply Manufactured to Australian Standards	9314539901747	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
BELT DRIVE				
RAV2051/50/2.5	507173	**BELT DRIVE COMPRESSOR V-TWIN 2.5HP 50L** Free air delivery 162 lites/min, Cast iron pump for longer life.	9314539901662	
RAV2065/50/3	507175	**BELT DRIVE COMPRESSOR V-TWIN 3HP 50L** 220 Litres/Min giving a more than adequate output for most workshop requirements	9314539901686	
RAV2051/100/2.5	507172	**BELT DRIVE COMPRESSOR V-TWIN 2.5HP 100L** Free air delivery 162 lites/min Cast iron pump for longer life.	9314539901679	
RAV2065/100/3	507174	**BELT DRIVE COMPRESSOR V-TWIN 3HP 100L** 220 Litres/Min giving a more than adequate output for most workshop requirements	9314539901693	
RABD255/50/2.5	507084	**BELT DRIVE COMPRESSOR 2.5HP 50L** 2.5HP - 50lt Belt Drive Compressor Motor 2.5HP, Tank Size 50L Free Air Delivery 167L/Min Max Pressure 9 bar (130PSI)	9314539901709	
RABD265/50/3	507086	**BELT DRIVE COMPRESSOR 3HP 50L** 3HP - 50lt Belt Drive Compressor Motor 3HP, Tank Size 50L Free Air Delivery 242L/Min Max Pressure 9 bar (130PSI)	9314539901723	
RABD255/100/2.5	507083	**BELT DRIVE COMPRESSOR 2.5HP 100L** 2.5HP - 50lt Belt Drive Compressor Motor 2.5HP, Tank Size 100L Free Air Delivery 167L/Min Max Pressure 9 bar (130 PSI)	9314539901716	
RABD265/100/3	507085	**BELT DRIVE COMPRESSOR 3HP 100L** 3HP - 100lt Belt Drive Compressor Motor 3HP, Tank Size 100L Free Air Delivery 242L/Min Max Pressure 9 bar (130PSI)	9314539901730	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
RAB2800/50/2.5	507080	**BELT DRIVE COMPRESSOR TECH 2.5HP 50L** Motor 2.5 HP , Tank Size 50 L, Pump Speed 1,250 RPM Free Air Delivery 175 L/Min Input 240 V, Fuse Rating 10 AMP Cylinders 2, Stages 1, Max Pressure 10 Bar (145 psi) Packed Dimensions H:67 cm x W:38 cm x L:87 cm weight 68kg	9314539903048	
RAB3800/50/3	507082	**BELT DRIVE COMPRESSOR TECH 3HP 50L** Motor 3 HP, Tank Size 50 L Pump Speed 1,100 RPM Free Air Delivery 270 L/Min Input 240 V, Fuse Rating 15 AMP Cylinders 2, Stages 1 Max Pressure 10 Bar (145 psi) Packed Dimensions H:73 cm x W:38 cm x L:87cm weight 76kg	9314539903024	
RAB2800/100/2.5	507079	**BELT DRIVE COMPRESSOR TECH 2.5HP 100L** Motor 2.5 HP, Tank Size 100 L Pump Speed 1,250 RPM Free Air Delivery 175 L/Min, Input 240 V Fuse Rating 10 AMP Cylinders 2, Stages 1 Max Pressure 10 Bar (145 psi) Packed Dimensions H:67 cm x W:45 cmx L 110cm weight 95kg	9314539903055	
RAB3800/100/3	507081	**BELT DRIVE COMPRESSOR TECH 3HP 100L** Motor 3 HP, Tank Size 100 L Pump Speed 1,100 RPM Free Air Delivery 270 L/Min Input 240 V, Fuse Rating 15 AMP Cylinders 2, Stages 1 Max Pressure 10 Bar (145 psi) Packed Dimensions H:88 cm x W:45 cm x L 110cm Weight 102kg	9314539903031	
PETROL				
RAAC6.5/50P	507071	**PETROL COMPRESSOR 6.5HP/50L** 6.5HP petrol engine, 50 litre tank Free Air Delivery 295 L/Min more air, more versatile. Pneumatic idle device - saves fuel, wear & tear. Semi inflatable wheels	9314539901785	
COMPRESSOR OIL				
RAOC1000	507123	**AIR COMPRESSOR OIL 1 LITRE** Ross compressor oil will provide excellent wear protection for all compressors. Suitable for piston (reciprocating) type compressors (including crankcase and cylinders). Rotary screw compressors where ISO 150 is required. Rotary Vane compressors (Hydrovane) Superior anti-wear and corrosion protection enhances compressor life and performance whilst outstanding oxidisation & thermal stability controls sludge and deposit forming. Mineral Oil > 99% ISO 150 / SAE40 Size 1 litre.	9314539902874	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
GARDEN TOOLS				
BATTERIES - SPARES				
RG-18B	507207	GARDEN SPARE BATTERY TO SUIT 18 VOLT LI-ION		
RG-21C	507208	GARDEN SPARE BATTERY CHARGER FOR 18 VOLT LI-ION		
BLOWER				
RGPB	507219	GARDEN BLOWER PETROL	9314539903406	
RGB18	507209	**CORDLESS BLOWER 18V LI-ION** powerful 18 volt motor, blower speed 160Km/h 1 hour fast charger, 18 Volt - 1.3Ah lithium-ion battery • Lightweight Design for Ease of use and storage • Soft grip rear handle for greater comfort Charger Input Voltage 220-240V ~ 50Hz Charge time 1 Hour Battery 18V - 1.3Ah Li-ion Blower Velocity 160Km/h Weight 1.2Kg	9314539903734	
HEDGE TRIMMER				
RGHT18	507214	**CORDLESS HEDGE TRIMMER 18V LI-ION** **powerful 18 volt motor** **1 hour fast charger** **Extra long 51cm cutting blade** **Dual Cutting Action reduces vibration and user fatigue** **• Makes light work of trimming hedges and shrubs.** **• Soft grip rear handle for added comfort** **Charge Input Voltage 220-240V~ 50Hz** **Battery 18V - 1.3Ah Li-ion** **Cutting movements 2800min-1** **Max Cutting Diameter 14mm** **Unit weight 2.2 Kg**	9314539903710	
RGPHT26	507223	GARDEN HEDGE TRIMMER PETROL	9314539903680	
LINE TRIMMER				
RGLT18	507216	**CORDLESS LINE TRIMMER 18V LI-ION** 18 VOLT LI-ION LINE TRIMMER powerful 18 Volt motor 1 hour fast charger, Telescopic handle, Automatic spool Adjustable auxiliary handle for improved comfort and control. • Height and angle adjust to suit all types of users and trimming. • 18 Volt - 1.3Ah lithium-ion battery Charger Rated voltage: 220-240V ~ 50Hz Charge time 1 Hour, Battery 18V - 1.3Ah Li-ion No load speed: 7500/min-1, Cutting width 250mm Line diameter 1.2 mm, Weight 2.0 kg	9314539903727	
RGLT530/S	507218	SPOOL TO SUIT RGLT530 (2 PIECE)	9314539903697	
RGPLT26	507224	**PETROL LINE TRIMMER 26CC** Easy start, Dual line bump feed Bent split shaft, Adjustable d handle Easy start system - For hassle free starting every time • Dual line bump feed - For fast and easy line extension • Curved split shaft - Great for hard to reach corners of the garden • Adjustable d handle - For added user comfort and superior control • Safety switch - For Convenience Includes: Spark plug spanner, Spool wrench, Fuel mixing container, Support strap, Instruction manual Engine - 2 Stroke Air Cooled, Displacement - 26cc Cutting Diameter - 380mm, Fuel/Oil Mix Ratio - 40:1 Fuel Capacity - 500ml, Head Type - Nylon	9314539901860	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
POST HOLE DIGGER				
RPPHA150MM	507474	**POST HOLE DIGGER 49CC 150MM** With this high-powered earth auger digging holes is a breeze. Fully tested to suit Australian conditions. Lightweight, easy to use, single person operation. Ideal applications include: fence posts, retaining walls, tree-planting, plumbing, construction, foundation stumps, and many more.	9314539901808	
RPPHA150SA	507475	**SPARE 150MM EARTH AUGER TO SUIT RPPHA150MM**		
RPPHA200MM	507476	**POST HOLE DIGGER 52CC 200MM** 200mm Post Hole Digger 52cc Spring drive system - impact damper fully tested to suit Australian conditions auger length 850mm, 2 stroke petrol air cooled Ideal applications include: fence posts, retaining walls, tree planting, plumbing, construction, foundation stumps and many more	9314539901792	
RPPHA200SA	507477	**SPARE 200MM EARTH AUGER TO SUIT RPPHA200MM**		
RPPHA150HDSA	507473	**SPARE 150MM H.DUTY EARTH AUGER TO SUIT RPPHA200MM**		
GENERATORS				
RPG2500	507403	**GENERATOR 2.5KVA RECOIL START** 2.5 Kva 6.5 Hp generator 4-Stroke petrol engine 2.5 Kva peak output Automatic voltage regulator (AVR) Up to 13 hours run time, Dual pole main switch for added safety • Two power outlets with protective flaps • Digital volt/hour meter for monitoring voltage, frequency, run time and total hours • 240 V & 12 V outputs for versatility • Ideal application includes camping, power tools, lighting etc.	9314539903277	
RPG3000RCD	507425	**GENERATOR 3KVA RECOIL START** 3.125KVA - 6.5HP GENERATOR WITH RCD POWERFUL 6 5 HP 4-STROKE PETROL ENGINE 3.125 KVA PEAK OUTPUT RESIDUAL CURRENT DEVICE (RCD) FOR ADDITIONAL ON SITE SAFETY, GENUINE SENCI ALTERNATOR • Dual pole main switch and (RCD) for added safety • Automatic Voltage Control (AVR) for output regulation • Two power outlets with protective flaps • Recoil start • Ideal for building sites	9314539903338	
RPG3500	507426	**GENERATOR 3.5KVA RECOIL START** **3.5 KVA 7.0 HP GENERATOR** **POWERFUL 7 HP 4-STROKE PETROL ENGINE** **3.5 KVA PEAK OUTPUT** **HEAVY DUTY COPPER WOUND ALTERNATOR** **AUTOMATIC VOLTAGE REGULATOR (AVR)** **Dual pole main switch for added safety** **• 240V & 12V outputs for versatility** **• Two power outlets with protective flaps** **• Digital volt/hour meter for monitoring voltage, frequency, run time and total hours** **• Ideal applications include; camping, virtually all power tools, lighting, many domestic appliances etc.**	9314539903284	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
RPG6250	507429	**GENERATOR 6.25KVA ELECTRIC START** 6.25 KVA 13 HP GENERATOR POWERFUL 13HP 4-STROKE PETROL ENGINE ELECTRIC START GENUINE SENCI COPPER WOUND ALTERNATOR 6.25KVA PEAK OUTPUT • Wheel mount for easy portability • Dual pole main switch for added safety • 240V & 12V outputs for versatility • Three power outlets with protective flaps • Digital volt/hour meter for monitoring voltage, frequency, run time and total hours	9314539903291	
RPG6250RCD	507458	**GENERATOR BUILDERS 6.25KVA-REMOTE** 6.25 KVA 13HP GENERATOR WITH RCD POWERFUL 13HP 4-STROKE ENGINE REMOTE ELECTRIC START RESIDUAL CURRENT DEVICE (RCD) FOR ADDITIONAL ON SITE SAFETY GENUINE HEAVY DUTY SENCI COPPER WOUND ALTERNATOR Wheel mount for easy portability • Dual pole main switch and (RCD) for added safety • Automatic Voltage Control (AVR) for output regulation • 230V & 12V outputs for versatility • Two IP 66 rated power outlets with protective flaps • Digital volt/hour meter for monitoring voltage, frequency, run time and total hours • Ideal for building sites	9314539903307	
RPG8000RCD	507460	**GENERATOR 8KVA RECOIL START** 8.125KVA - 15HP GENERATOR WITH RCD HEAVY DUTY WHEELS AND HANDLES CENTRE LIFTING BAR RESIDUAL CURRENT DEVICE (RCD) FOR ADDITIONAL ON SITE SAFETY, GENUINE SENCI COPPER WOUND ALTERNATOR Wheel mount for easy portability • Dual pole main switch and (RCD) for added safety • Automatic Voltage Control (AVR) for output regulation • Two 15A IP66 rated power outlets with protective flaps • Recoil start • Ideal for building site	9314539903321	
RPG8125S	507461	**GENERATOR 8.125KVA REMOTE ELECTRIC START** 8.15 KVA 15 HP SINE WAVE GENERATOR POWERFUL 15HP 4-STROKE PETROL ENGINE REMOTE ELECTRIC START GENUINE SENCI COPPER WOUND ALTERNATOR THD <5% • Low distortion sine wave output to a wider variety of applications. • Wheel mount for easy portability • Dual pole main switch for added safety • Automatic Voltage Control (AVR) for output regulation • 240V & 12V outputs for versatility • Three power outlets with protective flaps • Digital volt/hour meter for monitoring voltage, frequency, run time and total hours	9314539903314	
POWER TOOLS				
ELECTRIC				
RPAG750W	507400	**ANGLE GRINDER 115MM 750W** **General purpose electric angle grnder** 11,000 rpm ø115mm, M 14 spindle includes pin spanner and removable handle	9314539901297	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
PRESSURE WASHER				
ELECTRIC				
RPPW1600E	**507478**	**PRESSURE WASHER 240V 1600W TURBO LANCE & BRUSH** 1600W 1500PSI PRESSURE WASHER, Powerful 1600 watt Electric motor, lightweight and portable automatic shut off. Powerful jet makes light work of cleaning vehicles, caravans, boats, garden furniture, tools, machinery. • Ideal for blasting paved areas, stone and iron work. Contains: 1600W - 1500PSI pressure washer, high pressure hose/gun assembly, standard lance, turbo lance, detergent attachment, wash brush attachment. Optional Accessories: RPPWPC Patio cleaner and RPPWRB 180mm rotary brush Voltage 230 - 240V ~ 50 Hz, Rated input 1600W Pressure 1500PSI (MAX), Flow rate 5l/Min Hose length 3M, Mains Cable 5M, Weight 5.5kg	9314539903840	
RPPW2000E	**507494**	**PRESSURE WASHER 240V 2000W TURBO LANCE & BRUSH** 2000W 1950PSI PRESSURE WASHER, Powerful 2000 watt Electric motor Wheel mounted with retractable handle, built in detergent bottle, automatic shut off • Powerful jet makes light work of cleaning vehicles, caravans, boats, garden furniture, tools, machinery. • Ideal for blasting paved areas, stone and iron work. Contains: High pressure hose, gun for lance, standard lance, turbo lance, wash brush attachment. Optional Accessories: RPPWPC Patio cleaner and RPPWRB 180mm rotary brush Voltage 230 - 240V ~ 50 Hz Rated input 2000W, Pressure 1950PSI (MAX) Flow rate 5.5l/Min, Hose length 5M Mains Cable 5M, Weight 8.8kg	9314539903857	
RPPW2400EH	**507497**	**PRESSURE WASHER 240V 2400W TURBO LANCE & BRUSH** 2400W 2600PSI PRESSURE WASHER, Powerful 2400 watt induction motor Wheel mounted with retractable handle built in hose reel & detergent bottle, automatic shut off Powerful jet makes light work of cleaning vehicles, caravans, boats, garden furniture, tools, machinery. • Ideal for blasting paved areas, stone and iron work. Contains: High pressure hose and reel, gun for lance, attachment adaptor, standard lance, turbo lance, wash brush attachment. Optional Accessories: RPPWPC Patio cleaner and RPPWRB 180mm rotary brush Voltage 230 - 240V ~ 50 Hz, Rated input 2400W Pressure 2600PSI (MAX), Flow rate 6l/Min Hose length 6M, Mains Cable 5M, Weight 20kg	9314539903864	
RPPWPC	**507563**	**PATIO CLEANER TO SUIT 240V PRESSURE WASHER**	9314539903871	
RPPWRB	**507564**	**ROTARY BRUSH TO SUIT 240V PRESSURE WASHER**	9314539903888	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
PETROL				
RPPW1900	**507487**	**PETROL PRESSURE WASHER 2.6HP 1900PSI** 1900 PSI 2.6HP PRESSURE WASHER Compact and portable Powerful 2.6HP 4 Stroke motor ADJUSTABLE NOZZLE FOR Variable SPRAY PATTERNS 5m hose length High-pressure cleaners with petrol engines guarantee the highest level of flexibility and independence. • The powerful jet of water makes light work of cleaning vehicles, caravans, boats, garden furniture, tools, machinery etc. • Ideal for cleaning blocked drains, blasting paved areas, stone and iron work MOTOR Type Air cooled 4 stroke Maximum Power Output 2.6 HP @3500rpm Displacement 87cc PUMP Max Pressure 1900psi (130bar), Rated Pressure 1300psi (90bar) Rated Flow 6L/min GENERAL Hose Length 5M Nozzle Variable Pattern and Detergent mode Weight 21kg, Size 45 x 33 x 46cm	9314539903802	
RPPW2600	**507502**	**PETROL PRESSURE WASHER 5.5HP 2600PSI** 2600 PSI 5.5HP PRESSURE WASHER high pressure stainless steel lance maintenance free, heavy duty pump dual detergent dispenser bottles meets european emission standards High-pressure cleaners with petrol engines guarantee the highest level of flexibility and independence. • The powerful jet of water makes light work of cleaning vehicles, caravans, boats, garden furniture, tools, machinery etc. • Ideal for cleaning blocked drains, blasting paved areas, stone and iron work. Includes: 6 metre high pressure hose, heavy duty stainless steel lance, 5 interchangeable nozzles for different jet patterns MOTOR: Type Air cooled 4 stroke Maximum Power Output 5.5HP @3500rpm Displacement 163cc PUMP Max Pressure 2600psi (180bar), Rated Pressure 2000psi (140bar), Rated Flow 8L/min GENERAL Hose Length 6M, Nozzles 0, 15, 25, 40 Deg., Detergent Weight 37kg, Size 59 x 57 x 45cm	9314539903819	
RPPW3200	**507545**	**PETROL PRESSURE WASHER 196CC 3200PSI** High Pressure, Stainless Steel Lance Maintenance Free, Heavy Duty Pump Dual Detergent Dispenser Bottles 5 interchangeable nozzles. 6 metre hose	9314539901846	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
RPPW4200	507550	**PETROL PRESSURE WASHER 13HP 4200PSI** 4200 PSI 13HP PRESSURE WASHER stainless steel lance with 5 interchangeable nozzles 10 metre high pressure hose super heavy duty pump meets european emission standards High-pressure cleaners with petrol engines guarantee the highest level of flexibility and independence. • The powerful jet of water makes light work of cleaning vehicles, caravans, boats, garden furniture, tools, machinery etc. • Ideal for cleaning blocked drains, blasting paved areas, stone and iron work Includes: 10 metre high pressure hose, heavy duty stainless steel lance, 5 interchangeable nozzles for different jet patterns	9314539903826	
ACCESSORIES				
RPPWH5M	507562	**PETROL PRESSURE WASHER EXTENSION HOSE 5M SUITS MODELS 2600,2900,3200**	9314539903833	
WATER PUMP				
PETROL				
RPWP125	507569	**PETROL WATER PUMP 1.5HP 25MM OUTLET** 1.5HP PETROL WATER TRANSFER PUMP POWERFUL 43CC TWO STROKE PETROL ENGINE DURABLE CAST IRON IMPELLOR 25MM INLET AND OUTLETS PORTS LIGHT WEIGHT AND PORTABLE Suitable for general purpose water transfer applications Outlet Size and Inlet Size - 25mm Speed - 6500rpm, Max. Flow - 7m3/h (7000L/h) Lift H. Max. - 20m, Suction - 7m Max. Output - 1.5HP Engine Type - Single Cylinder 2-stroke Forced Air Cooling Fuel: Oil ratio - 25:1, Bore x Stroke - 40 x 34mm Displacement - 43cc, Max Power Output - 1.25kw/6500rpm Fuel Tank Capacity - 1.2L, Weight - 9.5KGS	9314539903208	
RPWP150	507584	**PETROL WATER PUMP 5.5HP 50MM OUTLET** TRANSFER PUMP POWERFUL 163CC FOUR STROKE PETROL ENGINE DURABLE CAST IRON IMPELLOR 50MM INLET AND OUTLETS PORTS HEAVY DUTY FRAME Suitable for general purpose water transfer applications Outlet Size and Inlet Size - 50mm Speed - 3600rpm Max. Flow - 26m3/h (26000L/H) Lift H. Max. - 28m, Suction - 7m Max. Output - 5.5HP Engine Type - Single Cylinder 4-stroke Forced Air Cooling OHV Bore x Stroke - 68 x 45mm, Displacement - 163cc Max Power Output - 4.0kw/3600rpm Fuel Tank Capacity - 3.6L, Weight - 26KGS	9314539903215	
RPWP240	507617	**PETROL WATER PUMP 6.5HP 40MM OUTLET** HIGH PRESSURE PETROL WATER TRANSFER PUMP POWERFUL 196CC FOUR STROKE PETROL ENGINE DOUBLE IMPELLOR - IMPRESSIVE 70 METRE LIFT 38MM INLET AND OUTLETS PORTS HEAVY DUTY PROTECTIVE FRAME • Versatile water pump suitable for general purpose water transfer, irrigation and fire fighting applications Outlet Size and Inlet Size - 38mm Speed - 3600rpm, Max. Flow - 12m3/h (12,000L/h) Lift H. Max. - 70m, Suction - 7m Max. Output - 6.5HP Engine Type - Single Cylinder 4-stroke Forced Air Cooling OHV Bore x Stroke - 68 x 54mm, Displacement - 196cc Max Power Output - 4.8kw/3600rpm Fuel Tank Capacity - 3.6L, Weight - 27.5KGS	9314539903239	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
ACCESSORIES				
RPWFFK	**507565**	**HOSE & FITTING KIT TO SUIT 40MM FIRE FIGHTING** Fire Fighting Hose Kit 5 metre heavy duty suction hose 2 x 10 metre fire hoses All hoses fitted and ready to use This kit is designed to be used in conjunction with high pressure 38mm petrol water pumps such as the ROSS RPWP240 or similar. Meets Australian Standard AS1221	9314539903192	
RPWK1	**507566**	**HOSE & FITTING KIT TO SUIT 25MM WATER PUMP** 10M x 25mm Lay Flat Hose Kit For watering and general purpose water transfer 3 metre heavy duty suction hose 10 metre lay flat hose All fitted and ready to use This kit is designed to be used in conjunction with 25mm (1" BSP) petrol water pumps such as the ROSS RPWP125 or similar. Hose nozzle can be easily removed for water transfer applications.	9314539903161	
RPWK2A	**507567**	**HOSE & FITTING KIT (OUT) TO SUIT 50MM PUMP** 20M x 50mm Lay Flat Hose Kit For general purpose water transfer Multiple hoses can be joined together if a longer hose is required, Camlock fittings for easy attachment / removal & joining. All fitted and ready to use This kit is designed to be used in conjunction with 50mm (2" BSP) petrol water pumps such as the ROSS RPWP150 & RPWP250 or similar. Includes: An additional Type "200A" Camlock to attach to the pump outlet.	9314539903178	
RPWK2B	**507568**	**HOSE & FITTING KIT (IN) TO SUIT 50MM PUMP** 5M x 50mm Suction Hose Kit Quality heavy duty reinforced PVC hose Camlock fittings for easy attachment / removal All fitted and ready to use This kit is designed to be used in conjunction with 50mm (2" BSP) petrol water pumps such as the ROSS RPWP150 & RPWP250 or similar. Includes: Heavy duty industry standard Camlock quick release fittings for easy attachment and removal. Polypropylene strainer (fitted) and an additional Type "200A" Camlock to attach to the pump inlet.	9314539903185	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
WELDER				
ARC MACHINE				
RXT140P	511119	**ARC WELDER 140AMP** 140amp welding power - welds up to 6mm thick. Turbo fan cooled Domestic power supply, - uses standard 10amp power point. Accessories included: welding mask, chipping hammer/wire brush, electrode holder, earth clamp with cable & welding electrodes.	9314539017004	
RXT170P	507756	**ARC WELDER FAN COOLED 170AMP** Fan Cooled Arc Welder, Input Power 230 AC Frequency 50Hz , Rated No-load Voltage 48V AC Effective Input Current 12.5 Amps, Rated Duty Cycle 10% Output current (49— 156) 170A peak, Insulation Grade H Cooling Type Fan Cooled, Case Protection Class IP21S (Not suitable for use in rain), External Dimension: L x W x H 37cm x 17cm x 27cm, Weight kg 19.9kg	9314539901549	
ARC CONSUMABLES				
RXC1008	507717	**MILD STEEL ELECTRODE 2.0MM HANG PACK (10)** General purpose 2.00mm mild steel electrodes in handy pack of 10	9314539902386	
RXC1009	507718	**MILD STEEL ELECTRODE 2.5MM HANG PACK (10)** General purpose 2.5mm mild steel electrodes in handy pack of 10	9314539902393	
RXC1010	507719	**MILD STEEL ELECTRODE 3.2MM HANG PACK (10)** General purpose 3.25mm mild steel electrodes in handy pack of 10	9314539902409	
RXC1020	507729	**MILD STEEL GP ELECTRODE 2.5MM TRADE PACK (2.5KG)** General purpose 2.5mm mild steel electrodes in 2.5Kg Tradepack	9314539902508	
RXC1021	507730	**MILD STEEL GP ELECTRODE 3.2MM TRADE PACK (2.5KG)** General purpose 3.25mm mild steel electrodes in 2.5Kg Tradepack	9314539902515	
INVERTER WELDER				
RXT135E	507750	**INVERTER WELDER 135AMP** 35 Amp Inverter Welder , Electronic welder for Arc & Tig Max current 135amps, Rated duty cycle: 10% @135amps Complete with arc leads, 240v (10amp), Hot Start – easier to strike arc , Anti stick – Shuts down if electrode sticks, Arc force – current auto increase if arc length is too short	9314539901419	
RXT150E	507752	**INVERTER WELDER 150AMP** 150 Amp Inverter Welder, Electronic welder for Arc & Tig Max current 150amps, Rated duty cycle: 10% @140amps Complete with arc leads in blow mould case , 240v (10amp) Hot Start – easier to strike arc , Anti stick – Shuts down if electrode sticks, Arc force – current auto increase if arc length is too short	9314539901464	
RXT180E	507792	**INVERTER WELDER 180AMP** 180 Amp Inverter Welder, Welds up to 9mm mild steel, Turbo fan cooled - longer welding period, Thermal overload protection - automatically cuts out to prevent overheating. Includes - 4 metre welding cable set with electrode holder and 3 metre earth clamp with lead, Complete with arc leads in blow mould case, Hot Start – easier to strike arc, Anti stick – Shuts down if electrode sticks. Arc force – current auto increase if arc length is too short. Tig Accessories optional extra	9314539901495	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
MULTIFUNCTION				
RXT180ACDC	507772	**AC/DC TIG/STICK WELDER 180AMP** 180 AMP AC/DC TIG/MMA AC/DC 180 amp tig & arc welds aluminium, stainless & alloy steels digital display for precision Pulse for extra thin metals • HF Start - easy tig start. • Adjustable: pre and post gas, slope, pulse, frequency, balance and arc force. • 2 Touch and 4 Touch trigger function. • Turbo fan cooled. Includes: TIG torch WP-26-5m, 3m earth cable with earth clamp, 4m gas hose, Gas regulator. All purpose TIG welder suitable for welding; carbon - alloy - stainless - steels and aluminium alloys	9314539901372	
RXT200EX	507793	**INVERTER WELDER 200AMP MIG/TIG/STICK** 200 AMP MIG/TIG/ARC WELDER 3 in 1 MIG-TIG-ARC SYNERGIC controlled 200A mig, Gas / GASLESS OPERATION VRD for additional safety IGBT inverter multi- function portable welder (MIG/TIG/ARC) • Digital display for precision • Heavy duty Euro torch. • Turbo fan cooled - increased duty cycle - A general purpose welder that fill the needs of most workshops. It also features short circuit, over/under voltage protection, 2 Touch/4 Touch trigger operation, spot timer, Includes: 2m grounding cable with earth clamp, 3m North QTB-160A MIG torch, Gas Regulator, Gas hose. Electrode holder and lead for arc welding sold separately	9314539901365	
MIG MACHINE				
RXT100P	507749	**GASLESS MIG WELDER 100AMP** 100 AMP Mig Welder, 100 amp welding power - welds up to 5mm mild steel Turbo fan cooled - longer period of welding Domestic power supply - uses standard 10amp power point Suitable for use with mini reels & 4.5kg reels of wire Trigger activated torch - only live when welding, for precision & safety, Heavy duty torch with larger (M6 thread) contact tips and shroud, Gasless mig welding - easy to use indoors & outdoors. Thermal overload protection - automatically cuts out to prevent overheating. Ready to weld - accessories included: welding mask, wire, chipping hammer/wire brush, torch & earth clamp with cable	9314539901457	
RXT150P	507754	**GAS/GASLESS MIG WELDER 150AMP** 150 Amp Gas / Gasless, Mig Welder 150 amp welding power - welds up to 6mm mild steel. Turbo fan cooled - longer period of welding. Domestic power supply - uses standard 10amp power point. Heavy duty torch with larger (M6 thread) contact tips and shroud. Trigger activated torch - only live when welding, for precision & safety. Dual purpose mig welding - gas & gasless operation. Thermal overload protection - automatically cuts out to prevent overheating Ready to weld (gasless mode only) - accessories included: welding mask, wire, chipping hammer/wire brush, torch, earth clamp with cable & regulator for disposable gas bottle. Disposable gas bottle available as optional extra.	9314539901471	
RXT175P	507771	**GAS/GASLESS MIG WELDER 175AMP** 175 Amp Gas / Gasless, Mig Welder, 175 Amp Gas / Gasless Mig Welder. Welds up to 8mm mild steel, 6 output settings Wire sizes: Flux core 0.8 - 0.9mm, Solid 0.6 - 0.8mm Domestic power supply - uses 15amp power point	9314539901488	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
RXT175ET	507757	**MIG WELDER 175AMP WITH EURO TORCH** 175AMP MIG WITH EURO TORCH 175 amp WELDING POWER Welds up to 8mm mild steel, Gas / Gasless Operation heavy duty EURO TORCH, Heavy duty steel construction • Turbo fan cooled • Ready to weld (in gasless mode only) Includes: 2m grounding cable with earth clamp, 3m North QTB-160A MIG torch, Gas Regulator, Gas hose and starting rolls of gas and gasless welding wire	9314539901396	
RXT250EX	507809	**WHEEL MOUNTED INVERTER MIG/MMA 250AMP** 250 AMP INVERTER MIG/ARC WELDER Single phase INVERTER 250A mig & 225A arc Gas / GASLESS OPERATION VRD for additional safety heavy duty type 24 euro torch IGBT inverter multi- function welder (MIG/ARC). • Built-in tool storage draw. • Euro torch. • Turbo fan cooled. - A general purpose welder that fill the needs of most workshops. It also features short circuit, over/under voltage protection, 2 Touch /4 Touch trigger operation, arc and burn-back controls Includes: 3m grounding cable with earth clamp 3m North N24-3 MIG torch, Gas Regulator, Gas hose Electrode holder and lead for arc welding sold separately	9314539901358	
MIG CONSUMABLES				
RXC1028	507739	**ALUMINIUM WELDING WIRE 0.8MM DIA. 0.5KG** For use in MIG welding aluminium together with a shielding gas.	9314539902584	
RXC1002	507712	**CONTACT TIPS M6 0.6MM (PACK OF 5)** For use with the larger M6 shroud & tips as fitted to NuWeld & Ross mig welders.	9314539902324	
RXC1001	507711	**CONTACT TIPS M6 0.8MM (PACK OF 5)** For use with the larger M6 shroud & tips as fitted to NuWeld & Ross mig welders.	9314539902317	
RXC1000	507710	**CONTACT TIPS M6 0.9MM (PACK OF 5)** For use with the larger M6 shroud & tips as fitted to NuWeld & Ross mig welders.	9314539902300	
RXC1017	507726	**CONTACT TIPS M5 0.6MM (PACK OF 5)** For use with the smaller M5 shroud & tip, eg SIP portable mig welders	9314539902478	
RXC1018	507727	**CONTACT TIPS M5 0.8MM (PACK OF 5)** For use with the smaller M5 shroud & tip, eg SIP portable mig welders	9314539902485	
RXC1019	507728	**CONVERSION KIT 1 (REG.ASSY.FOR DISP.BOT)** Enables mig welders that are designed for use with larger rented bottles to be used with disposable bottles. Kit includes: large bottle regulator, hose, pipe adapters & hose clips.	9314539902492	
RXC1014	507723	**FLUX CORED MIG WIRE 0.8MM X 0.45KG** For use with 'gasless MIGS' or dual purpose MIGS in gasless mode.	9314539902447	
RXC1015	507724	**FLUX CORED MIG WIRE 0.8MM X 0.9KG** For use with 'gasless MIGS' or dual purpose MIGS in gasless mode.	9314539902454	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
RXC1027	507738	**FLUX CORED MIG WIRE 0.8MM X 4.5KG** For use with 'gasless MIGS' or dual purpose MIGS in gasless mode.	9314539902577	
RXC1006	507715	**MILD STEEL MIG WIRE 0.6MM X 5KG** For use in MIG welding together with a shielding gas.	9314539902362	
RXC1007	507716	**MILD STEEL MIG WIRE 0.8MM X 5KG** For use in MIG welding together with a shielding gas.	9314539902379	
RXC1012	507721	**MILD STEEL MIG WIRE 0.6MM X 0.7KG** For use in MIG welding together with a shielding gas.	9314539902423	
RXC1013	507722	**MILD STEEL MIG WIRE 0.8MM X 0.7KG** For use in MIG welding together with a shielding gas.	9314539902430	
RXC1016	507725	**SHROUD - STANDARD M5 (PACK OF 2)** For use with the smaller M5 shroud & tip, eg SIP portable mig welders	9314539902461	
RXC1029	507740	**STAINLESS STEEL WELDING WIRE 308 0.8MM X 0.7KG** For use in MIG welding stainless steel together with a shielding gas.	9314539902591	
RXC1004	507713	**STANDARD CONICAL SHROUD (PACK OF 2)** For use with the larger M6 shroud & tips as fitted to NuWeld & Ross mig welders.	9314539902348	
RXC1005	507714	**TORCH LINER** Suitable for Ross portable mig welders	9314539902355	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
MIG ACCESSORIES				
RXC1023	507731	**CONVERSION KIT 3 (PORT MIG TO LARGE BOTTLE)** Enables mig welders that are designed for use with disposable bottles to be used with larger rented bottles. Kit includes: disposable bottle regulator, hose, pipe adapters & hose clips.	9314539902539	
RXC1024	507732	**GAS CYLINDER DISPOSABLE CO2** For convenience & economy Ross disposable gas bottles are a must. Co2 for general purpose mild steel welding where economy takes preference over the actual finish of the weld	9314539902546	
RXC1025	507734	**GAS CYLINDER DISPOSABLE ARGON/CO2** For convenience & economy Ross disposable gas bottles are a must. Argon/Co2 mixture - the technically preferred gas for mild steel welding with a smoother finish.	9314539902553	
RXC1026	507736	**GAS CYLINDER DISPOSABLE ARGON** For convenience & economy Ross disposable gas bottles are a must. Pure Argon gas - suitable for MIG welding aluminium and for TIG welding.	9314539902560	
RXC1024B	507733	**GAS CYLINDER DISPOSABLE CO2 (BOX OF 12)** For convenience & economy Ross disposable gas bottles are a must. Co2 for general purpose mild steel welding where economy takes preference over the actual finish of the weld (BULK PACK)	8004897145464	 12 Per Box
RXC1025B	507735	**GAS CYLINDER DISPOSABLE ARGON/CO2 (12)** For convenience & economy Ross disposable gas bottles are a must. Argon/Co2 mixture - the technically preferred gas for mild steel welding with a smoother finish. (BULK PACK)	8004897145501	
RXC1026B	507737	**GAS CYLINDER DISPOSABLE ARGON (BOX OF 12)** For convenience & economy Ross disposable gas bottles are a must. Pure Argon gas - suitable for MIG welding aluminium and for TIG welding. (BULK PACK)	8004897145518	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
PLASMA CUTTER				
RXT40EP	507829	**PLASMA CUTTER 40AMP** 40 AMP PLASMA CUTTER 15mm max mild steel cut 20-40 Amp current range hf start - easy strike turbo fan cooled - improved duty cycle Includes: 4m PT31 torch, 3m earth cable and clamp, air hose and regulator	9314539901389	
RXT40EP/T4	507847	TIP FOR PLASMA CUTTING TORCH (4PK)	9314539902294	
RXT40EP/T3	507846	ELECTRODE FOR PLASMA CUTTING TORCH (2PK)	9314539902287	
RXT40EP/T2	507845	SWIRL RING FOR PLASMA CUTTING TORCH(2PK)	9314539902270	
RXT40EP/T1	507844	CUP FOR PLASMA CUTTING TORCH RXT40EP-2PK	9314539902263	
RXT40EP/43	507842	PLASMA TORCH PT-31		
WELDING ACCESSORIES				
RXC1011	507720	**BRASS REGULATOR FOR DISPOSABLE BOTTLE** The regulator is of sturdy brass construction which simply screws to the top of a disposable gas bottle. A quick release fitting is designed for quick and easy connection to the welders gas pipe. A control know allows the adjustment of gas flow.	9314539902416	
RXCART	507741	**WELDING CART** Heavy Duty steel construction with rugged powder coat finish Solid mobile design - ideal for workshop use 252mm x 435mm top shelf suits most portable ARC, MIG, and TIG welders	9314539901440	
RXTIGTORCH	507849	**INVERTER TIG TORCH 9V + DISPOSABLE BOTTLE REGULATOR** Suitable for use with inverter welders fitted with dinse plug lead connections, eg Ross RXT135E, RXT150E, RXT160VRD & RXT180E. Includes: 9V TIG torch with leads & regulator for use with disposable bottle.	9314539901587	
RXWAG	507851	**WELDING APRON & GLOVE SET** Quality leather construction provides the required protection against sparks & weld spatter.	9314539901433	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
WELDING HELMETS				
RXH100F	**507742**	**AUTO WELDING HELMET SHADE 11, ROSS** Automatic Welding Helmet Fixed Lens Fixed shade 11, Switching time: Light- dark 1/1250 sec. UV/IR Protection, Full Face and neck protection Solar powered with	9314539901501	
RXH300S	**507745**	**AUTO WELDING HELMET VARIABLE SHADE, ROSS** Automatic Welding Helmet Variable Shade Variable shade - 9-13, Switching time: Light- dark 0.6ms UV/IR Protection, Full Face and neck protection, Solar powered with battery backup Auto power off after 15 minutes Viewing area 90mm x 40mm, Delay & Sensitivity, Adjustment	9314539901525	
RXH300SK	**507747**	**AUTO WELDING HELMET VARIABLE SHADE KEVLAR FINISH** Automatic Welding Helmet Variable Shade Variable shade - 9-13, Switching time: Light- dark 0.6ms UV/IR Protection, Full Face and neck protection Solar powered	9314539901563	
RXHH	**507748**	**HEAD HARNESS TO SUIT RX WELDING HELMETS** The head harness is suitable for all Ross automatic welding helmets. Easy to fit, Remove mounting screws and dispose of old harness replace with new harness and retighten screws.		
RXHOL	**506873**	OUTER LENS T/S RXH100F & RXH300S (5PACK)	9314539017486	
RXHIL1	**506871**	INNER LENS COVER TO SUIT RXH100F 92X42MM PK5	9314539017493	
RXHIL2	**506872**	INNER LENS COVER TO SUIT RXH300S 94X45MM PK5	9314539017516	

POWER TOOLS

BRAND OVERVIEW

With over 20 years in the industrial power tool market, Evolution have established a well-earned reputation and are recognised worldwide as a market leader within the steel and fabrication industry.

ADVANCED TCT TECHNOLOGY

Moving on from their specialist background in steel dry cutting technology, Evolution are now one of the fastest growing power tool brands in the world. Thriving on the success of a range of TCT Multipurpose Saws which cut Steel, Aluminium and Wood, along with many other exciting innovations.

EVOLUTION STEEL®

Industrially rated tools. These are saws which are designed and specified for cutting steel on a full time basis. Specific blades available for cutting Stainless Steel, Aluminium and Wood

EVOLUTION BUILD®

Professional standard machines, rivalling current wood cutting saws in the marketplace. However, these are truly multipurpose saws; cutting mild Steel, Aluminium and Wood with the same blade!

INNOVATION, NOT IMITATION

EVOLUTION 12 MONTH GUARANTEE

12 Month Warranty extends to Evolution machines ONLY. Blades are not covered by warranty. Evolution machines should be used with evolution blades only and we do not recommend the use of Evolution blades with other machines.

PART NO.	ITEM	DESCRIPTION	BARCODE
EVOLUTION POWER TOOLS			
STEEL RANGE			
EVO-EXTREME230-P	**702762**	**XTREME - 230mm TCT STEEL CIRCULAR Saw - no blade**	
EVO-EXTREME230	**702761**	**XTREME - 230mm TCT STEEL CIRCULAR Saw - Supplied with Steel Blade**	

This powerful Steel cutting circular saw tackles even the most demanding of tasks with incredible cutting capabilities through tough applications. The powerful 1750W motor allows the machine to breeze through mild Steel without heat build-up, burrs or the use of coolant. Features include a useful laser guide to assist with accurate cutting and the bevel tilt enhances the versatility of the saw. Cut Aluminium, Stainless Steel and Wood with the correct, specialist blade attached. The XTREME is powerful and strong, yet compact and portable. Steel blade can cut up to 80m of 6mm Mild Steel*.

SUPPLIED WITH
Carrying Case, 230mm Steel Cutting Blade, Side Handle, Wrench, Fence Guide, Safety Goggles, Two Batteries, Ear Plugs

TECHNICAL SPECIFICATIONS
Motor: 1750W
Maximum Box Cutting
Capacity 90º (6mm Wall): 84mm
Maximum Box Cutting
Capacity 45º (6mm Wall): 53mm
Maximum Cutting Depth (Mild Steel Plate): 12mm
Recommended Maximum duty cycle: 30min
Speed: 2700RPM
Weight: 9kg
* Evolution Power Tools internal test data

PART NO.	ITEM	BLADE	DIA.	ARBOR	KERF	TEETH	MRPM	BARCODE
EVO-BLADE230-ST	**702748**	Steel	230mm	25.4mm	2mm	48	2700	849713000453
EVO-BLADE230-SS	**702747**	Stainless Steel	230mm	25.4mm	1.8mm	60	2700	849713000477
EVO-BLADE230-AL	**702746**	Aluminium	230mm	25.4mm	2.4mm	80	2700	849713000460

EVO-RAPTOR355-P	**702855**	**RAPTOR - 355mm TCT STEEL CHOP Saw - no blade**	
EVO-RAPTOR355	**702854**	**RAPTOR - 355mm TCT STEEL CHOP Saw - Supplied with Steel Blade**	

This incredible chop saw slices through mild steel with ease, producing no heat or burrs, leaving an instantly workable finish. It cuts Steel, Aluminium and Stainless Steel quickly, cleanly and without coolant. Utilising a powerful 2200W motor, the RAPTOR can handle even the most demanding on-site jobs. The cutting capacity is incredible too - 120x120mm Steel box section with a 6mm wall thickness. This no-nonsense machine is economical in its performance as well, typically a RAPTOR blade averages a jaw-dropping 1000 cuts in 50x50mm mild Steel with a wall thickness of 3mm*. The amazing RAPTOR is a true power house and gives the user tremendous ability when it comes to cutting Steel.

SUPPLIED WITH
355mm TCT Steel Cutting Blade, Jig Plate, Safety Guard, Hex Wrench, Safety Goggles, Ear Plugs

TECHNICAL SPECIFICATIONS
Motor: 2200W
Maximum Box Section
(6mm Wall) 90º: 120x120mm
Maximum Square (6mm Wall 45º): 89x89mm
Rectangle (6mm Wall 90º): 95x180mm
Rectangle (6mm Wall 45º): 78x110mm
Recommended Maximum duty cycle: 30min
Speed: 1450RPM
Weight: 23kg
* Evolution Power Tools internal test data

PART NO.	ITEM	BLADE	DIA.	ARBOR	KERF	TEETH	MRPM	BARCODE
EVO-BLADE355/66-ST	**702752**	Steel	355mm	25.4mm	2.4mm	66	1500	849713000507
EVO-BLADE355/90-SS	**702754**	Stainless Steel	355mm	25.4mm	2.4mm	90	1500	849713000521
EVO-BLADE355/80-AL	**702753**	Aluminium	355mm	25.4mm	2.4mm	80	1500	849713000514
EVO-BLADE355-DMND	**702755**	Diamond Masonry	355mm	25.4mm	2.4mm	N/A	4400	849713011640

PART NO.	ITEM	DESCRIPTION	BARCODE
EVO-MD42	702805	**42mm MAGNETIC DRILL**	0849713033307

Versatile, accurate and fast, with strong magnetic adhesion (1300kg f), the EVO-MD42 is an essential tool when performing heavy duty industrial and steel fabrication work. The cuts are precise and clean due to an optimised rotation speed (450rpm) and all popular broaching capacities are covered (12-42mm). Adjustable head system allows twist drills to be used to full capacity. Integrated Cooling System.

SUPPLIED WITH
Oil Coolant System, Hex Keys 2, 3, 4mm,
3 Handles, I Shipping Guard,
Safety Strap

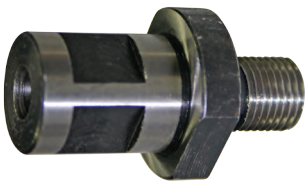
TECHNICAL SPECIFICATIONS
Motor: 1200W
Maximum Cutter Dia: 42mm
Maximum Cutting Depth: 50mm
Recommended Maximum duty cycle: 30min
Sound Pressure level (under load): 90dB (A)
Weight: 10.9kg
Coolant: Suitable for use with Water Soluble Non Fume Coolant
Cutter Retainer Internal Diameter: 19mm Weldon Shank

PART NO.	ITEM	DESCRIPTION	BARCODE
EVO-CUTTERKIT/S	702759	**SHORT SERIES 25mm CUTTER SET**	0849713054111

6 Piece 25mm depth cutter kit - Weldon Shank
Includes 12, 14, 16, 18, 20 & 22mm cutters, pilot pin and case

PART NO.	ITEM	DESCRIPTION	BARCODE
EVO-HTA47	702804	**CHUCK ADAPTOR ½" UNF THREAD**	

Required for using drill chuck with magnetic drill



PART NO.	ITEM	DESCRIPTION	BARCODE
EVO-CYCLONE	702760	**CYCLONE SWARF COLLECTOR**	0849713000408

Fabricating in Steel can be a messy business, Evolution have the perfect tool to quickly clean up your metal shavings and scrap pieces. Simply wave the Magnetic Stick over the metal shavings to pick them up, carry them over to your scrap barrel, pull the plunger and the shavings are neatly deposited. The Cyclone's magnet is strong enough to quickly clean up your biggest mess of metal shavings.

PART NO.	ITEM	DESCRIPTION	BARCODE
BUILD RANGE - MULTIPURPOSE SAWS			
EVO-RAGE	**702847**	**RAGE - 185mm TCT Multipurpose Circular Saw**	849713009920

A ground breaking circular saw featuring RAGE® technology (patent pending) it easily cuts mild Steel, Aluminium, Wood (even Wood with nails), & Plastics with one blade. The cut is fast, clean, with virtually no burrs or sparks. When cutting mild Steel, the RAGE cuts cold, no coolant is required, and because the material is cold it can be handled and worked on immediately. A combination of hi-torque motor and gearbox, heavy duty construction and ultra high grade TCT blade enables this saw to cut materials which simply weren't possible before. When cutting tough materials, the blade life isn't sacrificed. A blade can cut up to 50m of 6mm mild steel* before a replacement is required. This is a truly innovative product breaking new ground in the power tool market.

SUPPLIED WITH
RAGE Multipurpose TCT Blade,
Fence Guide, Carrying Case,
Wrench, Safety Goggles, Ear Plugs

TECHNICAL SPECIFICATIONS
Motor: 1050W
Weight: 6.5kg
Speed (No Load): 3500RPM
Max Box Section (3mm Wall 90º): 55mm
Max Box Section (3mm Wall 45º): 35mm
Max Cutting Thickness (Mild Steel Plate): 6mm
Max Cutting Thickness (Wood 90º): 55mm
Max Cutting Thickness (Wood 45º): 35mm
Recommended Maximum duty cycle: 30min
* Evolution Power Tools internal test data

PART NO.	ITEM	BLADE	DIA.	ARBOR	KERF	TEETH	MRPM	BARCODE
EVO-BLADE-RAGE185M	**702758**	Multipurpose	185mm	20mm	2mm	20	3500	849713009883
EVO-BLADE185-DMND	**702743**	Diamond Masonry	185mm	20mm	2.5mm	N/A	8000	849713011589

EVO-RAGE2	**702848**	**RAGE - 355mm TCT Multipurpose CHOP Saw**	849713011251

Continuously outperforms traditional abrasive Chop Saws, offering increased Economy, advanced guarding, no loss of cutting depth and multipurpose cutting. This is the next generation of Chop Saw. Featuring RAGE® technology, utilising a TCT blade rather than an abrasive wheel, this incredible machine has the ability to cut mild Steel, Aluminium & Wood with a single blade. The cut is fast, clean with no burr & virtually no sparks.
When cutting mild steel, the RAGE2 cuts cold, no coolant is required, and because the material is cold it can be handled and worked on immediately.
The impressive performance is economical too, offering up to 750 cuts in 50mm mild Steel box section*, before a replacement blade is needed.

SUPPLIED WITH
RAGE2 Multipurpose TCT Blade, V-Jaw for Pipe Cutting,
Hex Wrench, Safety Goggles, Ear Plugs

TECHNICAL SPECIFICATIONS
Motor: 2000W
Speed (No Load): 1450RPM
Box Section (6mm Wall 90º): 120mm
Rectangle (6mm Wall 90º): 95x180mm
Round (6mm Wall 90º): 130mm
Recommended Maximum duty cycle: 30min
Weight: 25.1kg

* Evolution Power Tools internal test data

PART NO.	ITEM	BLADE	DIA.	ARBOR	KERF	TEETH	MRPM	BARCODE
EVO-BLADE355M	**702756**	Multipurpose	355mm	25.4mm	2.4mm	36	1450	849713011268
EVO-BLADE355-DMND	**702755**	Diamond Masonry	355mm	25.4mm	2.4mm	N/A	4400	849713011640

PART NO.	ITEM	DESCRIPTION	BARCODE
EVO-RAGE3	**702849**	**RAGE - 255mm TCT Multipurpose SLIDING MITRE Saw**	849713011343

The world's first truly multipurpose Mitre Saw which cuts mild Steel, Aluminium & Wood (even Wood with nails), with the same blade. This machine is an essential addition to any workshop. Like other machines utilising RAGE® technology, when cutting mild Steel the cut is fast and clean with virtually no burrs or sparks. There is no heat build up, the material is cool to the touch and can be handled right away. The RAGE3 is revolutionary in design as well as function, it features a unique in-line handle and trigger switch, enabling right or left handed use. The RAGE3 will cut a compound mitre through mild Steel box section! Rage blade system will produce up to 250 cuts per blade in 50mm Mild Steel box section*, before a replacement blade is required.

SUPPLIED WITH
RAGE3 Multipurpose TCT Blade,
Twin Clamp Work Holding System, Dust Bag,
Wrench, Safety Goggles, Ear Plugs

TECHNICAL SPECIFICATIONS
Motor: 2000W (Soft Start)
Maximum Depth of Cut (90º Bevel): 75mm
Maximum Width Cut (90º Mitre): 300mm
Recommended Maximum duty cycle: 30min
Speed (No Load): 2500RPM
Weight: 21kg

* Evolution Power Tools internal test data

PART NO.	ITEM	BLADE	DIA.	ARBOR	KERF	TEETH	MRPM	BARCODE
EVO-BLADE255M	**702751**	Multipurpose	255mm	25.4mm	2mm	28	2500	849713011374
EVO-BLADE255-DMND	**702750**	Diamond Tile	255mm	25.4mm	2mm	N/A	4400	849713011619

PART NO.	ITEM	DESCRIPTION	BARCODE
EVO-RAGE3DB	**702850**	**RAGE - 255mm TCT Multipurpose SLIDING MITRE DOUBLE BEVEL Saw**	849713028136

The world's first truly multipurpose Mitre Saw which cuts mild Steel, Aluminium & Wood (even Wood with nails), with the same blade. This machine is an essential addition to any workshop. Like other machines utilising RAGE® technology, when cutting mild Steel the cut is fast and clean with virtually no burrs or sparks. There is no heat build up, the material is cool to the touch and can be handled right away. The RAGE3 is revolutionary in design as well as function, it features a unique in-line handle and trigger switch, enabling right or left handed use. The RAGE3 will cut a compound mitre through mild Steel box section! Rage blade system will produce up to 250 cuts per blade in 50mm Mild Steel box section*, before a replacement blade is required.

SUPPLIED WITH
RAGE3 Multipurpose TCT Blade,
Twin Clamp Work Holding System, Dust Bag,
Wrench, Safety Goggles, Ear Plugs

TECHNICAL SPECIFICATIONS
Motor: 2000W (Soft Start)
Maximum Depth of Cut (90º Bevel): 75mm
Maximum Width Cut (90º Mitre): 300mm
Recommended Maximum duty cycle: 30min
Speed (No Load): 2500RPM
Weight: 21kg

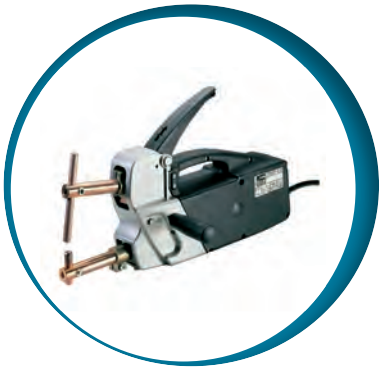
* Evolution Power Tools internal test data

PART NO.	ITEM	BLADE	DIA.	ARBOR	KERF	TEETH	MRPM	BARCODE
EVO-BLADE255M	**702751**	Multipurpose	255mm	25.4mm	2mm	28	2500	849713011374
EVO-BLADE255-DMND	**702750**	Diamond Tile	255mm	25.4mm	2mm	N/A	4400	849713011619

RAGE3®
eVOLUTION®

TELWIN

For over 50 years TELWIN has been a worldwide leader in the manufacturing of Italian made welding machines, cutting systems and battery chargers.
TELWIN are present on 5 continents, with a range of products that serve any market; products aimed at all production fields, from the automotive to industry in general, to the building sector to shipyards, to all professional divisions to DiY.

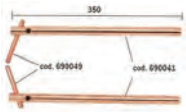


PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
BATTERY CHARGERS				
SINGLE PHASE SUPPLY				
TWNEVATRONIC12	**509547**	**AUTOMATIC BATTERY CHARGER NEVATRONIC 12 12V-6A** 240 volt - 10 amp 12 volt batteries Automatic electronic control of charging current. Charges and monitors, stops and restarts automatically as required Recommended for 40 ah to 50 ah batteries Ideal for those infrequently used batteries such as boats, carts etc. 6 amp maximum charge 4 amp continuous charge Weight 2.2 kg	8004897397283	
TWNEVATRONIC24	**509548**	**AUTOMATIC BATTERY CHARGER NEVATRONIC 24 12/24V 6/4.5A** 240 volt - 10 amp 12 & 24 volt batteries Automatic electronic control of charging current. Charges and monitors, stops and restarts automatically as required Recommended for 40 ah to 50 ah batteries Ideal for those infrequently used batteries such as boats, carts etc. 6/3 amp maximum charge 4/2 amp continuous charge Weight 2.4 kg	8004897470719	
TWAUTOTRONIC25	**509513**	**BATTERY CHARGER AUTOTRONIC 25 12-24V 18/12AMPS** 240 volt - 15amp 12 & 24 volt With engine boost facility to assist with starting part charged batteries. Ideal for those infrequently used batteries such as boats, carts agricultural, deep cycle and maintenance batteries. Weight 6.1kg	8004897652412	
TWNEVABOOST100	**509541**	**BATTERY CHARGER NEVABOOST 100 12VOLT-9/14AMPS** 240 volt - 10 amp Features automatic overload and polarity reversal protection Quick charge & Boost charge settings 9 amp maximum charge 14 amp boost charge settings 5.5 amp continuous charge 9 amp continuous boost Recommended for 55 ah to 180 ah batteries Weight 2.3 kg	8004897397290	
TWNEVABOOST140	**509542**	**BATTERY CHARGER NEVABOOST 140 12VOLT-20AMPS** 240 volt - 15 amp With engine boost facility to assist engine starting with part charged batteries Features automatic overload and polarity reversal protection Quick charge & Boost charge settings 20amp maximum charge 100 amp boost charge settings 13 amp continuous charge 50 amp continuous boost Recommended for 10 ah to 200 ah batteries Weight 5.3 kg	8004897413778	
TWNEVADA11	**509543**	**BATTERY CHARGER NEVADA 11 6/12VOLT-4AMPS** 240 volt - 10 amp Suitable for overnight charging of 6/12 volt lead acid batteries 4 amp maximum charge 2.5 amp continuous charge Recommended for 25 ah to 40 ah batteries Great for cars, motorcycles, ride-on mowers etc. Weight 1.6 kg	8004897397252	

TELWIN

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
TWNEVADA14	509544	**BATTERY CHARGER NEVADA 14 12VOLT -9AMPS** 240 volt - 10 amp Suitable for overnight charging of 12 volt lead acid batteries 9 amp maximum charge 6 amp continuous charge Recommended for 60 ah to 115 ah batteries Ideal for cars, boats, light commercial vehicles agricultural use etc. Weight 2.0 kg	8004897397269	
TWNEVADA15	509545	**BATTERY CHARGER NEVADA 15 12/24V-9/4.5AMPS** 12/24 volt - 9/4.5 amp Battery Charger 240 volt - 10 amp Suitable for overnight charging of 12/24 volt lead acid batteries 9/4.5 amp maximum charge 6/3 amp continuous charge Recommended for 60 ah to 115 ah batteries / 30 ah to 40 ah batteries Ideal for cars, boats, light commercial vehicles agricultural use etc. Weight 2.4 kg	8004897397276	
TWLEADER220	509530	**BATTERY CHARGER LEADER 220 12/24V-30AMPS** 240 volt - 15 amp 12/24 volt with boost & jump start settings ideal for cars vans and light trucks 30 amp maximum charge 180 amp jump - start 20 amp continuous charge 120 amp jump start continuous Recommended for 30 ah to 400 ah batteries Weight 9kg	8004897652429	
TWLEADER400	509531	**BATTERY CHARGER LEADER 400 12/24V-45AMPS** 240 volt - 15 amp 12/24 volt with boost & jump start settings ideal for cars vans and light trucks 45 amp maximum charge 300 amp jump - start 30 amp continuous charge 180 amp jump start continuous Recommended for 20 ah to 700 ah batteries Weight 10.7 kg	8004897383156	
TWDYNAMIC320	509520	**BATTERY CHARGER DYNAMIC 320 12/24V - 45AMPS** 240 volt - 15 amp 12/24 volt with boost & jump start settings ideal for cars vans and light trucks 45 amp maximum charge 300 amp jump - start 30 amp continuous charge 180 amp jump start continuous Recommended for 20 ah to 700 ah batteries Weight 14 kg	8004897534862	
TWDYNAMIC520	509521	**BATTERY CHARGER DYNAMIC 520 12/24V - 75AMPS** 240 volt - 15 amp 12/24 volt with boost & jump start settings ideal for cars trucks and tractors Features automatic overload and polarity reversal protection 75 amp maximum charge 480 amp jump - start 50 amp continuous charge 300 amp jump start continuous Recommended for 20 ah to 1000 ah batteries Weight 24 kg	8004897602639	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
TWDYNAMIC620	509522	**BATTERY CHARGER DYNAMIC 620 12/24V - 90AMPS** 240 volt - 15 amp 12/24 volt with boost & jump start settings ideal for cars trucks and tractors Features automatic overload and polarity reversal protection 90 amp maximum charge 570 amp jump - start 70 amp continuous charge 360 amp jump start continuous Recommended for 20 ah to 1550 ah batteries Weight 26 kg	8004897374413	
BATTERY CHARGER ACCESSORIES				
TW802517	509423	**BATTERY TESTER 6-12VOLT (BLISTERED)**	8004897363103	
TW802528	509427	**BLACK EARTH CLAMP NEGATIVE 40A (BLISTERED)** Designed for use with Telwin battery chargers	8004897363219	
TW802530	509429	**BLACK EARTH CLAMP NEGATIVE 60A (BLISTERED)** Designed for use with Telwin battery chargers	8004897363233	
TW802527	509426	**RED EARTH CLAMP POSITIVE 40A (BLISTERED)** Designed for use with Telwin battery chargers	8004897363202	
TW802529	509428	**RED EARTH CLAMP POSITIVE 60A (BLISTERED)** Designed for use with Telwin battery chargers	8004897363226	
FUSES				
TW802255	510232	**10AMP FUSE (PK 10) SUIT NEVADA 15**	8004897148076	
TW802256	509404	**15AMP FUSE (PK 10) suit NEVADA14, NEVABOOST100, NEVATRONIC12/24**	8004897148083	
TW802257	509405	**20AMP FUSE (PK 10) SUIT AUTOTRONIC 25**	8004897148097	
TW122159	509132	**GLASS FUSE HOLDER TO SUIT CHARGERS**	8004897338873	
TW322051	509209	**FUSE COVER**		

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
TW802258	509406	30AMP FUSE (PK 20) SUIT LEADER 220		
TW802259	509407	50A FUSE (PK 20) SUIT LEADER400 DYNAMIC 320	8004897148113	
TW802260	509408	80A FUSE (PK 20) SUIT LEADER220 DYNAMIC 520	8004897148120	
TW802029	509376	100AMP FUSE (PK 20) SUIT DYNAMIC 620	8004897500300	
SPOT WELDERS				
TWMODULAR20/TI	509536	**MODULAR PORTABLE SPOT WELDER 20/TI** Spot Welds up to 1 + 1mm Electronic Timer Adjustable pressure Heat insulated handle Modern Streamline Design 240 volt	8004897465647	
TWDIGITALMOD230	509518	**DIGITAL MODULAR 230 SPOT WELDER 2MM+2MM** Microprocessor controlled spot welder Maximum welding thickness 2 + 2 mm Automatic adjustment of welding time and current Manual adjustment also available Continuous or pulsed operation for specialised materials Adjustable arm pressure Supplied with arms 120mm Weight 11 Kg		
ELECTRODES				
TW803152	509449	**STRAIGHT ARM PAIR WITH ELECTRODES 250MM** Suitable for use with Telwin portable spot welders: TWMODULAR20/TI & TWDIGITALMOD230	8004897425788	
TW803153	509450	**STRAIGHT ARM PAIR WITH ELECTRODES 350MM** Suitable for use with Telwin portable spot welders: TWMODULAR20/TI & TWDIGITALMOD230		
TW803154	509451	**SHAPED ARM PAIR WITH ELECTRODES 350MM** Suitable for use with Telwin portable spot welders: TWMODULAR20/TI & TWDIGITALMOD230		

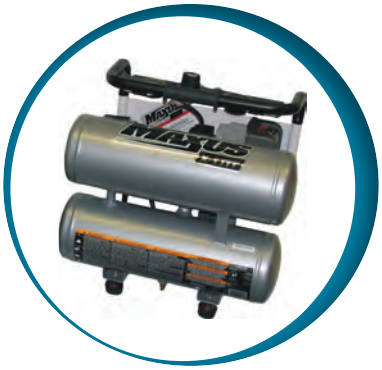
TELWIN

MIN
ON
BOOST
OFF
TELWIN
T6.3A
Leader 220
START
FUSE
+24V
+12V
230V~
50/60Hz

MAXUS

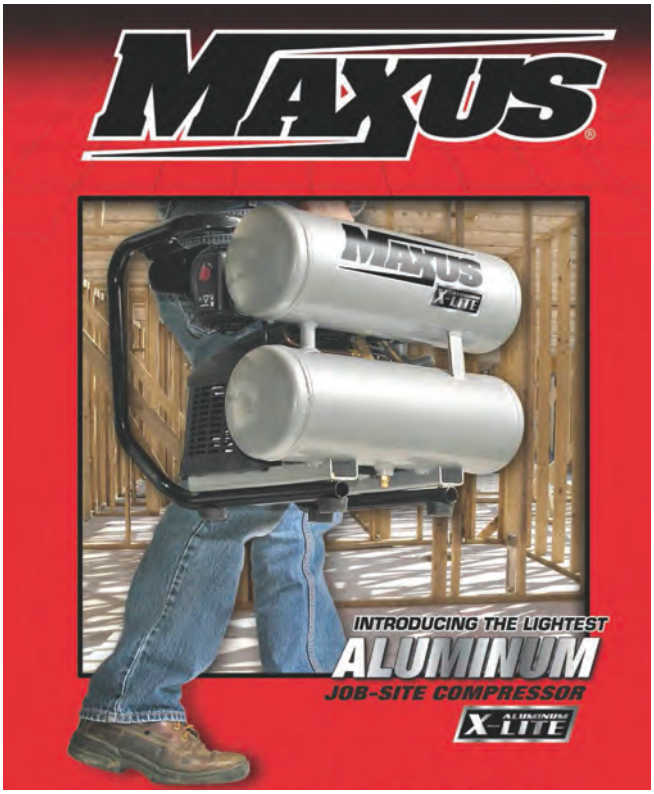
By CAMPBELL HAUSFELD

Maxus Compressors are specially designed for Nailing Applications. All units are lightweight and oil free



PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
NAILER COMPRESSOR				
CHWX1001	**501221**	**MAXUS NAILER COMPRESSOR 0.5HP 4L OIL FREE** 3.8 Litre 1/2 hp Induction motor 10 amp plug, only 83 dB. High pressure -125 psi (8.6 bar) Only 10kg Ideal for brad & fixing nailers	45564626730	
CHWX801700DI	**501222**	**MAXUS NAILER COMPRESSOR 1HP 9.5L X LITE OIL FREE** 2.5 Gal Maxus Lightweight Nailer Compressor 1.1hp Induction motor - 10 amp plug - can be run off a 2.4KVA generator Very quiet, only 85dB. High pressure -135psi (9.3bar) Dual air outlets ("nitto type" couplers) Indexing pressure regulator for precise control Aircraft aluminium alloy twin tanks - 9.5 litre capacity Light weight, very portable – only 13.5kg Will operate one framing nail gun or two fixing nail guns continually	45564623470	
CHWX8019	**501223**	**MAXUS NAILER COMPRESSOR 1.8HP 15L OIL FREE** 15 Litre 1.8hp Induction motor 10 amp plug, only 85 dB. High pressure -150psi (10.3bar) Light weight, only 25kg Will operate two framing nail guns continually	45564625337	

MAXUS Nailer Compressors for the Serious Builder



BIANCO PUMPZ

Over the last 10 years Bianco Pumpz has become one of the most renowned and recognised pump brands in the market for reliability and value for money.

There is a Bianco pump to suit almost every application. Whether it be a submersible or a surface mounted pump, think Bianco Pumpz for all your pumping needs.

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
ELECTRONIC PRESSURE SYSTEMS				
Surface Mounted - Jet Pumps				
Suitable for water supply applications with suction wells, water supply and boosting of domestic systems. 2 Year Bianco Pumpz Warranty				
BIA-TECH40PC	**700985**	0.2kW, 0.3hp, 240V, max hd 27m, max flow 25L/m, 2 taps Ports 1" BSPF In, 1" BSPM Out	9312198855418	 AS/NZS4020 approved for drinking water
BIA-INOX60PC	**700723**	0.33kW, 0.5hp, 240V, max hd 32m, max flow 36L/m, 3 taps Ports 1" BSPF In, 1" BSPM Out	9312198832419	
BIA-INOX80PC	**700730**	0.4kW, 0.6hp, 240V, max hd 40m, max flow 43L/m, 4 taps Ports 1" BSPF In, 1" BSPM Out	9312198855364	
BIA-INOX120PC	**700680**	0.6kW, 0.8hp, 240V, max hd 50m, max flow 50L/m, 5 taps Ports 1" BSPF In, 1" BSPM Out	9312198832457	 AS/NZS4020 approved for drinking water
Surface Mounted - Horizontal Multistage Pumps				
Ideal for medium to large homes. Suitable for high density urban applications. 2 Year Bianco Pumpz Warranty				
BIA-MULTI900PC	**700819**	0.6kW, 0.8hp, 240V, max hd 36m, max flow 90L/m, 9 taps Ports 1" BSPF In, 1" BSPF Out	9312198849509	 AS/NZS4020 approved for drinking water
BIA-MULTI1300PC	**700767**	1.0kW, 1.36hp, 240V, max hd 56m, max flow 90L/m, 9 taps Ports 1" BSPF In, 1" BSPF Out	9312198849523	
Submersible				
Ideal for domestic water supply. MPCX model includes SK13BA prewired and mounted on a stainless steel wall bracket. Complete with cover. 2 Year Bianco Pumpz Warranty				
BIA-B42AMPCX	**711567**	0.55kW, 0.75hp, 240V, max hd 32m, max flow 105L/m, discharge outlet size 1" BSPF, solids up to 3mm, 10 taps		 AS/NZS4020 approved for drinking water

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
PUMP COVER				
WHI-PUMPCOVER	**710824**	Pump cover to suit pumps with fitted controllers - DAB or BIANCO Electronic Pumps Sturdy two piece design - base and lid Cut-out slots for inlet and outlet piping Ventilation in base and lid Beige colour Size: 640L x 340W x 601H (mm) All pumps must be protected from the elements.	9312198855357	
ACCESSORIES				
WHI-6BARPG	**701439**	Pressure Gauge 6 BAR Liquid Filled	8019203590593	
WHI-12BARPG	**701379**	Pressure Gauge 12 BAR Liquid Filled	8019203248753	
BIA-SKIT6	**700970**	Switch Kit complete with plug and play leads, pressure gauge, 1" non-return valve and nipple. Pressure switch has stainless steel back plate with union, and is adjustable between 1 and 6 bar. Factory setting is 1.4 – 2.8 bar, IP44 enclosure.		 SK6
BIA-SK6	**700968**	LOSS OF PRIME PRESSURE SWITCH Pressure Switch Setting: 1 - 6 Bar Factory Setting: 1.4 - 2.8 Bar, 240V, 1 ph, Connection: 6mm (1/4") BSP, Indoor Use	9312198841954	
BIA-SK9A	**700969**	ADJUSTABLE PRESSURE SWITCH 6 BAR With stainless steel back plate Pressure Switch Setting: 1 - 6 Bar, Factory Setting: 1.4 - 2.8 Bar 240V, 1 ph, IP44, Connection: 6mm (1/4") BSP	9312198841961	 SK9A
BIA-SK12(5M)	**700965**	5m Float Switch 10A with HO5 Neoprene Cable	9312198841978	
BIA-SK12(10M)	**700962**	10m Float Switch 10A with HO5 Neoprene Cable	9312198841985	
BIA-SK12(20M)	**700963**	20m Float Switch 10A with HO5 Neoprene Cable		
BIA-SK12(30M)	**700964**	30m Float Switch 10A with HO5 Neoprene Cable		
BIA-FSK1	**700610**	10 METRE FLOAT SWITCH WITH H07 NEOPRENE CABLE 240V, 1 ph, 16A max, "3 wire", IP68, max 50°C.	9312198848298	 SKIT6
BIA-FSK1-20	**700611**	20 METRE FLOAT SWITCH WITH H07 NEOPRENE CABLE 240V, 1 ph, 16A max, "3 wire", IP68, max 50°C.		
BIA-SK12CWB	**700967**	FLOAT SWITCH COUNTERWEIGHT 200g gland mounting	9312198842593	 SK12
WHI-PIGGYBACKFLOAT	**700821**	PIGGYBACK FLOAT SWITCH 16(8)A	9312198855302	
BIA-TSHKITA	**701034**	RAINWATER TANK SUCTION HOSE & FLOAT KIT	9312198847789	
BIA-SHKIT	**700959**	PRESSURE PUMP SUCTION HOSE KIT 0.7m	9312198854527	
BIA-DHKIT	**700413**	PRESSURE PUMP DISCHARGE HOSE KIT 1.4m		 SK12CWB

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
HOSE REELS				
BIA-ZA01-20B	**701150**	**20m AIR REEL** 180° Swivel Rotation, Includes 20m Hose & Fittings, Convenient Carry Handle, Automatic Rewind, The Retractable Auto Hose Reel provides secure storage of your hose and allows you to extend and retract your hose without kinks and knots.180° rotation extends your reach and allows you to reach all desired points within the hose length. The convenient carry handle enable you to move the hose reel between selected mounting points. Barcode: 9312198840193 12 Months Warranty	9312198840193	
BIA-ZW03-20B	**701153**	**20m WATER REEL** 180° Swivel Rotation, Includes 20m Hose & Fittings, Convenient Carry Handle, Automatic Rewind. The Retractable Auto Hose Reel provides secure storage of your hose and allows you to extend and retract your hose without kinks and knots. 180° rotation extends your reach and allows you to reach all desired points within the hose length. The convenient carry handle enable you to move the hose reel between selected mounting points. HOSE – 20 metre; Internal Diameter – 12mm (1/2"); Max. Pressure-1 000kPa(150 psi); Temp Range -5°C/45°C; Fittings: ¾" NPT. 12 Months Warranty	9312198840186	
BIA-ZW08-30B	**701156**	**30m WATER REEL** The new BIA-ZW08-30B is a Retractable Auto Hose reel which provides secure storage of the 30 metres of hose supplied and allows the user to extend and retract the hose without kinks and knots. The hose is simply unwound to any desired length. The BIA-ZW08-30B features a special slow and steady automatic rewind mechanism with locking stop. The hose reel is characterised by: Hose unwinding to any desired length. Slow and steady automatic rewinding with stop. 30 metre (100') hose length. 1.7 metre supply hose with quick release coupling and ¾" tap connector. Spray nozzle with jet adjustment. Easy disassembly and transport for winter storage. 180° lateral pivoting. Liquid: Clean water temperature range: 0°– 45°C; Hose: Length: 30m (100'); Internal diameter: 12mm (1/2"); Maximum pressure: 1000 kPa (150psi). 12 Months Warranty	9312198855609	
PLASTIC DRAINAGE PUMPS				
Submersible Drainage Pumps Ideal for pits and confined spaces where floats do not work. Not suitable for construction sites, ponds, fountains or bio-treatment. 12 Month Bianco Pumpz Warranty				 BIA-JH400
BIA-JH400	**700741**	0.4kW, 0.55hp, 240V, Plastic Construction, max hd 8m, max flow 125L/m, 1 1/2" BSPF outlet	9312198832051	
BIA-JH40011	**700742**	Auto Manual 0.4kW, 0.55hp, 240V, Plastic Construction, max hd 8m, max flow 125L/m, 1 1/2 BSPF outlet	9312198848335	
BIA-JH900	**700754**	0.9kW, 1.2hp, 240V, Plastic Construction, max hd 9m, max flow 225L/m, 1 1/2 BSPF outlet	9312198832075	 BIA-JH40011

BIANCO PUMPZ

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
PLASTIC VORTEX PUMPS				
Submersible Vortex Pumps				
Designed to pump water with some organic. Capable of pumping non-abrasive solids in suspension up to 35mm particle size. 12 Month Bianco Pumpz Warranty				
BIA-JH550B	**700744**	0.55kW, 0.75hp, Plastic Construction, Vortex, max hd 7m, max flow 158L/m, 1 1/2" BSPF outlet 10m power cable Particle size 38mm	9312198832013	
STAINLESS STEEL DRAINAGE				
Stainless Steel Drainage Pumps				
Suitable for all dewatering tasks including pumping out sumps, flooded areas and drawing water from wells. 12 Month Bianco Pumpz Warranty				
BIA-JH554	**700745**	0.55kW, 0.75hp, 240V, Stainless Steel Construction, max hd 7.5m, max flow 140L/m, 1 1/4" BSPF outlet	9312198855821	
BIA-JH754M	**700750**	0.75kW, 1.0hp, 240V, Stainless Steel Construction, max hd 8.5m, max flow 180L/m, 1 1/4" BSPF outlet	9312198855838	
STAINLESS STEEL VORTEX				
Stainless Steel Vortex Pumps				
Suitable for all dewatering tasks including pumping out sumps, flooded areas and drawing water from wells. 12 Month Bianco Pumpz Warranty				
BIA-JH554B	**700746**	0.55kW, 0.75hp, 240V, Stainless Steel Construction, max hd 7m, max flow 167L/m, 1 1/4" BSPF outlet	9312198855845	
BIA-JH754BM	**700749**	0.75kW, 1.0hp, 240V, Stainless Steel Construction, max hd 8m, max flow 216L/m, 1 1/4" BSPF outlet	9312198855852	
Calf Milk Pump				
Designed to pump water with some organic. Capable of pumping non-abrasive solids in suspensions up to 35mm particle size. 12 Month Bianco Pumpz Warranty				
BIA-Q550B	**700835**	0.55kW, 0.75hp, 240V, Stainless Steel Construction, max hd 7m, max flow 160L/m, 1 1/2" BSPF outlet		

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
LIGHT CONSTRUCTION PUMPS				
Designed for dewatering of construction sites and pits. General dewatering where there is abrasive material. Suitable for construction sites, storm water and basements. Can handle particles up to 25mm x 10mm. Cast iron pump body and corrosion resistant pump components. 12 Month Bianco Pumpz Warranty				
BIA-AHS05A	**700282**	0.4kW, 0.55hp, 240V, max hd 12m, max flow 220L/m, 2" BSPF outlet	9312198854787	
BIA-AHS10A	**700301**	0.75kW, 1.0hp, 240V, max hd 18m, max flow 350L/m, 2" BSPF outlet	9312198854794	
BIA-LAYFLATKIT	**700755**	Lay Flat 20m 2" Hose		
HIGH HEAD				
High Head Drainage Pump				AS/NZS4020 Drinking Water Approved
Designed for rainwater tanks and pumping clean water only. The pump has sufficient pressure to operate as a pressure system pump when wired to a suitable controller. Clean water only. 12 Month Bianco Pumpz Warranty				
BIA-JH8003P	**700751**	0.8kW, 1.1hp, 240V, max hd 30m, max flow 83L/m, 1 1/4" BSPM outlet	9312198848342	
High Head Submersible Clean Water Pump				Designed for AWTS AS/NZS4020 Drinking Water Approved
Designed for AWTS and rainwater tanks. Ideal for dewatering of cellars and garages. Can pump clean or slightly dirty water. Features: Slotted strainer Built in 83mm pump riser Benefits: Improves water flow and stops the strainer blocking Draws water at higher oxygen levels Reduces anaerobic intake Advantages: Eliminates pump failures due to blocked strainers Improves water quality by reducing the intake of algae and anaerobic matter which makes the water smell bad and discolour clothing 2 Year Bianco Pumpz Warrranty 5 Star Energy Rating				
BIA-B42A	**711924**	0.55kW, 0.75hp, 240V, max hd 32m, max flow 105L/m, discharge outlet size1" BSPF, solids up to 3mm		

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
CAST IRON DRAINAGE				
Ideal for dewatering of cellars and garages and can pump clean or slightly dirty water. Can handle particles up to 10mm. 2 Year Bianco Pumpz Warranty				
BIA-B15A	**700315**	0.15kW, 0.2hp, 240V, max hd 6m, max flow 160L/m, discharge outlet size 1 1/4" BSPF, solids up to 10mm	9312198855623	
BIA-B25A	**700317**	0.25kW, 0.33hp, 240V, max hd 8m, max flow 200L/m, discharge outlet size 1 1/2" BSPF, solids up to 10mm	9312198855630	
BIA-B40A	**700319**	0.4kW, 0.55hp, 240V, max hd 10m, max flow 300L/m, discharge outlet size 2" BSPF, solids up to 10mm	9312198855647	
BIA-B75A	**700321**	0.75kW, 1.0hp, 240V, max hd 14m, max flow 400L/m, discharge outlet size 3" BSPF, solids up to 10mm	9312198855654	
CAST IRON VORTEX				
Suitable for the dewatering of cellars, garages and aerated water treatment systems. Ideal to pump clean or slightly dirty water and can handle soft solid particles up to 30mm. 2 Year Bianco Pumpz Warranty				
BIA-B15VA	**700316**	0.15kW, 0.2hp, 240V, max hd 6m, max flow 160L/m, discharge outlet size 1 1/4" BSPF, soft solids up to 10mm	9312198855661	
BIA-B25VA	**700318**	0.25kW, 0.33hp, 240V, max hd 8m, max flow 200L/m, discharge outlet size 1 1/2" BSPF, soft solids up to 25mm	9312198855678	
BIA-B40VA	**700320**	0.4kW, 0.55hp, 240V, max hd 10m, max flow 300L/m, discharge outlet size 2" BSPF, soft solids up to 30mm	9312198855685	
BIA-B75VA	**700323**	0.75kW, 1.0hp, 240V, max hd 11m, max flow 430L/m, discharge outlet size 3" BSPF, soft solids up to 17mm	9312198855692	

BIANCO PUMPZ

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
CAST IRON GRINDER & CUTTER				
Bianco Cutter Pump				
BIA-B75KA	**700322**	Used for pumping sewage and solid wastewaters. It is used to cut long soft stringy solids in suspension. 0.75kW, 1.0hp, 240V, max hd 13m, max flow 410L/m, BSPF outlet size 2" 2 Year Bianco Pumpz Warranty	9312198855708	
Bianco Grinder Pump				
BIA-B120G	**700314**	Used to pump sewage and solid wastewaters. Soft solids in suspension by grinding them into a slurry. 1.5kW, 2.2hp, 240V, max hd 23m, max flow 180L/m, BSPF outlet size 1 1/4" 2 Year Bianco Pumpz Warranty	9312198855715	
Bianco Positive Displacement Grinder Pump High Pressure				
The pump is a positive displacement grinder pump with a heavy duty cutter and cutter ring used to treat unstrained waste waters in "low" flow, high head applications. 2 Year Bianco Pumpz Warranty				
BIA-PDG150MA	**800252**	1.1kW, 1.5hp, 240V, with float switch, max hd 50m, max flow 50L/m, 1 1/4" BSPF outlet		
BIA-PDG150M	**800587**	1.1kW, 1.5hp, 240V, without float switch, max hd 50m, max flow 50L/m, 1 1/4" BSPF outlet		
BIA-PDG150TA	**800588**	1.1kW, 1.5hp, 415V, with float switch, max hd 50m, max flow 50L/m, 1 1/4" BSPF outlet		
BIA-PDG150T	**800589**	1.1kW, 1.5hp, 415V, without float switch, max hd 50m, max flow 50 L/m, 1 1/4" BSPF outlet		

BIANCO PUMPZ

Positive Displacement Grinder Pumps...

- Cast iron pump body for durability under harsh conditions
- Available in single phase and three phase, with and without a float
- Heavy duty silicon carbide mechanical seal
- Cutter with cutter rings cuts solids to smallest possible size to reduce clogging
- Used for unstrained waste waters
- Perfect for low pressure sewer applications
- **Also available in Packaged Pump Stations -** 900L, 1200L and 3000L sizes. Suitable for new house dwellings and low lying, hilly, sand or rocky areas. Price available on inquiry.

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
CENTRIFUGAL PUMPS - SMALL				
Close Coupled Stainless Steel Motor Pump units				
Suitable for water circulation, car washing, tank emptying, gardening, fountains, irrigation and vat washing. 12 Month Bianco Pumpz Warranty				
BIA-BLC70-055	**700338**	0.55kW, 0.75hp, 240V, max hd 19m, max flow 120L/m, Ports 1 1/4" BSPF In, 1" BSPF Out		
BIA-BLC70-075	**700341**	0.75kW, 1.0hp, 240V, max hd 25m, max flow 120L/m, Ports 1 1/4" BSPF In, 1" BSPF Out		
BIA-BLC70-100	**700343**	1.0kW, 1.5hp, 240V, max hd 30m, max flow 120L/m, Ports 1 1/4" BSPF In, 1" BSPF Out		
BIA-BLC120-110	**700325**	1.1kW, 1.5hp, 240V, max hd 25m, max flow 180L/m, Ports 1 1/4" BSPF In, 1" BSPF Out		
BIA-BLC120-185	**700327**	1.85kW, 2.5hp, 240V, max hd 37m, max flow 180L/m, Ports 1 1/4" BSPF In, 1" BSPF Out		
BIA-BLC200-110	**700331**	1.1kW, 1.5hp, 240V, max hd 21m, max flow 260L/m, Ports 1 1/2" BSPF In, 1" BSPF Out		
BIA-BLC200-185	**700335**	1.85kW, 2.5hp, 240V, max hd 29m, max flow 260L/m, Ports 1 1/2" BSPF In, 1" BSPF Out		
ENGINE POWERED PUMPS				
BIA-HP15A	**700629**	**5.5hp Fire Pump** The pump is a compact self-priming engine driven fire pump which is also ideal for high general duty applications. Supplied ready to operate complete with hose fittings and suction strainer. Heads to 55m, Flows to 330l/min, Suction to 7m, 1 x 1-1/2", 2 x 1" BSP male discharge ports, 1 x 1-1/2" BSP male suction port. Low Oil Level Engine Protection, Roll Frame, Rubber Mounting Feet 12 MONTH BIANCO PUMPZ WARRANTY	9312198842586	
BIA-2HP15A	**700238**	**6.5hp Twin Stage Fire Pump** The pump is a compact self-priming engine driven firepump supplied ready to operate complete with hose fittings and suction strainer. Heads to 75m, Flows to 200l/min, Suction to 7m, 1 x 1-1/2", 2 x 1" BSP male discharge ports, 1 x 1-1/2" BSP male suction port, Low Oil Level Engine Protection, Roll Frame, Rubber Mounting Feet 12 MONTH BIANCO PUMPZ WARRANTY	9312198849868	
BIA-WP20A	**701111**	**5.5hp Tanker Pump** The pump is a compact self-priming engine driven 2" Tanker Pump supplied ready to operate complete with hose fittings and suction strainer. Designed for tank filling, water carts and dust suppression. Heads to 30m, Flows to 450l/min, Suction to 7m, 1 x 2" BSP male discharge ports, 1 x 2" BSP male suction port, Low Oil Level Engine Protection, Roll Frame, Rubber Mounting Feet 12 MONTH BIANCO PUMPZ WARRANTY	9312198854312	
BIA-WP30A	**701130**	**6.5hp GUSHER Pump** The pump is a compact self-priming engine driven 3" Gusher Pump supplied ready to operate complete with hose fittings and suction strainer. Designed for rapid dewatering tasks and tank filling applications. Heads to 30m, Flows to 1000l/min, Suction to 7m, 1 x 3" BSP male discharge ports, 1 x 3" BSP male suction port, Low Oil Level Engine Protection, Roll Frame, Rubber Mounting Feet 12 MONTH BIANCO PUMPZ WARRANTY	9312198854329	
Performances quoted are intermittent maximum.				

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
BIA-FTB50	**700612**	**5.5hp Fire 'Poly' Pump - Chemical Resistant** The pump is a compact self-priming engine driven Plastic pump supplied ready to operate complete with hose fittings and suction strainer. Heads to 30m, Flows to 580l/min, Suction to 7m, 1 x 2" male discharge ports, 1 x 2" male suction port, Low Oil Level Engine Protection, Roll Frame, Rubber Mounting Feet 12 MONTH BIANCO PUMPZ WARRANTY	9312198849882	
BIA-HP15AH-C	**800496**	**5.5hp Fire Pump With Honda Engine** The pump is a compact self-priming engine driven Firepump supplied ready to operate complete with hose fittings and suction strainer. Heads to 55m, Flows to 330l/min, Suction to 7m, 1 x 1-1/2", 2 x 1" BSP male discharge ports, 1 x 1-1/2" BSP male suction port, Low Oil Level Engine Protection, Roll Frame, Rubber Mounting Feet HONDA 3 YEAR BIANCO PUMPZ WARRANTY	9312198856477	
BIA-2HP15AH-A	**800497**	**5.5hp Twin Stage Fire Pump With Honda Engine** The pump is a compact self-priming engine driven Firepump supplied ready to operate complete with hose fittings and suction strainer. Heads to 75m, Flows to 200l/min, Suction to 7m, 1 x 1-1/2", 2 x 1" BSP male discharge ports, 1 x 1-1/2" BSP male suction port, Low Oil Level Engine Protection, Roll Frame, Rubber Mounting Feet HONDA 3 YEAR BIANCO PUMPZ WARRANTY	9312198856484	
BIA-WP10AA	**701064**	**1.5hp Portable Engine Pump** The pump is a light weight self-priming general duty engine driven pump. Supplied ready to operate complete with hose fittings and suction strainer. 2 Stroke engine. Heads to 22m, Flows to 116l/min, Suction to 7m, 1" BSP female ports, Carry Frame, Rubber Mounting Feet 12 MONTH BIANCO PUMPZ WARRANTY		
BIA-WB80	**701056**	**6.5hp Trash Pump** The pump is a compact self-priming engine driven trash pump with features that include easy maintenance wear plate, wear resistant silicon carbide mechanical seal, easy impeller removal, light weight aluminium pump housing. supplied ready to operate complete with suction strainer. Soft solids to 30mm, Heads to 25m, Flows to 750l/m, Suction to 7m, 1 x 3" BSP male discharge port, 1 x 3" BSP male suction port, Roll Frame, Rubber Mounting Feet 12 MONTH BIANCO PUMPZ WARRANTY	9312198855777	
BIA-FFHK	**700578**	**Fire Fighting Hose Kit** The Fire Fighting Hose Kit comprises of: 1 x 5m x 38mm grey PVC suction hose c/w strainer, nut and tails plus 2 x 10m x 20mm black fire fighting delivery hose c/w nozzles, nuts and tails. 12 MONTH WARRANTY	9312198847543	
Performances quoted are intermittent maximum.				

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
BIA-DHP15	**700415**	**6.5hp Diesel Powered Fire Pump** The pump is a compact self-priming engine driven fire pump which is also ideal for high general duty applications. Supplied ready to operate complete with suction strainer. Heads to 55m, Flows to 330l/min, Suction to 7m, 1 x 1-1/2", 2 x 1" BSP male discharge ports, 1 x 1-1/2" BSP male suction port, Recoil start with decompression lever. Roll Frame, Rubber Mounting Feet 12 MONTH BIANCO PUMPZ WARRANTY	9312198855784	
BIA-DHP20	**700416**	**6.5hp Diesel Powered High Pressure Pump** The pump is a compact self-priming engine driven high pressure pump which is also ideal for high general duty applications. Supplied ready to operate complete with suction strainer. Heads to 65m, Flows to 500l/min, Suction to 7m, 1 x 2" BSP male discharge port, 1 x 2" BSP male suction port, Recoil start with decompression lever, Roll Frame, Rubber Mounting Feet 12 MONTH BIANCO PUMPZ WARRANTY	9312198855760	
BIA-DHP20E	**700417**	**6.5hp Diesel Powered High Pressure Pump Electric Start** The pump is a compact self-priming engine driven high pressure pump which is also ideal for high general duty applications. Supplied ready to operate complete with suction strainer. Heads to 65m, Flows to 500 l/min, Suction to 7m, 1 x 2" BSP male discharge port, 1 x 2" BSP male suction port, Recoil start with decompression lever, Roll Frame, Rubber Mounting Feet 12 MONTH BIANCO PUMPZ WARRANTY		
BIA-2HP20A	**700274**	**6.5hp Twin Stage High Pressure Pump** The pump is a compact self-priming engine driven high pressure pump which is also ideal for high general duty applications. Supplied ready to operate complete with suction strainer. Heads to 80m, Flows to 300 l/min, Suction to 7m, 2 x 1" BSP male discharge port, 1 x 1/2" BSP male suction port, Roll Frame, Rubber Mounting Feet 12 MONTH BIANCO PUMPZ WARRANTY	9312198855791	
BIA-SHP50	**700960**	**13hp Cast Iron High Pressure Pump** The pump is a compact self-priming engine driven high pressure pump which is also ideal for high general duty applications. Supplied ready to operate complete with suction strainer. Heads to 100m, Flows to 500l/min, Suction to 7m, 1 x 2" BSP male discharge port, 1 x 2" BSP male suction port, Roll Frame, Rubber Mounting Feet 12 MONTH BIANCO PUMPZ WARRANTY	9312198855807	
BIA-TF2500	**701031**	2.0 kW Generator The generator is a compact AC and DC power source with circuit breaker protection. 5.5 hp engine with low oil shutdown. 2.2kW, 240V output, 8.0A 12V output. Roll Frame, Rubber Mounting Feet. 12 MONTH BIANCO PUMPZ WARRANTY	9312198855814	

Performances quoted are intermittent maximum.

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
PACKAGED PUMP STATIONS - LIFTING STATIONS				
Bianco Pump Stations				
250 Litre collecting station, 730mm diameter x 900mm deep, access cover 600mm x 600mm, contrsucted for inground installation. Able to handle liquids such as storm water, trade waste, effluent and sewage depending on pump fitted. Standard with Polyethelene lid with optional Gatic cast iron access cover or galvanised storm water grate available. 2 Year Bianco Pumpz Warranty 12 Month Pump Station Warranty				
BIA-SERIES250-B40A	**800373**	250 litre, vortex pump, 240V, 250W, max head 8m, flows to 200L/min		
BIA-SERIES250-B40VA	**800374**	250 litre, vortex pump, 240V, 400W, max head 10m, flows to 300L/min		
BIA-SERIES250-B75KA	**800375**	250 litre, cutter pump, 240V, 750W, max head 13m, flows to 410L/min		
BIA-SERIES250-B120G	**800376**	250 litre, grinder pump, 240V, 1500W, max head 23m, flows to 180L/min		
		Optional galvanised storm water grate Class B or Cast Iron Gatic Lid Class B		

Range of Pumps Supplied with Pump Stations

BIANCO PUMPZ

Vacmaster™

With more than 15 years' experience in engineering and motor technology, Vacmaster incorporates the latest processes and highest standards of engineering, design and production. The result is high-quality products with exceptional performance and durability.
The Vacmaster product line includes portable wet/dry vacs that are great for any home or office, rugged yet easily manoeuvrable industrial stainless steel wet/dry vacs with a two-stage motor for heavy-duty use.
All products are made with the consumer in mind. Innovation and efficient design make Vacmaster easy to handle, use and store. Its heavy-duty motors deliver peak horsepower for maximum suction and all vacs come fitted with a float valve mechanism that shuts suction off to protect the motor from liquid overfill. Most Vacmaster wet/dry vacs convert quickly and easily to a powerful blower, perfect for clearing debris on patios, sidewalks and driveways.

Vacmaster™

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
DOMESTIC VACUUMS				
VMVQ1215P	509683	**WET/DRY VACUUM 15L 1250W** 15L Wet / Dry Vac (with 35mm accessory system) This compact size vac comes with a powerful 1250W motor. The 4m power cord and 1.5m secure fit hose offers a large cleaning coverage range. Easy to roll casters. Tough polypropylene tank. Top handle design - easy to carry. Large on / off switch. Built in accessory storage. Including 7 accessories: secure-fit hose, 3 extension wands, 2-in-1 floor brush/squeegee, dust filter, foam sleeve filter.	9314539901266	
VMVQ1220SS	509684	**WET/DRY VACUUM 20L WORKSHOP** 20L Stainless steel model with powerful 1250W motor and a maximum airflow of 58 L/Sec. Hose length 1.5m, cord length 4m, accessory diameter 35mm	9314539901235	
VMVQ1530SWDC	509686	**WET/DRY VACUUM 30L 1500W WITH SS TANK** 30L Stainless steel model with powerful 1500W motor, sync socket for automatic power-tool operation. max. air flow 65 l/sec max. vacuum 17kpa Comes with 2.5 metres of 35mm diameter hose 5m power cord for extra reach Synco function (900 Watt Max)	9314539901242	
INDUSTRIAL VACUUMS				
VMVF1515HJ	509658	**WET/DRY VACUUM 15L 1500W INDUSTRIAL** 1500 watt 15L max. air flow 60 l/sec max. vacuum 18kpa Comes with 1.8 metres of 35mm diameter hose 5m power cord	6939349500985	
VMVK1520SIW	509675	**WET/DRY VACUUM 20L 1500W INDUSTRIAL SS TANK** 20L Stainless steel model with powerful 1500W industrial, quiet two-stage motor and a maximum airflow of 60 L/Sec. Max. vacuum 18kpa. Heavy duty steel barrel fasteners and heavy duty wheels. Comes with 3.5m of 35mm diameter hose, cord length 5m. Synco function (900 Watt Max)	6939349501142	
VMVK1650SWDC	509678	**WET/DRY VACUUM 50L 1600W WITH SS TANK** voltage/frequency 230V~50Hz input rating 1600W 2 stage fan max. air flow 2.7m^3 /min max. vacuum 22kpa tank size 50L Stainless Steel cord length 7.5m Synco function (800 Watt Max) Standard accessories: 3.5m anti crush 38mm hose, metal tube set 3pc, crevice tool, 15" floor nozzle, dust bag, combo nozzle, Polyester cartridge filter, Prefilter, drain hose, accessory pouch	6939349510359	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
VMVK1660SWDC	509680	**WET/DRY VACUUM 60L 1600W WITH SS TANK** voltage/frequency 230V~50Hz input rating 1600W 2 stage fan max. air flow 2.7m³ /min max. vacuum 22kpa tank size 60L Stainless Steel cord length 7.5m Synco function (800 Watt Max) Standard accessories: 3.5m anti crush 38mm hose, metal tube set 3pc, crevice tool, 15" floor nozzle, dust bag, combo nozzle, Polyester cartridge filter, Prefilter, drain hose, accessory pouch	6939349510366	
VACUUM ACCESSORIES				
ACCESSORIES				
VMV3MK	509648	**VACUUM ACCESSORY DETAIL CLEANING KIT TO SUIT 35MM HOSE** Brushes & nozzles ideal for car cleaning and a whole lot more	6939349501241	
BAGS				
VM950137	509579	**VACUUM BAG HIGH EFFICIENCY FILTER BAG (3 PIECE)T/S 15L**	6939349501370	
VM950131	509576	**VACUUM BAG HIGH EFFICIENCY FILTER BAG (3 PIECE) 30L**	6939349501319	
VMVHBL	509659	**VACUUM BAG HIGH EFFICIENCY FILTER BAG (3 PIECE) 50-60L** Suitable for use with: VMVK1650SWDC & VMVK1660SWDC	6939349501326	
VM950130	509575	**VACUUM BAG HIGH EFFICIENCY FILTER BAG (3 PIECE) 20L** Suitable for use with: VMVWM1518R & VMVQ1220SS	6939349501302	
VM950136	509578	**VACUUM BAG STANDARD FILTER BAG (3 PIECE) TO SUIT 15L**	3551699501363	
VMFV9615.01.00	509626	**VACUUM BAG LARGE DUST BAGS TO SUIT 50/60LTR.VAC -BULK**		
VMFV9612.01.00	509624	**VACUUM BAG DUST BAGS TO SUIT 20L VAC (PACK OF 5)**	9314539027508	
VMFV9612.02.00	509625	**VACUUM BAG DUST BAG TO SUIT 30L VACS (PACK OF 5)**	9314539027492	
VM950072	509570	**VACUUM BAG STANDARD FILTER BAG (3 PIECE) 20-30L**	6939349500724	
FILTERS				
VMAT-18D	509582	**VACUUM ACCESSORY ASH TANK METAL, FINE FILTER**	6939349501982	
VMVRC2	509688	**VACUUM CLOTH FILTERS TO SUIT 10L VAC (3 PIECE)**	899794001436	
VMBLUEFILTER	509583	**VACUUM DUST FILTER TO SUIT VJ1218 (3 PIECE)** Cloth Filter bag to suit VMVJ1218P & VMVQ1220SS	9314539027461	
VM950175	509580	**VACUUM FOAM FILTER TO SUIT VMVJ1010P (3 PIECE)**	6939349501753	
VMFOAMFILTER	509587	**VACUUM FOAM FILTER SUITS ALL VM MODELS (10 PIECE)**	9314539027485	
VM950111	509573	**VACUUM FOAM FILTER TO SUIT VMVF1515F (3 PIECE)**	6939349501111	
VM950126	509574	**VACUUM FOAM FILTER TO SUIT 20-60L (3 PIECE)**	6939349501265	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
VMFV9563.01.00	509622	**VACUUM CARTRIDGE FILTER PET TO SUIT 50/60L** Suitable for use with: VMVK1650SWDC & VMVK1660SWDC		
VM950108	509571	**VACUUM CARTRIDGE FILTER TO SUIT VMVF1515F**	6939349501081	
VMCARTFILTER	509585	**CARTRIDGE FILTER TO SUIT VJ1223, VB1430 & VJ144** Suitable for use with: VMVJ1445PF, VMVQ1530SWDC, VMVB1330PF & VMVWM1518R	9314539027478	
VM950200	509581	**VACUUM HEPA FILTER TO SUIT VMVF1515HJ**		
VM9501100	509572	**VACUUM HEPA FILTER TO SUIT VK1520SIW**	6939349501104	
VMFV9644.04.00	509627	**VACUUM PRE-FILTER TO SUIT 50/60L (BULK)** Suitable for use with: VMVK1650SWDC & VMVK1660SWDC		
VM950134	509577	**VACUUM FINE DUST FILTER CARTRIDGE (OVER 18L)**	6939349501340	
HOSES				
VM35HOSE	509568	**VACUUM HOSE SET 35MM X 1.5M**		
VM64HOSE	509569	**VACUUM HOSE SET 64MM X 2.1M**		
VMFV5801.01.00	509597	**VACUUM HOSE 38MM X 3.5M TO SUIT 50/60L** Suitable for use with: VMVK1650SWDC & VMVK1660SWDC		

PRYOR

MARKING TECHNOLOGY

Resourced with qualified mechanical, software and electronics engineers, PRYOR work in partnership with customers to produce state of the art turnkey marking systems.

PRYOR remain at the forefront of marking technology by evaluating new solutions to customer needs.

Markets: the markets we serve are many and varied, product identification being required in all industries. We are confident that our diverse experience will allow us to meet your marking needs.

PRYOR has consistent quality in marking, total service commitment and effective technical support.

SPECIALISING IN:

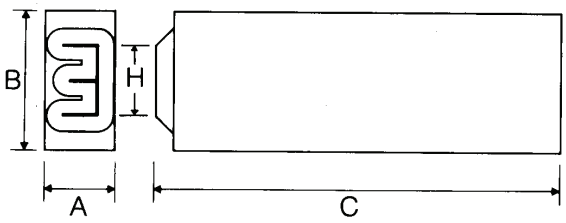
Indenting Products • Tool Marking Products & Solutions
Dot Marking & Laser Marking Solutions • Individual & Sets • Numbers & Letters

PRYOR

PART NO.	ITEM	SIZE mm	SIZE Inch	PUNCH SIZE	IMAGE

INTERCHANGEABLE STEEL TYPE

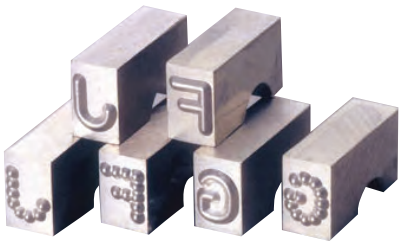
Designed for multiple character marking using hand or machine holders. Precision ground blanks of Sheffield alloy steel Hardened and Tempered to 59-63 Rockwell 'C' scale. Nickel plated finish - resists rust and gives a good appearance.
Gives clear character style for a quality mark on your product.
High volume production ensures economical cost to you.
Provides the perfect answer for all batch and general purpose marking.
* When ordering Interchangeable steel type, the character on the stamp comprises the last digit of the product code. Use * for blank spacers. For character "/" use SLASH, for character "-" use DASH, for "." use FULLSTOP and for "," use COMMA.
If you are not quite sure of your character size, match up dimension A and B to those above



SINGLE CHARACTERS				
PRYI010_*	^	1.0	.040	1.6 x 3.2 x 15.87
PRYI015_*	^	1.5	1/16	1.6 x 3.2 x 15.87
PRYI020_*	^	2.0	5/64	2.0 x 6.35 x 19.05
PRYI025_*	^	2.5	3/32	2.4 x 6.35 x 19.05
PRYI030_*	^	3.0	1/8	3.2 x 6.35 x 19.05
PRYI040_*	^	4.0	5/32	4.0 x 8.0 x 19.05
PRYI050_*	^	5.0	3/16	4.8 x 8.0 x 19.05
PRYI060_*	^	6.0	1/4	6.4 x 9.5 x 19.05
PRYI100_*	^	10.0	3/8	9.5 x 16.0 x 25.40

1-5mm do not have half moon cut-out
6 & 10mm have half moon cut-out

SETS OF 26 LETTERS: A-Z				
PRYIAS015	703926^	1.5	1/16	1.6 x 3.2 x 15.87
PRYIAS020	703927^	2.0	5/64	2.0 x 6.35 x 19.05
PRYIAS025	703928	2.5	3/32	2.4 x 6.35 x 19.05
PRYIAS030	703929^	3.0	1/8	3.2 x 6.35 x 19.05
PRYIAS040	703930^	4.0	5/32	4.0 x 8.0 x 19.05
PRYIAS050	703931^	5.0	3/16	4.8 x 8.0 x 19.05
PRYIAS060	703932^	6.0	1/4	6.4 x 9.5 x 19.05
PRYIAS100	703933^	10.0	3/8	9.5 x 16.0 x 25.40



SETS OF 10 NUMBERS: 0-9				
PRYINS010	703936^	1.0	.040	1.6 x 3.2 x 15.87
PRYINS015	703937^	1.5	1/16	1.6 x 3.2 x 15.87
PRYINS020	703938^	2.0	5/64	2.0 x 6.35 x 19.05
PRYINS025	703939^	2.5	3/32	2.4 x 6.35 x 19.05
PRYINS030	703940	3.0	1/8	3.2 x 6.35 x 19.05
PRYINS040	703941^	4.0	5/32	4.0 x 8.0 x 19.05
PRYINS050	703942	5.0	3/16	4.8 x 8.0 x 19.05
PRYINS060	703944^	6.0	1/4	6.4 x 9.5 x 19.05
PRYINS100	703945^	10.0	3/8	9.5 x 16.0 x 25.40

NOTE: MINISTRESS or DOTSTRESS TYPE IS AVAILABLE UPON REQUEST

PART NO.	ITEM	SIZE mm	SIZE Inch	PUNCH SIZE	IMAGE

INTERCHANGEABLE STEEL TYPE FOUNT SETS

The simple solution for multi-character marking using standard off the shelf type & holders. The set comes with or without hand holder.

WITH HAND HOLDER

PRY112H1M	703582^	1.0	.040	1.6 x 3.2 x 15.87
PRY112HA	703584	1.5	1/16	1.6 x 3.2 x 15.87
PRY112H2M	703583^	2.0	5/64	2.0 x 6.35 x 19.05
PRY112HB	703585	2.5	3/32	2.4 x 6.35 x 19.05
PRY112HC	703586	3.0	1/8	3.2 x 6.35 x 19.05
PRY106H4M	703574	4.0	5/32	4.0 x 8.0 x 19.05
PRY106HE	703575	5.0	3/16	4.8 x 8.0 x 19.05
PRY106HF	703576	6.0	1/4	6.4 x 9.5 x 19.05
PRY106HH	703577	10.0	3/8	9.5 x 16.0 x 25.40

Note: The 2,2.5 and 3mm sets come standard with the PRYH63529 Holder.
If you want the larger PRYH63539 Holder listed below in second table, buy the items separately.

WITHOUT HAND HOLDER

PRY112A	703579^	1.5	1/16	1.6 x 3.2 x 15.87
PRY1122M	703578^	2.0	5/64	2.0 x 6.35 x 19.05
PRY112B	703580^	2.5	3/32	2.4 x 6.35 x 19.05
PRY112C	703581^	3.0	1/8	3.2 x 6.35 x 19.05

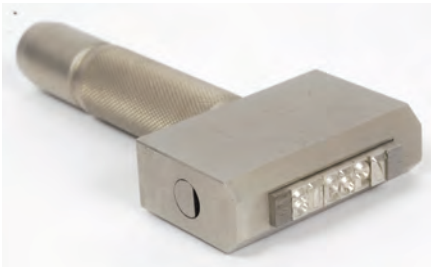
INTERCHANGEABLE STEEL TYPE FOUNT SETS

1 - 3mm sizes comprise - 100 pieces of type and 12 spacers. 4 - 10mm size comprise - 100 pieces of type and 6 spacers
The 100 pieces of type in fount sets (with or without hand holder) comprise of -

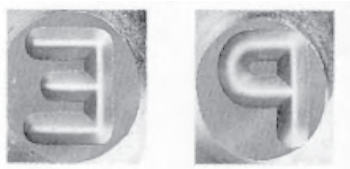
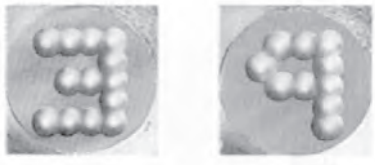
Character:	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
No. per set:	3	2	2	2	4	2	2	2	3	2	2	3	2	3	3	2	1	3	3	2	
Character:	U	V	W	X	Y	Z	&	/	-	.	,	1	2	3	4	5	6	7	8	9	0
No. per set:	3	1	2	2	1	1	1	2	2	2	2	4	4	3	4	3	3	3	3	3	3

HOLDERS FOR INTERCHANGEABLE STEEL TYPE FOUNT SETS

PART NO.	ITEM CODE	Capacity (number of types - one row only)								
		TYPE SIZE (mm)								
		1.0	1.5	2.0	2.5	3.0	4.0	5.0	6.0	10.0
PRYH3220	703602^	12	12	-	-	-	-	-	-	-
PRYH63529	703603	-	-	14	12	9	-	-	-	-
PRYH63539	703604	-	-	19	16	12	-	-	-	-
PRYH8039	703605^	-	-	-	-	-	9	8	-	-
PRYH9640	703606^	-	-	-	-	-	-	-	6	-
PRYH1657	703601^	-	-	-	-	-	-	-	-	6



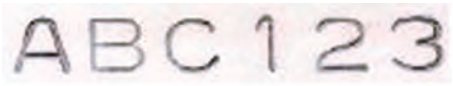
PRYOR

PART NO.	ITEM	SIZE mm	SIZE Inch	PUNCH SIZE	IMAGE
INDIVIDUAL HAND PUNCHES					
SINGLE PUNCHES (to indent a positive impression)					
* When ordering the single priority punches, the character on the punch comprises the last figure of the product code					
PRYP010_*	^	1.0	.040	6.3sq x 63.5	
PRYP015_*	^	1.5	1/16	6.3sq x 63.5	
PRYP020_*	^	2.0	5/64	6.3sq x 63.5	
PRYP025_*	^	2.5	3/32	6.3sq x 63.5	
PRYP030_*	^	3.0	1/8	6.3sq x 63.5	
PRYP040_*	^	4.0	5/32	9.5sq x 70.0	
PRYP050_*	^	5.0	3/16	9.5sq x 70.0	
PRYP060_*	^	6.0	1/4	9.5sq x 70.0	
PRYP080_*	^	8.0	5/16	12.7sq x 89.0	
PRYP100_*	^	10.0	3/8	14.3sq x 89.0	
PRYP125_*	^	12.5	1/2	19.0sq x 89.0	
SINGLE REVERSE PUNCHES (to indent a negative impression)					
* When ordering the single reverse punches, the character on the punch is the 8th figure of the product code.					
PRYP015_*R	^	1.5	1/16	6.3sq x 63.5	
PRYP020_*R	^	2.0	5/64	6.3sq x 63.5	
PRYP030_*R	^	3.0	1/8	6.3sq x 63.5	
PRYP040_*R	^	4.0	5/32	9.5sq x 70.0	
PRYP050_*R	^	5.0	3/16	9.5sq x 70.0	
PRYP060_*R	^	6.0	1/4	9.5sq x 70.0	
SINGLE HEAVY DUTY PUNCHES (to indent a positive impression)					
* When ordering the single heavy duty punches, the character on the punch is the 8th figure of the product code.					
PRYP030_*HD	^	3.0	1/8	12.7sq x 102.0	
PRYP050_*HD	^	5.0	3/16	12.7sq x 102.0	
PRYP060_*HD	^	6.0	1/4	14.3sq x 102.0	
PRYP080_*HD	^	8.0	5/16	14.3sq x 102.0	
PRYP100_*HD	^	10.0	3/8	19.0sq x 102.0	
PRYP125_*HD	^	12.5	1/2	19.0sq x 102.0	
SINGLE MINISTRESS PUNCHES (to indent a positive impression)					
* When ordering the single ministress punches, the character on the punch is the 8th figure of the product code.					
PRYP030_*MS	^	3.0	1/8	9.5sq x 70.0	
PRYP050_*MS	^	5.0	3/16	9.5sq x 70.0	
PRYP060_*MS	^	6.0	1/4	12.7sq x 89.0	
SINGLE DOTSTRESS PUNCHES (to indent a positive impression)					
* When ordering the single dotstress punches, the character on the punch is the 8th figure of the product code.					
PRYP030_*DS	^	3.0	1/8	9.5sq x 70.0	
PRYP050_*DS	^	5.0	3/16	9.5sq x 70.0	
PRYP060_*DS	^	6.0	1/4	12.7sq x 89.0	
PRYP080_*DS	^	8.0	5/16	14.3sq x 89.0	

^ = non stocked line

PART NO.	ITEM	SIZE mm	SIZE Inch	PUNCH SIZE	IMAGE
HAND PUNCH LETTER SETS (A-Z + &)					
SETS OF 27 LETTER PUNCHES (to indent a positive impression)					
PRYPAS010	704292^	1.0	.040	6.3sq x 63.5	
PRYPAS015	704293	1.5	1/16	6.3sq x 63.5	
PRYPAS020	704295^	2.0	5/64	6.3sq x 63.5	
PRYPAS025	704297	2.5	3/32	6.3sq x 63.5	
PRYPAS030	704298	3.0	1/8	6.3sq x 63.5	
PRYPAS040	704303	4.0	5/32	9.5sq x 70.0	
PRYPAS050	704305	5.0	3/16	9.5sq x 70.0	
PRYPAS060	704310	6.0	1/4	9.5sq x 70.0	
PRYPAS080	704315	8.0	5/16	12.7sq x 89.0	
PRYPAS100	704318	10.0	3/8	14.3sq x 89.0	
PRYPAS125	704320	12.5	1/2	19.0sq x 89.0	
SETS OF 27 REVERSE LETTER PUNCHES (to indent a NEGATIVE impression)					
PRYPAS015R	704294^	1.5	1/16	6.3sq x 63.5	
PRYPAS020R	704296^	2.0	5/64	6.3sq x 63.5	
PRYPAS030R	704302^	3.0	1/8	6.3sq x 63.5	
PRYPAS040R	704304^	4.0	5/32	9.5sq x 70.0	
PRYPAS050R	704309^	5.0	3/16	9.5sq x 70.0	
PRYPAS060R	704314^	6.0	1/4	9.5sq x 70.0	
SETS OF 27 HEAVY DUTY LETTER PUNCHES (to indent a POSITIVE impression)					
PRYPAS030HD	704300^	3.0	1/8	12.7sq x 102.0	
PRYPAS050HD	704307^	5.0	3/16	12.7sq x 102.0	
PRYPAS060HD	704312^	6.0	1/4	14.3sq x 102.0	
PRYPAS080HD	704317^	8.0	5/16	14.3sq x 102.0	
PRYPAS100HD	704319^	10.0	3/8	19.0sq x 102.0	
PRYPAS125HD	704321^	12.5	1/2	19.0sq x 102.0	
SETS OF 26 MINISTRESS LETTER PUNCHES (A-Z Only)					
PRYPAS030MS	704301^	3.0	1/8	9.5sq x 70.0	
PRYPAS050MS	704308^	5.0	3/16	9.5sq x 70.0	
PRYPAS060MS	704313^	6.0	1/4	12.7sq x 89.0	
SETS OF 26 DOTSTRESS LETTER PUNCHES (A-Z Only)					
PRYPAS030DS	704299^	3.0	1/8	9.5sq x 70.0	
PRYPAS050DS	704306^	5.0	3/16	9.5sq x 70.0	
PRYPAS060DS	704311^	6.0	1/4	12.7sq x 89.0	
PRYPAS080DS	704316^	8.0	5/16	14.3sq x 89.0	

Letter Punches to indent a POSITIVE impression



Mini Stress impression in Steel

Dot Stress impression in Steel

Highest quality steel marking punches made from Sheffield steel.
Made from top quality controlled Sheffield chromium tool steel and nickel plated
Hardened and tempered to precise limits to give long life and maximum safety
Available in a wide range of sizes and styles. Manufactured to BS5750 / ISO9001 quality standards
Packed in sets of Letters A-Z (including &) and Figures 0-9 in strong plastic boxes

PART NO.	ITEM	SIZE mm	SIZE Inch	PUNCH SIZE	IMAGE
HAND PUNCH NUMBER SETS (0-9)					
SETS OF 10 NUMBER PUNCHES (to indent a POSITIVE impression)					
PRYPNS010	704325^	1.0	.040	6.3sq x 63.5	
PRYPNS015	704326^	1.5	1/16	6.3sq x 63.5	
PRYPNS020	704328^	2.0	5/64	6.3sq x 63.5	
PRYPNS025	704330	2.5	3/32	6.3sq x 63.5	
PRYPNS030	704331	3.0	1/8	6.3sq x 63.5	
PRYPNS040	704336	4.0	5/32	9.5sq x 70.0	
PRYPNS050	704338	5.0	3/16	9.5sq x 70.0	
PRYPNS060	704343	6.0	1/4	9.5sq x 70.0	
PRYPNS080	704348	8.0	5/16	12.7sq x 89.0	
PRYPNS100	704351	10.0	3/8	14.3sq x 89.0	
PRYPNS125	704353	12.5	1/2	19.0sq x 89.0	
SETS OF 10 REVERSE NUMBER PUNCHES (to indent a NEGATIVE impression)					
PRYPNS015R	704327^	1.5	1/16	6.3sq x 63.5	
PRYPNS020R	704329^	2.0	5/64	6.3sq x 63.5	
PRYPNS030R	704335^	3.0	1/8	6.3sq x 63.5	
PRYPNS040R	704337^	4.0	5/32	9.5sq x 70.0	
PRYPNS050R	704342^	5.0	3/16	9.5sq x 70.0	
PRYPNS060R	704347^	6.0	1/4	9.5sq x 70.0	
SETS OF 10 HEAVY DUTY NUMBER PUNCHES (to indent a POSITIVE impression)					
PRYPNS030HD	704333^	3.0	1/8	12.7sq x 102.0	
PRYPNS050HD	704340^	5.0	3/16	12.7sq x 102.0	
PRYPNS060HD	704345^	6.0	1/4	14.3sq x 102.0	
PRYPNS080HD	704350^	8.0	5/16	14.3sq x 102.0	
PRYPNS100HD	704352^	10.0	3/8	19.0sq x 102.0	
PRYPNS125HD	704354^	12.5	1/2	19.0sq x 102.0	
SETS OF 10 MINISTRESS NUMBER PUNCHES					
PRYPNS030MS	704334^	3.0	1/8	9.5sq x 70.0	
PRYPNS050MS	704341^	5.0	3/16	9.5sq x 70.0	
PRYPNS060MS	704346^	6.0	1/4	12.7sq x 89.0	
SETS OF 10 DOTSTRESS NUMBER PUNCHES					
PRYPNS030DS	704332^	3.0	1/8	9.5sq x 70.0	
PRYPNS050DS	704339^	5.0	3/16	9.5sq x 70.0	
PRYPNS060DS	704344^	6.0	1/4	12.7sq x 89.0	
PRYPNS080DS	704349^	8.0	5/16	14.3sq x 89.0	
PUNCH HOLDERS					
PRYPPG	704359	**PUNCH HOLDER SUITS INDIVIDUAL HAND PUNCHES** Suitable for all sizes • Designed to let you make heavy blows safely • Holds all sizes firmly, and allows a really hard blow to be struck without risk of jarring or damaging fingers			

^ = non stocked line

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE

HAND NUMBERERS - SERIES 2000^

* When ordering Hand Numberers, the number of wheels comprises the last digit of the product code. Special character wheels with up to 11 characters can be made. The additional cost is shown at the bottom of this page. Number of standard wheels 0 - 9 + blank

Part No.	Character Size mm	Number of Wheels Available								
		3	4	5	6	7	8	9	10	11
PRYHN15_*	1.5									
PRYHN20_*	2.0									
PRYHN25_*	2.5									
PRYHN30_*	3.0									
PRYHN40_*	4.0									
PRYHN50_*	5.0									
PRYHN60_*	6.0									

NOTE: The most popular is 6 wheels. We usually have stock of sizes up to 3mm in 6 wheels

SPARE WHEELS and SPECIAL CHARACTER WHEELS^

PART NO.	Spare Std Wheels Character Size (mm)
PRYHN15W	1.5
PRYHN20W	2.0
PRYHN25W	2.5
PRYHN30W	3.0
PRYHN40W	4.0
PRYHN50W	5.0
PRYHN60W	6.0
	Spare Special Character Wheel Size (mm)
PRYHN15SCW	1.5
PRYHN20SCW	2.0
PRYHN25SCW	2.5
PRYHN30SCW	3.0
PRYHN40SCW	4.0
PRYHN50SCW	5.0
PRYHN60SCW	6.0

PRYOR

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE

ELECTRONIC MARKING MACHINES - BENCH MOUNTED

PRYOR MARKTRONIC LCD MARKMATE

A bench mounted, fully programmable dot marking machine in a low cost simple to use package. Uncompromising build quality ensures the stand alone variable marking system is robust enough for the toughest workshop environments.
Ideal for a wide range of light duty industrial and commercial applications for small to medium size parts

Applications Include:

• Programmable marking • Component identification • Component traceability • Serial numbering • Logo marking • Security marking
• Health & safety appliance marking • Certification marking • Decorative trophy and award marking • Time and date marking • Part numbering
• Batch and shift coding • Calibration systems • Label and tag marking

Technical Specification

- Marking Area: 100mm x 75mm
- Std. Character Sizes: 0.18mm - 99.9mm in increments of 0.18mm
- Marking Formed: 5 x 7, 7 x 9, Varidot
- Marking Speed: Variable, depends on application
- Memory Capacity: 600 layouts

Features:

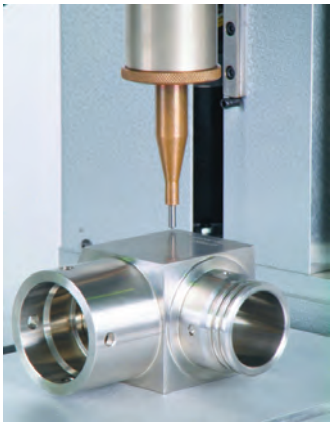
Quiet, Efficient and Accurate Marking

- Variable force control ensures optimum mark depth for all engineering materials up to 62 Rc (800 Hv)
- No air supply required - runs on standard mains current
- Highly efficient and significantly quieter than pneumatically actuated systems
- The lead-screw driven marking head guarantees dot precision unmatched on other low cost systems

Separate Controller

- The controller is a separate unit to ensure it is protected from the mechanical shock loading during the marking operation.
- The multilingual user-friendly interface allows users to choose between different character fonts and type sizes as well as angular and arc marking, serial numbers, date and time marking
- The easy to use software allows for 3 font types and up to 600 layouts to be stored

The machine comes with a 12 months manufacturer's warranty.



PRY3000LABEL

PRYFOOTSWITCH

PRYMARKMATE	703948	Bench mounted, Marking Area 100mm x 75mm

ACCESSORIES AND SPARE PARTS

PRYSTY4X50	704374	Standard Stylus for Markmate 4 x 50mm
PRYSTYSPRINGMM	704379	Standard Stylus Spring for Markmate
PRYNOS4X50	703952	Standard Nose Piece for Markmate
PRY3000LABEL	703588	Label Fixture for name plates
PRYFOOTSWITCH	703600	Optional Start Pedal, Foot operated

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE

PRYOR MARKTRONIC USB MARKMATE

USB Plug and Play, fully programmable dot marking machine in a low cost package.
PC driven via simple to use industry leading MARKMASTER Windows software.
Ideal for a wide range of light duty industrial and commercial applications for small to medium size parts.

Applications Include:

• Programmable marking • Component identification • Component traceability • Serial numbering • Logo marking • Security marking
• Health & safety appliance marking • Certification marking • Decorative trophy and award marking • Time and date marking • Part numbering
• Batch and shift coding • Calibration systems • Label and tag marking

Technical Specifications

- Marking Area: 100mm x 75mm
- Std. Character Sizes: 0.18mm - 99.9mm in increments of 0.18mm
- Marking Formed: 5 x 7, 7 x 9, Varidot, Windows true type fonts*, DXF, HPGL
- Min PC Req: 1GHz Pentium or equivalent with USB port
- Operating System: Windows 2000, Windows XP, Windows Vista, Windows 7 & 8

Features:

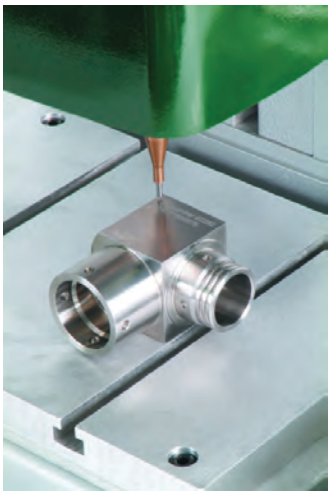
Quiet, Efficient and Accurate Marking

- Variable force control ensures optimum mark depth for all engineering materials up to 62 HRc (800 Hv)
- No air supply required - runs on standard mains current
- Highly efficient and significantly quieter than pneumatically actuated systems
- The lead-screw driven marking head guarantees dot precision unmatched on other low cost systems

MARKMASTER Software

- Easy to use Windows based package combined with the USB connectivity brings printer like functionality to the field of permanent component dot marking
- Enables on-screen creation of marking layouts using a simple drag and drop graphical interface.
- Allows the creation and marking of logos using the in-built graphics tools, alternatively DXF and HPGL formats can be imported from other CAD systems.
- Easy programming and tool path preview (machine outlines the marking position on the part itself)
- The multilingual user interface allows users to choose between different character fonts and type sizes as well as angular and arc marking, serial numbers, date and time marking

The machine comes with a 12 months manufacturer's warranty.



PRY3000LABEL

PRYFOOTSWITCH

PRYMARKMATE USB ADV	703949	Bench mounted, Marking Area 100mm x 75mm

ACCESSORIES AND SPARE PARTS

PRYSTY4X50	704374	Standard Stylus for Markmate 4 x 50mm
PRYSTYSPRINGMM	704379	Standard Stylus Spring for Markmate
PRYNOS4X50	703952	Standard Nose Piece for Markmate
PRY3000LABEL	703588	Label Fixture for name plates
PRYFOOTSWITCH	703600	Optional Start Pedal, Foot operated

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE

PRYOR MARKTRONIC BENCHDOT SERIES

BENCHDOT series are robust dot marking machines designed for accuracy, speed, power and reliability.
Used for FAST permanent marking of both small and large parts - the "Rolls Royce" in marking technology.
Robust construction makes it well suited for applications in all environments.
Units are available with a variety of standard marking windows – 60mm x 60mm, 100mm x 100mm, 150mm x 150mm and 300mm x 150mm.

Applications Include:

- Permanently mark almost all engineering materials up to 62 HRc - (cast iron, stainless steel, plastics, aluminium and titanium alloys)
- Serial numbers, date codes, product reference, company logo, shift code, material batch
- 2D Data Matrix code marking
- Identify small to large batches of components
- Marking on flat to uneven surfaces
- Circumferential marking device available (optional)

Technical Specification

- Marking Area:
  60mm x 60mm
  100mm x 100mm
  150mm x 150mm
  300mm x 150mm
- Std. Character Sizes: 0.15mm – 99.9mm in increments of 0.15mm
- Marking Formed: 5 x 7, 7 x 9, Varidot, Data Matrix coding
- Marking Speed: Extremely fast – 2 x 2.5mm characters per second
- Memory Capacity: 1350 layouts

Features:

Fast, Powerful and Accurate Marking

- Capable of deep marking on all engineering materials up to 62 Rc (800 Hv)
- No air supply required - runs on standard mains current
- High consistency of marking depth
- Fully controlled number of dots per character and dot location
- All models include a high quality ball screw mechanism with unique twin linear
- - rails and twin linear bearings on each axis and a rigid cast column and base
- Significantly quieter than pneumatically operated machines

Intelligent Software

- The easy to use software allows for 4 standard font types and up to 1350 layouts to be stored
- Easy programming and tool path preview (machine outlines the marking position on the part itself)
- The multilingual user interface allows users to choose between different character fonts and type sizes as well as angular and arc marking, variable and serial numbers, date and time marking
- 2D Data Matrix coding

3000 Series Controller

- No need for a PC. The controller is a separate unit to ensure it is protected from the mechanical shock loading during the marking operation
- Very large and high contrast graphical screen ensures visuals at any angles
- Full QWERTY membrane keyboard (possibility of external keyboard)
- 2 x RS232 communication port
- Digital I/O (8 Input, 6 Output)
- Ethernet TCP/IP (optional)

All machines come with a 12 months manufacturer's warranty.

PRYBENCHDOT100	**703592**	Bench mounted, Marking Area 100mm x 100mm	Configuration options available: • Pneumatic option for extra deep marking for all size models • Programmable digital Z axis option with AutoSense for all size models • PC operated systems option for all size models by combining these controller operated machines with the MARKMASTER Windows software
PRYBENCHDOT150	**703593**	Bench mounted, Marking Area 150mm x 150mm	
PRYBENCHDOT300	**703595**	Bench mounted, Marking Area 300mm x 150mm	

ACCESSORIES AND SPARE PARTS

PRYSTY3X100	**704372^**	Standard Stylus for Benchdot Series 3mm x 100mm	PRY3000LABEL
PRYSTYSPRING3000	**704378^**	Standard Stylus Spring for Benchdot Series	
PRYNOSEPIECE100	**711888**	Standard Nose Piece for Benchdot Series	
PRY3000LABEL	**703588**	Label Fixture for name plates	
PRYFOOTSWITCH	**703600**	Start Pedal, Foot operated	PRYFOOTSWITCH
PRYBARCODEREADER	**703590^**	Bar Code Reader for 3000 Series Controller	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE

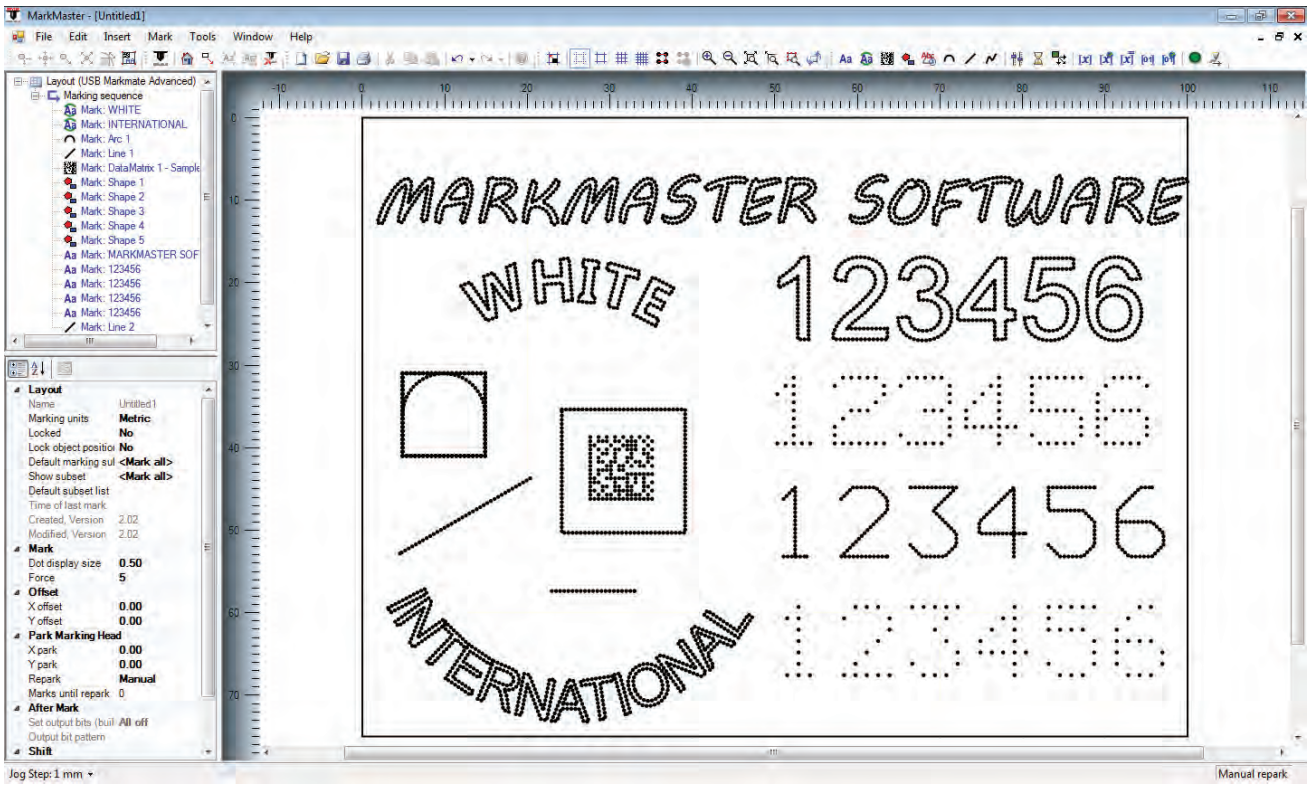
PRYOR MARKMASTER SOFTWARE

Windows based software that allows connecting and operating the BENCHDOT marking units via PC.
MARKMASTER is developed using the latest .net technology and is the most powerful PC based direct part mark software available.

Features include:

- Extensive material settings library
- Tool path preview with individual vector visualization
- Advanced Database connectivity features - query marking data from and write back to Excel, Access, SQL Server, MySQL etc.
- Off-line layout programming
- Extensive library of high speed dot and vector fonts (inc. all Windows True Type Fonts)
- Graphical shape tools
- HPGL/DXF/BMP/JPG file importer for logo marking
- Highly configurable serial numbering features
- 1D and 2D barcode support with advanced Data Matrix cell fill control for marking extremely small DMx codes
- Programmable user prompts with barcode scanner interface
- Multi-Object 'editing and pilot beam' previewing
- Automatic Z axis control for marking varied height parts
- Rotary / circumferential axis control for marking around cylindrical parts.
- Multi-lingual

PRYMARKMASTER 3000	**703947^**	Marking Software for BENCHDOT series units



NEW PELICAN CASE

Allows easy and safe transprotation of your Markmate Machine.
Custom foam inserts ensure a perfect fit.
Wheels and pull handle to easily move the machine.
Item Code: 800453^

PRYOR

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE

MARKTRONIC PORTADOT SERIES

Portable, programmable dot marking machines for use in applications where bringing the marking device to the work piece is a prerequisite. Uncompromising build quality and lightweight design ensure the PORTADOT series portable marking units are suitable for use in virtually any environment.
Units are available with a variety of standard marking windows – 50mm x 25mm, 130mm x 30mm

Applications Include:

- 2D Data Matrix marking • Component traceability • Steel Stock marking • Serial numbering
- Chassis marking • Time and date marking • Cast and forge marking • Batch and shift coding
- Programmable marking • Part numbering • Component identification

Technical Specification

- Marking Area: 50mm x 25mm/130mm x 30mm
- Std. Character Sizes: Model 50-25E 0.15mm – 24.99mm in increments of 0.15mm
  Model 130-30E 0.30mm – 99.99mm in increments of 0.15mm
- Marking Formed: 5 x 7, 7 x 9, Varidot, 2D Data Matrix
- Marking Speed: Extremely fast – 2 x 2.5mm characters per second
- Memory Capacity: 1350 layouts

Features:

Portable and Powerful

- Professional design for industrial applications - robust components enclosed in sturdy housing
- Consistent deep permanent marking on all engineering materials and plastics to 62 HRc (800 Hy)

Quiet, Fast, Efficient and Reliable Marking

- No air supply required - runs on standard mains current
- Highly efficient and significantly quieter than pneumatically actuated systems
- The high torque motors and the lead-screw driven marking head guarantees dot precision unmatched on other portable systems

Intelligent Software

- The easy to use software allows for 4 standard font types and up to 1350 layouts to be stored
- Easy programming and tool path preview (machine outlines the marking position on the part itself)
- The multilingual user interface allows users to choose between different character fonts and type sizes as well as angular and arc marking, variable and serial numbers, date and time marking
- 2D Data Matrix coding

3000 Series Controller

- No need for a PC. The controller is a separate unit to ensure it is protected from the mechanical shock loading during the marking operation
- Very large and high contrast graphical screen ensures visuals at any angles
- Full QWERTY membrane keyboard (possibility of external keyboard)
- 2 x RS232 communication port
- Digital I/O (8 Input, 6 Output)
- Ethernet TCP/IP (optional)

The machine comes with a 12 month manufacturer's warranty.

PRYPORTADOT50-25E

PRYPORTADOT50-25E with BASE

PRYPORTADOT130-30E

PRYPORTADOT 100-75 EH

3000 SERIES CONTROLLER

PRYPORTADOT 50-25E	**704356**	Portable, Separate Controller, Marking Area 50mm x 25mm
PRYPORTADOT130-30E	**711877**	Portable, Separate Controller, Marking Area 130mm x 30mm
PRYPORTADOT 100-75 EH	**800605**	Portable Machine, Marking area 100mm x 75mm
ACCESSORIES AND SPARE PARTS		
PRYPORTABASE	**704355**	Column and Base for PORTADOT 50-25E model
PRYPORTABASE130-30E	**800073**	Column and Base for PORTADOT 130-30E model
PRYSTY4X50	**704374**	Standard Stylus for PORTADOT Series 4mm x 50mm
PRYSTYSPRINGMM	**704379**	Standard Stylus Spring for PORTADOT series
PRYNOS4X50	**703952**	Standard Nose Piece for PORTADOT series
PRYBARCODEREADER	**703590^**	Bar Code Reader for 3000 Series Controller

DRILL CHUCKS

CLAMPING TECHNOLOGY

RÖHM is setting new standards in the production of all types of chucking tools from the smallest drill chuck to the most modern and high-tech special design. RÖHM products are designed by engineering specialists, who utilise the latest production equipment to manufacture and check the world's best chucking products. The RÖHM product range is unbeatable, and offer a custom design solution to meet your specific needs.

RÖHM see quality, precision, consulting and service as obligations.

SPECIALISING IN:

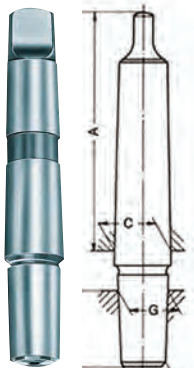
Drill Chucks • Chuck Adapters • Tailstock Centers • Lathe Chucks
Precision & Machine Vices.

12 MONTHS WARRANTY

PART NO.	ITEM		CAPACITY	KEY	MOUNT	BARCODE	IMAGE
EXTRA							
For 240 volt electric or battery powered drills and screwdrivers up to 550 Watt capacity. Very ergonomical, easy to handle and equipped with a metal nose piece. Complete with through hole for reversible power tools. Packaged to suit Merchandiser stand.							Extra or Extra RV (Plastic Outer)
ROM1-664465	**704529**		1 - 10mm	keyless	3/8" x 24	4019208129334	
ROM1-664466	**704530**		1.5 - 13mm	keyless	3/8" x 24	4019208129341	
ROM1-767554	**704533**		1.5 - 13mm	keyless	1/2" x 20	4019208150581	
EXTRA RV							
RV Chucks have a radial locking ratchet mechanism for impact / percussion drilling. This mechanism prevents drills coming loose in the drill chuck which is particularly useful when impact or percussion drilling. For 240 volt electric or battery powered drills and screwdrivers up to 1000 Watt capacity. 13mm chucks have carbide inserts within the chuck jaws for greater gripping force. Very ergonomical, easy to handle and equipped with a metal nose piece. Complete with through hole for reversible power tools. Packaged to suit Merchandiser stand.							in all 13mm RV Chucks
ROM1-664467	**704531**		1 - 10mm	keyless	3/8" x 24	4019208129358	
ROM1-767639	**704535**		1 - 10mm	keyless	1/2" x 20	4019208150666	
ROM1-767657	**704537**		1.5 - 13mm	keyless	3/8" x 24	4019208150697	
ROM1-767692	**704539**		1.5 - 13mm	keyless	1/2" x 20	4019208150765	
EXTRA RV with Metal Outer Sleeve							
This chuck has all the features of the Extra RV Chucks plus it has a Metal Outer Sleeve. Suitable for all drills up to 1100 Watt capacity. SUPERIOR GRIP with CARBIDE Inserts within the Jaws. Packaged to suit Merchandiser stand.							Extra RV (Metal Outer) ROM1-802490
ROM1-1033051	**704485**		1.5 - 13mm	keyless	3/8" x 24	4019208199238	
ROM1-802490	**704542**		1.5 - 13mm	keyless	1/2" x 20	4019208176932	
SUPRA Type 138							
All metal construction makes them suited to any capacity drill and the most rugged use by an operator. Rapid clamping and releasing of drill bits. Self tightening. These chucks are not suitable for impact drilling (Use Supra SK). Packaged to suit Merchandiser stand.							
ROM1-1015995	**704482**	Was ROM1-061684	0.5 - 10mm	keyless	3/8" x 24	4019208196022	
ROM1-1014172	**704481**	Was ROM1-061689	1 - 13mm	keyless	3/8" x 24	4019208196725	
ROM1-1033001	**704483**	Was ROM1-061691	1 - 13mm	keyless	1/2" x 20	4019208177212	
SUPRA SK Type 141							
The strongest chucks for portable power tools. Quick action, self tightening keyless drill chuck for impact / percussion drilling. Automatic re-tightening in proportion to cutting force means that the clamping force is preserved even with the toughest jobs. The safety lock prevents the chuck from opening even when subjected to the highest vibration and impact frequencies. The chucks are sealed against swarf and dirt. Only ROM1-249804 is packaged to suit the merchandiser stand. * = ROM1-863921 has an additional thread lock for reversible power tools.							
ROM1-249804	**704504**		1 - 13mm	keyless	1/2" x 20	4019208067704	
ROM1-863921	**704544**		1 - 13mm *	keyless	1/2" x 20*	4019208178455	
SUPRA Type 136							
Heavy duty industrial design for stationary drilling machines. Rapid clamping and releasing of drill bits. Self tightening during operation. High concentricity for accurate drilling. Spare parts available.							
ROM1-871044	**704563**	Was 020159	0 - 10mm	keyless	3/8" x 24	4019208189802	
ROM1-871052	**704568**	Was 020105	1 - 13mm	keyless	J2	4019208189833	
ROM1-871054	**704569**	Was 020113	1 - 13mm	keyless	J6	4019208189857	
ROM1-871055	**704570**	Was 020167	1 - 13mm	keyless	1/2" x 20	4019208189871	
ROM1-871066	**704578**	Was 020121	3 - 16mm	keyless	J6	4019208192512	

PART NO.	ITEM		CAPACITY	KEY	MOUNT	BARCODE	IMAGE
SPIRO Type 134							
The highest precision keyless drill chuck available. All parts subject to wear are hardened and ground. They have the best concentricity possible, with a runout of less than 0.05mm. We also have 4mm, 6.5mm, and 8mm capacity chucks available. Also available are the Spiro SK series, that are suitable for high speed machining centres due to their locking mechanism.							
ROM1-871015	**704547**	Was 019953	1 - 13mm	keyless	J6	4019208192710	
ROM1-871018	**704548**	Was 019961	3 - 16mm	keyless	J6	4019208208381	
PRIMA Type 116							
Keyed Chuck for all portable power tools and hand operated drilling machines. Suitable for impact/ percussion drilling, although we do recommend the Prima - Mat range for the tough jobs. Packaged to suit Merchandiser stand. * = with through hole for reversible power tools.							
ROM1-636614	**704528**		1 - 10mm*	S2	3/8" x 24*	4019208177236	
ROM1-061671	**704448**		1 - 10mm	S2	1/2" x 20	4019208176482	
ROM1-082371	**704479**		1.5 - 13mm	S2	3/8" x 24	4019208178462	
ROM1-381547	**704525**		1.5 - 13mm*	S2	1/2" x 20*	4019208177229	
PRIMA BALL BEARING KEYED CHUCKS							
Designed for the Extra Heavy Duty jobs and manufactured to the highest precision to ensure the best concentricity available.							
ROM1-215000	**704487**		1 - 13mm	S10	J3	4019208227955	
ROM1-215001	**704488**		1 - 16mm	S10	J3	4019208227962	
PRIMA Type 111							
Heavy Duty Industrial designed keyed chuck for stationary drilling and hand operated percussion drilling machines. High concentricity for accurate drilling. All parts subject to wear are hardened and ground. The keyholes are hardened and the chucks are all steel construction. * = with through hole for reversible power tools.							
ROM1-072811	**704461**		0.5 - 6.5mm	S1	3/8" x 24	4019208018133	
ROM1-072628	**704454**		0.5 - 8mm	S2	3/8" x 24	4019208018027	
ROM1-317257	**704520**		1.5 - 13mm	S2	1/2" x 20*	4019208078205	
ROM1-072815	**704463**		1 - 13mm	S3	B16	4019208018157	
ROM1-072818	**704464**		1 - 13mm	S3	J6	4019208018164	
ROM1-227152	**704492**		3 - 16mm	S3	B16	4019208062747	
ROM1-072827	**704469**		1 - 16mm	S3	J3	4019208018218	
ROM1-072828	**704470**		1 - 16mm	S3	J6	4019208018225	
ROM1-072829	**704471**		1 - 16mm	S3	5/8" x 16	4019208018232	

****Please note that other types of Röhm Chucks are available upon request.****

PART NO.	ITEM		CAPACITY	KEY	MOUNT	BARCODE	IMAGE
DRILL DRIFTS							
ROM1-017076	704441		MT 1 & 2			4019208002637	
ROM1-017077	704442		MT 3			4019208002644	
ROM1-017078	704443		MT 4			4019208002651	
ROM1-017079	704444		MT 5 & 6			4019208002668	
CHUCK KEYS							
Part No.			**Keysize**	**Description**			
ROM1-026411	704447		S1			4019208012759	
ROM1-205989	704486		S2			4019208056821	
ROM1-309380	704514		S2 AT	Suits 13mm Prima Mat		4019208069296	
ROM1-025835	704445		S3			4019208012315	
ROM1-025839	704446		S4			4019208012322	
ROM1-068006	704451		S10	Same as K3 Jacobs		4019208228921	
REDUCING SLEEVES							
^ = non stocked lines		**Outer Morse Taper**	**Inner Morse Taper**	**Dimension "L"**			
ROM1-017003	704424^	MT 2	MT 1	92mm		4019208002071	
ROM1-017004	704425^	MT 3	MT 2	112mm		4019208002088	
ROM1-017007	704428^	MT 4	MT 3	140mm		4019208002118	
ROM1-017006	704427^	MT 4	MT 2	124mm		4019208002101	
ROM1-017005	704426^	MT 4	MT 1	124mm		4019208002095	
ARBORS							
Part No.		**Morse Taper**	**Drill Chuck Mount**	**Dim. "C"**	**Dim. "G"**		Morse Taper end  Drill Chuck Mount end. This must match the Drill Chuck Mount.
ROM1-014981	704410	MT 2	J6	17.780	17.170	4019208001791	
ROM1-014980	704409	MT 2	J33	17.780	15.850	4019208001784	
ROM1-014984	704412	MT 3	J3	23.825	20.599	4019208001814	
ROM1-014988	704416	MT 3	J6	23.825	17.170	4019208001838	
ROM1-014991	704417	MT 4	J3	31.267	20.599	4019208001845	
ROM1-014995	704419	MT 4	J6	31.267	17.170	4019208001852	

LATHE CHUCKS

Rohm's Geared Scroll Chuck is a proven design for universal use. The chuck body is made from a special grade of Cast Iron for life long performance. The scroll is drop forged and balanced, hardened with the thread flanks ground on both sides. Each chuck comes with a set of inside jaws and a set of outside jaws that are hardened and ground. You'll pay a bit more for a Rohm chuck, but it's performance, concentricity and repeatability is second to none.

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Rohm also manufacture:
- Higher Precision Live centres
- Carbide tipped Live centres
- Live centres with Draw-off Nut,
- Various types of live centre for high speed work,
- Live centres with Pressure Display
- Live centres for Very Heavy-Duty machining (workpieces up to 20,000kg)
- Constant face Drivers, Dead Centres.
- 4 Jaw Independent and self centering chucks and Machine Vices etc.

More detailed information can be found at **www.roehm.biz/en/home**

WHITE INTERNATIONAL

TOOL STORAGE

Quality • Strength • Security

COMPLETE SOLUTIONS

Tool Chests
Roller Cabinets
Side Lockers
Hand Boxes
Utility Carts
Truck Boxes
Site Boxes
Shelving
Cabinets

TERMS AND CONDITIONS
(Subject to the provisions of the Trade Practices Act and Goods and Consumer Protection Legislation of various states)
White International Pty Ltd warrants that the toolboxes we distribute are free from manufacturers defect in workmanship and materials, for 12 months from the date of purchase. Subject to the conditions of the warranty White International will replace part/s and or item free of charge. This warranty excludes any product defects due to neglect, abuse or misuse of the product. None of our toolboxes are warranted for use in mobile vehicle situations except for our truck boxes. White International toolboxes are not designed to be used on uneven surfaces. White International toolboxes left in direct sunlight may be prone to fading. Our warranty commences from the date of purchase and is not transferable. The warranty only covers the original owner, purchaser or end user and is subject to the Trade Practices Act and Goods and Consumer Protection legislation of the various states. Proof of purchase along with appropriate documentation is required before consideration under warranty is given.

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
BALL BEARING TOOL CHESTS				
TOOL CHESTS				
• Heavy gauge sheet steel • Tough Industrial Powder coating • Fully extendable drawers • Aluminium drawer handles / Moulded side handle • Includes drawer liners • Double walled fabrication • Rolled edge construction • Full length Piano Hinges • Snap-lock drawers				
WHI503B	**710746**	**TOOL CHEST 6 DRAWER BALL BEARING SLIDES and lockable drop front** 660W X 310D X 370H (mm) Gross Weight: 26.1 kg Net Weight: 24.1 kg Internal drawer measurements 3 Drawers: 171Wx265Dx45H (mm) 2 Drawers: 575Wx265Dx45H (mm) 1 Drawer: 575Wx265Dx62H (mm) 1 Tray: 520Wx210Dx45H (mm) • 10" Ball bearing slides • Double lid support	9312198830675	
WHI508B	**710750**	**TOOL CHEST 8 DRAWER BALL BEARING SLIDES and lockable drop front - LARGE SIZE 8 DRAWER** 660W X 360D X 420H (mm) Gross Weight: 32.8 kg Net Weight: 30.6 kg Internal drawer measurements 6 Drawers: 172Wx320Dx45H (mm) 1 Drawer: 575Wx320Dx45H (mm) 1 Drawer: 575Wx320Dx115H (mm) 1 Tray: 520Wx210Dx45H (mm) • 12" Ball bearing slides • Double lid support	9312198854503	
WHI509B	**710752**	**TOOL CHEST 9 DRAWER BALL BEARING SLIDES and lockable drop front** 660W X 360D X 420H (mm) Gross Weight: 36 kg Net Weight: 34 kg Internal drawer measurements 6 Drawers: 172Wx320Dx45H (mm) 2 Drawers: 575Wx320Dx45H (mm) 1 Drawer: 575Wx320Dx62H (mm) 1 Tray: 520Wx210Dx45H (mm) • 12" Ball bearing slides • Double lid support	9312198831665	
WHI510B	**710753**	**TOOL CHEST 11 DRAWER BALL BEARING SLIDES and lockable drop front** 660W X 460D X 520H (mm) Gross Weight: 52.0 kg Net Weight: 47.8 kg Internal drawer measurements 7 Drawers: 172Wx408Dx48H (mm) 1 Drawer: 172Wx408Dx103H (mm) 2 Drawers: 575Wx408Dx48H (mm) 1 Drawer: 575Wx408Dx95H (mm) 1 Tray: 520Wx210Dx45H (mm) • 14" Ball bearing slides • Gas Struts	9312198830699	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
WHI514B	**710754**	**TOOL CHEST 14 DRAWER BALL BEARING SLIDES** 1030W X 440D X 590H (mm) Gross Weight:76.0 kg Net Weight: 65.5kg Internal drawer measurements 9 Drawers left 170Wx348Dx45H (mm) 2 Drawers left 575Wx348Dx45H (mm) 1 Drawer left 575Wx348Dx62H (mm) 2 Drawers right 315Wx348Dx140H (mm) • 14″ Ball bearing slides • Gas Struts	9312198832297	
WHIC56-9B	**710801**	**TOOL CHEST 9 DRAWER BALL BEARING TOP GUN to suit WHI880B** 1410W X 610D X 490H (mm) Gross Weight:121.0 kg Net Weight: 105.0 kg Internal drawer measurements 4 Drawers left 630Wx550Dx45H (mm) 1 Drawer left 630Wx550Dx110H (mm) 3 Drawers right 630Wx550Dx45H (mm) 1 Drawer right 630Wx550Dx160H (mm) • 20″ Ball bearing slides • Gas Struts	9312198847284	
TOOL CHEST ADD-ONS • Heavy gauge sheet steel • Tough Industrial Powder coating • Fully extendable drawers • Aluminium drawer handles / Moulded side handle • Includes drawer liners & top mat • Double walled fabrication • Rolled edge construction • Snap-lock drawers				
WHI505B	**710748**	**TOOL CHEST 2 DRAWER BALL BEARING ADD-ON To suit 491B, 496B, 499B, 502B, 503B & 504B** 691W X 320D X 300H (mm) Gross Weight: 13.8 kg Nett Weight: 12.1 kg Internal drawer measurement Drawers: 575Wx273Dx100H (mm) • 10″ Ball bearing slides	9312198830705	
WHI507B	**710749**	**TOOL CHEST 3 DRAWER BALL BEARING ADD-ON** To suit 491B, 496B, 499B, 509B & 510B 670W X 450D X 250H (mm) Gross Weight: 19.5 kg Net Weight: 17.7 kg Internal drawer measurements 2 Drawers: 575Wx408Dx48H (mm) 1 Drawers: 575Wx408Dx62H (mm) • 14″ Ball bearing slides	9312198842159	

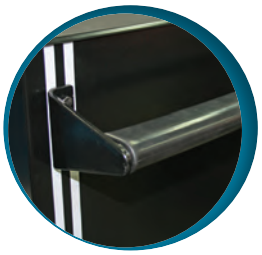
PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
HAND BOXES				
WHIT400DR	**800108**	**TOOL BOX DIAMOND PLATE RED** 400W X 170D X 190H (mm) Gross Weight: 1.2 kg Net Weight: 0.9 kg • Tough Powder coating finish • Steel reversed triangular cross bar carry handle	9312198856040	
WHI620	**710756**	**TOOL BOX WITH TOTE TRAY** 510W X 250D X 250H (mm) Gross Weight: 6.5 kg Net Weight: 5.5 kg Internal drawer measurement Tote tray: 478Wx233Dx45H (mm) • Heavy gauge sheet steel • Tough Industrial Powder coating • Reinforced Lid / With Lift-out Tray • Chrome Plated Hasp & Staple except padlock	9312198848045	
WHI621	**710757**	**TOOL BOX CANTILEVER 5 TRAY** 540W X 200D X 210H (mm) Gross Weight: 5.7 kg Net Weight: 5.1 kg • Heavy gauge sheet steel • Tough Industrial Powder coating • Feature based compartment plus four cantilever shelves	9312198831429	
WHITB200	**800042**	**TOOL BOX CANTILEVER 3 TRAY** 460W X 208D X 198H (mm) Gross Weight: 7.1 kg (pack of 2) Net Weight: 3.0 kg (ea) • Heavy duty carry handle • Tough Powder coating finish • Security latch for padlocking • Sold in packs of 2	9312198856170	
WHITB500	**800043**	**TOOL BOX CANTILEVER 5 TRAY** 460W X 205D X 260H (mm) Gross Weight: 9.8 kg (pack of 2) Net Weight: 4.2 kg (ea) • Heavy duty carry handle • Tough Powder coating finish • Security latch for padlocking • Sold in packs of 2	9312198856187	
WHITB100	**800041**	**TOOL BOX HANDY RED TOOL BOX** 385W X 160D X 140H (mm) Gross Weight: 2.9 kg (pack of 2) Net Weight: 1.3 kg (ea) • Heavy duty carry handle • Tough Powder coating finish • Security latch for padlocking • Sold in packs of 2	9312198856088	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
BALL BEARING ROLLER CABINETS				
ROLLER CABINETS				
• Heavy gauge sheet steel • Tough Industrial Powder coating • Aluminium drawer handles for easy grip • Includes drawer liners • Includes top mat • Fully extendable drawers • Snap-lock drawers • Double walled fabrication • Rolled edge construction				
WHI491B	**710742**	**ROLLER CABINET 7 DRAWER BALL BEARING SLIDES** 675W X 460D X 910H (mm) Gross Weight: 57.5 kg Weight: 54.8 kg Internal drawer measurements 4 Drawers: 581Wx403Dx45H (mm) 3 Drawers: 581Wx403Dx100H (mm) • 16″ Ball bearing slides • Includes lockable drop front for security. • Complete with 125KG castors -2 fixed and 2 swivel castors with brakes	9312198830712	
WHI496B	**710743**	**ROLLER CABINET 11 DRAWER BALL BEARING SLIDES** 680W X 460D X 1070H (mm) Gross Weight: 77.5 kg Net Weight: 74.0 kg Internal drawer measurements 4 Drawers: 274Wx402Dx45H (mm) 4 Drawers: 582Wx402Dx45H (mm) 2 Drawers: 582Wx402Dx100H (mm) 1 Drawer: 582Wx402Dx150H (mm) • 16″ Ball bearing slides • Includes lockable drop front for security. • 250kg heavy duty castors	9312198830729	
WHI753B	**710758**	**ROLLER CABINET 16 DRAWER BALL BEARING SLIDES** 1040W X 460D X 1020H (mm) Gross Weight: 120.10 kg Net Weight: 107.90 kg Internal drawer measurements 5 Drawers left: 580Wx402Dx45H (mm) 5 Drawers right: 302Wx402Dx45H (mm) 2 Drawers left: 580Wx402Dx100H (mm) 1 Drawer left: 580Wx402Dx150H (mm) 2 Drawers right: 302Wx402Dx100H (mm) 1 Drawer right: 302Wx402Dx150H (mm) • 16″ Ball bearing slides • Includes lockable drop fronts for security. • Complete with heavy duty 250kg castors, 2 fixed and 2 swivel castors with brakes	9312198831405	
WHI880B	**710760**	**LONGREACH ROLLER CABINET 13 DRAWER BALL BEARING SLIDES** 1430W X 620D X 1000H (mm) Gross Weight: 187.0 kg Net Weight: 169.0 kg Internal drawer measurements 1 Drawer: 1302Wx530Dx90H (mm) 10 Drawers: 625Wx530Dx60H (mm) 2 Drawers: 625Wx530Dx125H (mm) • 20″ Ball bearing slides • Complete with heavy duty 250kg castors, 2 fixed and 2 swivel castors with brakes	9312198842104	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
SIDE LOCKERS				
• Heavy gauge sheet steel • Tough Industrial Powder coating • Aluminium drawer handles • Includes drawer liners • Snap-lock drawers • Double walled fabrication • Rolled edge construction				
WHISL-402	**710847**	**SIDE LOCKER 2 DRAWER SUITS 753B** To suit WHI753B can also be used as add-on for WHI496B 360W X 460D X 850H (mm) Gross Weight: 25.0 kg Net Weight: 23.0 kg Internal drawer measurement 2 Drawers 250Wx370Dx60H (mm) • 14" Ball bearing slides	9312198847307	
WHISL-408	**710848**	**SIDE LOCKER 8 DRAWER SUITS 753B** To suit WHI753B can also be used as add-on for WHI496B 360W X 460D X 850H (mm) Gross Weight: 38.1 kg Net Weight: 35.6 kg Internal drawer measurements 1 Drawer 255Wx370Dx75H (mm) 6 Drawers 255Wx370Dx55H (mm) 1 Drawer 255Wx370Dx130H (mm) • 14" Ball bearing slides	9312198847314	
WHI518	**710755**	**SIDE SHELF** To suit 491B, 496B, 499B & 753B Roll Cabs 470W X 360D X 40H (mm) Gross Weight: 3.6 kg Net Weight: 3.4 kg 465Wx362Dx41H (mm) • Heavy gauge sheet steel	9312198831368	
TROLLEY				
WHIT700B	**710850**	**TROLLEY 3 TIER W BALL BEARING DRAWER** 720W X 420D X 910H (mm) Gross Weight: 26.7 kg Net Weight: 25.6 kg Internal drawer measurement 1 Drawer: 566Wx268Dx65H (mm) • Heavy gauge sheet steel • Tough Industrial Powder coating • Feature 2 based compartment for easy access • 10" Ball Bearing Drawer Slides • Including top mat & draw liner	9312198831412	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
PRO SERIES				
TOOL CHESTS				
• Black economy version tool chest • Tough Industrial Powder coating • Fully extendable drawers with ball bearing slides • Aluminum drawer handles • Moulded side handles • Includes drawer liners • Double walled fabrication • Rolled edge construction				
WHIPTC106	710823	**PRO SERIES - 9 DRAWER TOOL CHEST BALL BEARING SLIDES** 660W X 305D X 420H (mm) Gross Weight: 28.0 kg Net Weight: 26.4 kg Internal drawer measurements 1 Drawer: 575Wx265Dx66H (mm) 2 Drawers: 575Wx265Dx51H (mm) 6 Drawers: 170Wx265Dx51H (mm) 1 Tray: 440Wx180Dx82H (mm) Updated look due to arrive late 2014.	9312198855104	
ROLLER CABINET				
WHIPMT111	710817	**PRO SERIES - 7 DRAWER ROLLER CABINET BALL BEARING SLIDES** 685W X 465D X 955H (mm) Gross Weight: 53.0 kg Net Weight: 49.0 kg Internal drawer measurements 2 Drawers: 584Wx380Dx153H (mm) 5 Drawers: 584Wx380Dx74H (mm) • Black economy version roller cabinet • Heavy gauge sheet steel • Tough Industrial Powder coating • Chrome plated tube side handle • Ball bearing slides • Aluminium drawer handles for easy grip • Includes drawer liners and top mat • Complete with 125kg castors - 2 fixed and 2 swivel castors with brakes. Updated look due to arrive late 2014.	9312198855111	

PRO SERIES - New look arriving late 2014
- New look ABS handles
- Updated chrome castors
- ABS side handle



PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
SHELVING UNITS				
WHIPCRE604B	**800036**	**SHELVING UNIT 4 SHELF BLACK 60KG** 710W X 300D X 1370H (mm) Gross Weight: 5.4 kg Net Weight: 5.0 kg • Tough industrial powder coating • Rolled edging for non cut safety & strength • Assembly with nuts & bolts for a fixed join • Comes in colour carton • Product on shelving not included	9312198856194	
WHIPCRE1754	**800037**	**SHELVING UNIT 4 SHELF BLACK 175KG** 820W X 320D X 1500H (mm) Gross Weight: 13.7 kg Net Weight: 13.1 kg • Tough industrial powder coating • Rolled edging for non cut safety & strength • 9mm MDF laminated board shelving • Simply assembles with a hammer, no nuts or bolts • Comes in colour carton • Product on shelving not included	9312198856200	
WHIPCRE3003	**800038**	**SHELVING UNIT 3 SHELF 300KG WORKBENCH** 1158W X 567D X 914H (mm) Gross Weight: 25.0 kg Net Weight: 24.0 kg • Tough industrial powder coating • Rolled edging for non cut safety & strength • 15mm MDF board benchtop • 12mm MDF board shelving • Simply assembles with a hammer, no nuts or bolts • Product on shelving not included	9312198856026	
WHIPCRE4005	**800039**	**SHELVING UNIT 5 SHELF 400KG** 910W X 408D X 1800H (mm) Gross Weight: 26.4 kg Net Weight: 25.3 kg • Tough industrial powder coating • Rolled edging for non cut safety & strength • 12mm MDF laminated board shelving • Simply assembles with a hammer, no nuts or bolts • Comes in colour carton • Product on shelving not included	9312198856019	
STORAGE CABINET				
WHISC6600	**800047**	**STORAGE CABINET GREY HAMMER 1.68M** 762W X 381D X 1680H (mm) Gross Weight: 33.1 kg Net Weight: 30.0 kg • Tough industrial powder coating • Knock down style • Bolts / nuts design • 3 shelves - adjustable • 3 point locking system for added security • Product on shelving not included	9312198856033	

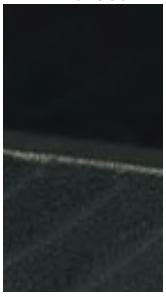
PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
SITE BOXES				
• Tough industrial powder coating • Full welding for maximum strength • Recessed steel powder coated tube side handles • Recessed locking area protects contents • 2 full length metal feet • Full length piano hinge • Heavy gauge sheet steel • Now with gas struts				
WHISB445	**710830**	**SITE BOX 445** 812W X 483D X 445H (mm) Gross Weight: 32.0 kg Net Weight: 30.5 kg	9312198855173	
WHISB565	**710831**	**SITE BOX 565** 1067W X 508D X 595H (mm) Gross Weight: 48.2 kg Net Weight: 45.8 kg	9312198855180	
WHISB700	**710832**	**SITE BOX 700** 1219W X 610D X 700H (mm) Gross Weight: 67.4 kg Net Weight: 64.4 kg	9312198855197	
WHISB850	**710834**	**SITE BOX 850** 1219W X 762D X 850H (mm) Gross Weight: 83.6 kg Net Weight: 79.7 kg	9312198855203	
WHISB-CASTORSET	**800457**	**CASTOR SET** • To suit above heavy duty site boxes • Set contains 2 fixed and 2 swivel castors with brakes	9313213002541	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
TRUCK BOXES				
PROFESSIONAL SERIES		• Heavy gauge sheet steel • Heavy duty Silver/Grey powder coating with UV protection • Checker plate finish • Strong reinforced lid • Aluminium handles / metal badge		
WHITB10C	**710851**	**TRUCK BOX PRO 10C** 550W X 260D X 220H (mm) Gross Weight: 7.2 kg Net Weight: 6.2 kg • Full length piano hinge / 2 1/2" lock hasp staple • Metal hinge lid stay	9312198842722	
WHITB20C	**710853**	**TRUCK BOX PRO 20C** 770W X 340D X 260H (mm) Gross Weight: 15.0 kg Net Weight: 13.3 kg • Full length piano hinge 4 1/4" lock hasp staple • Metal hinge lid stay	9312198842739	
WHITB30C	**710856**	**TRUCK BOX PRO 30C** 1256W X 390D X 380H (mm) Gross Weight: 35.0 kg Net Weight: 33.0 kg • Stainless Steel lock • One pair of gas struts	9312198842746	
WHITB40C	**710858**	**TRUCK BOX PRO 40C** 1380W X 500D X 440H (mm) Gross Weight: 48.5 kg Net Weight: 44.5 kg • Stainless Steel lock • One pair of gas struts	9312198842753	
UPRIGHT		• Tough industrial powder coating • Diamond plate finish • Lid reinforcer protects from forced entry • Gas struts for lid support		
WHIUPTB900	**800049**	**TRUCK BOX UPRIGHT** 900W X 500D X 700H (mm) Gross Weight: 32.0 kg Net Weight: 29.3 kg • 1 shelf for added storage • 1 x stainless steel lock	9312198856095	
WHIUPTB1220R	**710862**	**TRUCK BOX UPRIGHT** 1220W X 500D X 700H (mm) Gross Weight: 42.0 kg Net Weight: 38.0 kg • 2 shelves for added storage • 2 off stainless steel locks with recessed lock handles	9312198855166	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
HANDY SERIES				
• Tough industrial powder coating • Diamond plate finish • Lid reinforcer protects from forced entry • Locking hasp and staple • Powder coated steel side handles				
WHITB10D	**710852**	**TRUCK BOX HANDY 10D** 553W X 226D X 217H (mm) Gross Weight: 4.4 kg Net Weight: 3.8 kg • 2 pcs of 2" piano hinges	9312198855128	
WHITB20D	**710855**	**TRUCK BOX HANDY 20D** 777W X 344D X 257H (mm) Gross Weight: 8.4 kg Net Weight: 7.2 kg • 2 pcs of 2" piano hinges	9312198855135	
WHITB30D	**710857**	**TRUCK BOX HANDY 30D** 1152W X 388D X 384H (mm) Gross Weight: 16.2 kg Net Weight: 14.3 kg • 2 pcs of 3" piano hinges	9312198855142	
WHITB40D	**710859**	**TRUCK BOX HANDY 40D** 1383W X 494D X 440H (mm) Gross Weight: 24.1 kg Net Weight: 21.5 kg • 2 pcs of 3" piano hinges	9312198855159	
HANDY SERIES - GALVANISED				
WHITB30DG20DG	**800040**	**TRUCK BOX TWIN PACK 30D + 20D GALVANISED** Total Gross Weight: 22.7 kg Total Net Weight: 20.6 **20DG:** 777W X 360D X 257H (mm) • 2 pcs of 2" piano hinges **30DG:** 1152W X 388D X 384H (mm) • 2 pcs of 3" piano hinges	9312198856071	

PART NO.	ITEM	DESCRIPTION	BARCODE	IMAGE
TOOL STORAGE SPARE PARTS				
LOCKS & KEYS				
WHIBL505B	800488	Double sided with plastic mould to suit: WHIPMT111		
WHIBL500B	800489	Double sided with plastic mould to suit: WHIPTC105		
WHIBL900B	800490	Double sided with plastic mould to suit: WHIPTC106		
WHIBLUPTB1220R	800491	Double sided with plastic mould to suit: WHIUPTB1220R/900		
WHIBL800	710784	Double sided with plastic mould to suit: WHI408B/505B/507B/880B		
WHIBL400	710779	Double sided with plastic mould to suit: WHI499B/491B/496B/753B		
WHIBL500	710780	Double sided with plastic mould to suit: WHI504/503/502/509/510		
WHIBL505	710781	Double sided with plastic mould to suit: WHI505/507/WHI880/WHISL408		
WHIBL600	710782	Double sided with plastic mould to suit: WHI514		
WHIBL700	710783	Double sided with plastic mould to suit: WHISL402		
WHITL10/20C	710860	To suit: WHITB10C/20C		
WHITL30/40C	710861	To suit: WHITB30C/40C		
SLIDES				
WHIBSLIDE10B	800486	10" (254mm) WHIPTC105/106		
WHIBSLIDE14B	800487	14" (356mm) WHIPMT111		
WHIBSLIDE10	710792	10" (254mm) WHI504/503/502/505/700		
WHIBSLIDE12	710793	12" (300mm) WHI509		
WHI510BP-BS	710794	14" (356mm) WHI510/514/507 WHISL402/408		
WHIBSLIDE16	710796	16" (400mm) WHI499/491/496/753		
WHIBSLIDE20	710797	20" (500mm) WHI880/WHIC56-9/WHISL507		
CASTORS				
WHIBFC111	800493	fixed to suit WHIPMT111		
WHIBSC111	800492	swivel to suit WHIPMT111		
WHIBFC500D	710772	fixed 125 kg WHI499/491		
WHIBSC500D	710788	swivel 125 kg WHI499/491		
WHIBFC753	710773	fixed 250 kg WHI880/753/496		
WHIBSC880	710789	swivel 250 kg WHI880 with brake		
WHIBSCM880	710790	swivel 250 kg WHI880 middle castor no brake		
WHIBSC500	710787	swivel 250 kg WHI753/496		
WHICSPARE SWIVEL	710808	swivel 250 kg with brake		
SIDE HANDLES				
WHISH880	710835	Chrome plated 590mm oval tube shape to suit: WHI880		
WHISHROLLCAB	710836	Chrome plated oval tube shape 440mm to suit: WHI499/491/496/753		

WHIBL500



WHITL10/20C

WHITL30/40C

WHIBSLIDE10

WHICSPARE SWIVEL

WHISHROLLCAB

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Terms & Conditions

1. QUOTATION AND FORWARD ORDERS

1.1 No quotation given by the Company shall constitute or be deemed to constitute a binding offer and a valid contract shall only exist after the Company's written acceptance of an order (whether by issue of the Company's standard invoice/ statement or otherwise). Such contract shall be subject to the conditions set out below.

1.2 Where goods have to be ordered from overseas the Company shall not be liable to the Purchaser for such an order unless and until the Manufacturer communicates its acceptance of such an order to the Company.

1.3 A quotation is valid for thirty (30) days only and the Company reserves the right to amend it if an error or omission has occurred.

2. DESCRIPTION OF GOODS

2.1 Weights and/or dimensions included in any catalogues, advertisements, illustrated matter and price lists are approximates only and details thereof shall not be binding unless and to the extent only that such details are specified in the contract.

2.2 Technical documents or drawings submitted to the Purchaser prior to a contract being entered into remain the property of the Company and shall not be copied reproduced or used by manufacturers or transmitted to a third party unless the prior written permission of the Company is obtained.

2.3 One copy of the technical data operator's handbook and spare parts list where applicable and subject to availability will be supplied by the Company to the Purchaser without charge at the time of delivery (or if unavailable, when available). Further copies shall be at the cost of the Purchaser.

3. WARRANTIES

3.1 Subject to the provisions of the contract all and any terms conditions and warranties or representations expressed or implied whether statutory or otherwise collateral or antecedent hereto or otherwise with respect to the merchantability quality condition fitness durability suitability of the goods ordered in any respect (except those expressly contained herein or incorporated herein by reference or otherwise expressly agreed to in writing by the Company) are to the extent that the same may be excluded, hereby expressly negatived and excluded.

3.2 The Purchaser shall satisfy itself as to the condition quality and suitability of the goods and the fitness of the goods for the purpose(s) for which the goods are being purchased and as to its compliance with the description (if any) of such goods. Any description shall be by way of identification only and the use of such description shall not constitute this contract sale by description.

3.3 The Company shall not, after delivery of the goods to the Purchaser, be responsible or liable (in the absence of any wilful or negligent act or omission on the part of the Company) for any liability claim loss damage or expense of any kind or nature (including but not limited to loss of profits earnings or income direct indirect consequential contingent or resulting liability loss or damage whether to persons property or otherwise) or death or injury caused by or arising out of or relating in any manner or incidental to the goods or the possession or use thereof by the Purchaser or any third party or in relation to the condition storage supply non supply performance or non-performance inadequacy in or any defect or breakdown of any accident to the goods or any item therein or anything or service provided for or contemplated by or incidental to or arising out of the distribution sale promotion display or advertisement of the goods hereunder. The Purchaser shall and does hereby release and discharge the Company from any liability in respect of any action proceeding demand claim loss damage expense death injury aforesaid.

3.4 In circumstances where the Purchaser is a "consumer" as defined for the purposes of Division 1 in Part 3.2 of Schedule 2 to the Competition and Consumer Act 2010 (Cth) (the Australian Consumer Law) ("theAustralian Consumer Law"), these conditions of sale shall not be read or applied so as to purport to exclude restrict or modify or have the effect of excluding restricting modifying the application of the consumer guarantees set out in the Australian Consumer Law. All other conditions or warranties which would or might otherwise be implied and are hereby expressly excluded and negatived.

3.5 If the Purchaser is a "consumer" for the purposes of the Australian Consumer Law, then to the extent permitted under the Australian Consumer Law the Company's liability for a breach of the consumer guarantees set out in the Australian Consumer Law including any consequential loss which the Purchaser or any third party may sustain or incur shall be limited, at the option of the Company, to:

(i) the replacement or repair of the goods concerned or the supply of equivalent goods; or

(ii) the payment of the cost or replacing or repairing the goods or of acquiring equivalent goods,whichever, may be determined in the absolute discretion of the Company to be appropriate in the circumstances. The Purchaser shall within thirty (30) days of the Purchaser first becoming aware of the facts giving rise to a claim under this provision make written claim to the Company setting out the full particulars of such claim and deliver freight prepaid to the Company the subject good(s) so as to enable the Company to examine the same and satisfy itself as to the subject claim.

3.6 The Company warrants that in the event of any defect being discovered within any warranty period granted by the Manufacturer of the subject goods or any component part or parts thereof the Company will, provided that it is satisfied that the defect is due to an inherent defect of faulty material or bad workmanship, repair or replace the defective part of the goods (as the Company shall in its absolute discretion determine) without charge upon the defective goods being returned freight prepaid to the Company. Any claim under this warranty must be made to the Company in writing within thirty (30) days of the defect being discovered.

3.7 The benefits of any warranty herein contained shall not apply in the case of:

(i) defect(s) due to misuse or neglect.

(ii) goods, which have been altered or added to or otherwise modified without the prior written consent of the Company.

(iii) goods repaired or serviced by any person other than the Company or its duly authorised representative.

(iv) goods used for purposes other than those for which they were designed as defined and/or specified in the Manufacturer's and /or the Company's catalogues, advertisements, operator's handbooks, and technical data.

3.8 If the goods are deemed to be non warranty, the purchaser will be advised of a repair cost and has 14 days to respond. If after 14 days no response has been received the goods will be returned to the purchaser at their cost.

4 SELLING PRICE

4.1 The selling price dated on the Company's invoice to the Purchaser is based upon the Manufacturer's then current selling price to the Company, the then current freight rates, customs duty, landing clearing and storage charges, insurance and foreign exchange rates. Should there be any variation in any of these rates or charges or if there is any variation as a result of, or changes in, the laws or regulations for the time being in force (whether State or Commonwealth) at or before the goods are delivered to or collected by the Purchaser (as the case maybe) then, in such event, the Company reserves the right to vary the selling price, including the profit margin of the Company as shall be appropriate in the circumstances and the Purchaser agrees to pay any such varied selling price in lieu of the original selling price.

5 DELIVERY

5.1 Unless otherwise agreed the delivery period shall run from the latest of the following dates.

(a) Acceptance of the order by the Company.

(b) The date upon which the Manufacturer receives notice of a Valid Import Licence.

(c) The date of receipt by the Company of any advance payment or Letters of Credit as may be stipulated in the contract.

(d) The date of receipt by the Manufacturer of a final order from the Company for the Manufacturer to commence manufacture of the subject goods.

(e) Standard pack quantities may apply.

(f) All deliveries must be signed for upon receipt

(g) All damaged goods must be identified upon receipt of the delivery, and the damage noted on the connote. Any damages must be reported to our Customer service team within 48 hours, and no claims will be accepted outside of our normal notification terms.

White International will not cover any damage or loss incurred after a delivery has been made to an on-forwarder, or a purchasers designated carrier. It is the purchasers responsibility to ensure that damages etc are reported by their carriers.

6. DELAY IN DELIVERY

6.1 No liability shall be attached to the Company for deliveries delayed, suspended, cancelled, part or short delivered due to an Act of God, war, riot, fire explosion, accident, flood, shortage, inability to obtain fuel, power, raw materials, labour, containers, or transportation facilities, government law, regulations, orders or action, breakage or failure of machinery or apparatus, national defence requirements or any other event beyond the reasonable control of the Company or in the event of labour trouble, strike, lockout or injunction (whether or not such labour event prevents the manufacture, shipment acceptance of a shipment of the goods or of material upon which the manufacturer of the goods is dependent.

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WHITE INTERNATIONAL

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