TAPS & DIES - ENGINEERS TOOLS



PIPE BENDER



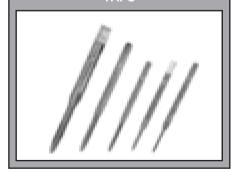
CUTTING COMPOUND



TAP WRENCHES



TADS



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TUBE CUTTERS AND BENDERS

KS MINIATURE TUBE CUTTER ideal for small bore tubing and

for insitu applications where space is limited. Cuts copper and aluminium, brass and KS Thin Wall Tubing etc with outside diameters
1.6mm - 16mm (1/16" - 5/8").



CODE	TYPE	PRICE
KS296	KS Mini Tubing Cutter No 296	£9.99

MINIATURE TUBE CUTTER for small bore tubing and for insitu applications where space is limited.

Cuts copper and aluminium etc with

Cuts copper and aluminium etc wi outside diameters 5mm-22mm (3/16"-7/8").



DRAPER MINI TUBE CUTTER 3 - 22mm an adjustable mini tube cutter for small bore tubing or in-situ applications where space is

limited. With a diecast aluminium body, hardened steel blade, two flare groove rollers and deburring reamer in adjusting knob.



CODE	TYPE	PRICE
10579	Draper Mini Tube Cutter 3 - 22mm	£14.99
26933	Spare Cutting Wheel for 10579	£2.99

TUBE CUTTER a good quality adjustable tube cutter with diecast body and hardened steel blade and rollers. The adjusting knob holds a spare blade. A retractable deburrer is also featured. Cuts

copper and aluminium tube with outside diameters 3mm - 30mm.



CODE	TYPE	PRICE
061-381	Tube Cutter 3 - 30mm	£8.99
061-382	Spare Wheels for Tube Cutter 3 - 30mm	£1.89

PIPE CLEANER AND DEBURRER used for cleaning and dedurring internal and external ends of copper pipes before soldering.

Suitable of 15mm & 22mm pipe.



CODE	TYPE	PRICE
060-400	Pipe Cleaner & Deburrer 15 & 22mm	£4.49

MINIATURE TUBE BENDING SPRINGS a set of 5 springs which can be used for brass, copper and aluminium tubing from 1/16"-3/16" outside diameter. When the spring is placed around the outside of the tube it will support the tube and create a neat kinkless bend.

Spring sizes:-1/16", 3/32",

1/16, 3/32, 1/8", 5/32" and 3/16".

CODE	TYPE	PRICE
MTBS15	Mini Tube Bending Springs Set of 5	£4.99

MINIATURE PIPE BENDER designed for bending small diameter copper, stainless steel, aluminium and steel tubes. Particularly

suitable for the hydraulic engineer, mechanic and toolmaker. Capacity:-3, 4 and 6mm (1/8, 3/16 and 1/4" O.D.).



MINIATURE PIPE BENDER a small pipe bender designed for bending small diameter copper, brass and aluminium tubes. It has

a 3-in-1 former and is calibrated for setting out left, right or offset bends up to 90° and 180° bends. Particularly suitable for the hydraulic engineer, mechanic and toolmaker. Capacity:- 6, 8 and 10mm O.D. tube.



CODE	TYPE	PRICE
070-705	L/C Mini Pipe Bender 6, 8 & 10mm	£9.99

DEBURRING TOOLS

L/C DEBURRING TOOL a low cost deburring tool with a rotating cutting blade for use on steel, copper, brass and plastic pipes. Supplied with a pocket clip.



CODE	TYPE	PRICE
060-388	L/C Deburring Tool	£4.69
060-389	Spare Blades for Deburring Tool x 2	£3.49

DEBURRING TOOL a general purpose tool for deburring edges of tubing, holes in sheet material and for chamfering after sawing steel, copper, brass, plastics, wood and castings. The non replaceable blade is manufactured from hardened steel and swivels for ease of use. Includes a pocket clip. Length overall 140mm.



EXPERT DEBURRING TOOL a high quality deburring tool with swivelling blade. Used for deburring edges of tubing, holes in sheet material and for chamfering after sawing steel, copper, brass, aluminium, plastics, wood and castings. The replaceable blades are manufactured from hardened steel and swivels for ease of use, the body of the tool is larger for improved grip. Includes M2 HSS blade. Length overall 150mm.



CODE	TYPE	PRICE
061-844	Expert Deburring Tool	£8.99
061-763	Spare Blades for Expert Deburring Tool x2	£2.49

ENGINEERS SCRAPERS

3 BLADE SCRAPER for deburring, scraping and scribing a wide range of materials including wood, plastics and metals. The chrome vanadium blade is set in a tough plastic handle. The blade has 3 cutting edges, a straight blade, a vee blade and a concave blade. With blade cover. Length overall 120mm. **While stocks last.**



4 BLADE SCRAPER a general purpose scraper suitable for deburring, scraping and countersinking a wide range of materials including wood, plastics and metals. The chrome vanadium blade is set in a tough plastic handle. The blade has 4 cutting edges. Supplied with blade cover. Length overall 120mm. While stocks last.



ENGINEERS HAND SCRAPER TRIANGLE used for removing high spots on machined surfaces. Manufactured from selected steel, hardened and lightly tempered for durability. Fitted with a shaped wood handle. Blade length 8".



CODE	TYPE	PRICE
060-002	Engineers Scraper Triangle 8"	£10.99

ENGINEERS HAND SCRAPER FLAT used for removing high spots on machined surfaces. Manufactured from selected steel, hardened and lightly tempered for durability. Fitted with a shaped wood handle. Blade length 8".



CODE	TYPE	PRICE
060-004	Engineers Scraper Flat 8"	£10.99

ENGINEERS HAND SCRAPER HALF ROUND used for removing high spots on machined surfaces. Manufactured from selected steel, hardened and lightly tempered for durability. Fitted with a shaped wood handle. Blade length 8".



CODE	TYPE	PRICE
060-003	Engineers Scraper Half Round 8"	£10.99

3 SIDED SCRAPER with a hollow handle and double ended adjustable blade. The blade is held in the handle by a collet system allowing the blade length to be adjusted or removed for resharpening. Ideal for deburring metal and plastics and may also be used for removing excess solder after soldering operations. Length 110mm.

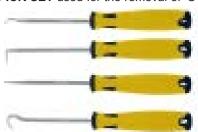


CODE	TYPE	PRICE
185-005	3 Sided Scraper	£10.99

HOOK & PICK SETS

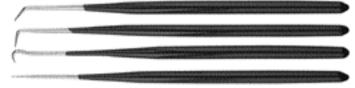
MINIATURE HOOK & PICK SET used for the removal of 'O' rings,

cotter pins, seals and bushes. The blades are hardened and tempered, fitted with comfortable handles. Length 150mm.



CODE	TYPE	PRICE
061-005	M/Craft Hook & Pick Set	£6.99

4 PIECE SPRING HOOK & PICK SET a set of 4 stainless steel hooks and picks with insulated grips. Ideal for separating wires, scribing soft material, O-ring removal, adjusting and retrieving small parts. Length overall 180mm.

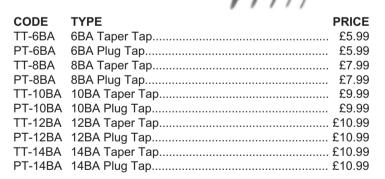


CODE	TYPE	PRICE
060-134	4 Piece Spring Hook & Pick Set	£4.99

TAPS AND DIES

BRITISH ASSOCIATION (BA) TAPS a range of quality steel BA

taps. To hold the smaller taps (10BA to 16BA) a small tool holder such as Revolving Tool Holder code PV0055 page 33 is suggested.



BRITISH ASSOCIATION (BA) DIES a range of quality dies, 0-12BA, O/D 13/16".

CODE	TYPE	PRICE
D-6BA	6BA Die	£7.99
D-8BA	8BA Die	£9.99
D-10BA	10BA Die	£9.99
D-12BA	12BA Die	£10.99

FREE PARKING FOR 2 HOURS OUTSIDE OF OUR SHOP

METRIC TAPS a range of metric hand taps manufactured from high carbon steel. 2.0mm to 12.0mm are supplied in pairs:- 1 Taper and 1 Plug tap.

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CODE	TYPE	PRICE
83793	Metric Taps (Taper & Plug) 2.0mm	£8.99
83794	Metric Taps (Taper & Plug) 2.5mm	£8.99
83795	Metric Taps (Taper & Plug) 3.0mm	£8.99
83796	Metric Taps (Taper & Plug) 3.5mm	£8.99
83797	Metric Taps (Taper & Plug) 4.0mm	£8.99
83798	Metric Taps (Taper & Plug) 5.0mm	£8.99
83799	Metric Taps (Taper & Plug) 6.0mm	£9.99
83800	Metric Taps (Taper & Plug) 8.0mm	£9.99
83801	Metric Taps (Taper & Plug) 10.0mm	£10.99
83802	Metric Taps (Taper & Plug) 12.0mm	£12.99

METRIC DIES a range of split circular dies manufactured from high carbon steel. 2.0 - 5.0mm dies are 13/16" outside diameter. Size 6.0 - 12.0mm dies are 1" outside diameter.

CODE	TYPE	PRICE
83803	Circular Die 2.0mm	£5.49
83804	Circular Die 2.5mm	£5.99
83805	Circular Die 3.0mm	£5.99
83806	Circular Die 3.5mm	£5.99
83807	Circular Die 4.0mm	£5.99
83808	Circular Die 5.0mm	£5.99
83809	Circular Die 6.0mm	£7.50
83810	Circular Die 8.0mm	£7.50
83812	Circular Die 10.0mm	£7.50
83813	Circular Die 12.0mm	£7.50

31 PIECE TAP AND DIE SET a tap and die set ideal for model makers, and intricate engineering. The set contains 9 dies M1, 1.1, 1.2, 1.4, 1.6, 1.8, 2, 2.2, 2.5, 18 hand taps, taper and plug, sizes M1, 1.1, 1.2, 1.4, 1.6, 1.8, 2, 2.2, 2.5,1 wrench, 1 die lining and 2 tap linings.

Available while stocks last.



CODE	TYPE	PRICE
072-154	31 Piece Tap and Die Set	£59.99

37 PIECE METRIC TAP AND DIE SET manufactured from carbon steel suitable for cleaning and cutting threads on mild steel and aluminium. Supplied complete with the correct drill bits for tapping. The set contains:- 8 metric dies size: 3×0.5 , 3.5×0.6 , 4×0.7 , 5×0.8 , 6×1.0 , 8×1.25 , 10×1.50 and 12×1.75 - 1" O/D. 8 taper and 8 plug taps - sizes as the dies, American pattern tap wrench 1/2" capacity, "T" Type tap wrench 1/4" capacity, die holder 1" O/D. 8 HSS twist drills size: 2.5, 2.9, 3.3, 4.2, 5.0, 6.8, 8.5 and 10.3mm, screwpitch gauge. All supplied in a steel storage case.



 52 PIECE METRIC, UNF AND BSP TAP AND DIE SET manufactured from carbon steel suitable for cleaning and cutting threads on mild steel and aluminium. Supplied complete with the correct drill bits for tapping. The set contains:- 7 metric dies size: 3×0.5 , 4×0.7 , 5×0.8 , 6×1.0 , 8×1.25 , 10×1.5 and 12×1.75 - 1" O/D. 5 UNF dies sizes: 1/4, 5/16, 3/8, 7/16 and 1/2 - 1" O/D. 2 BSP dies size: 1/8" and 1/4" - 1" O/D. 14 metric taper tape: sizes as dies. American pattern tap wrench 1/2" capacity. "T" type tap wrench 1/4" capacity. Die holder 1" O/D with guide. 13 HSS twist drills size: 2.5, 3.3, 4.2, 5.0, 5.5, 6.8, 6.9, 8.5, 8.8, 9.9, 10.3, 11.4 and 11.8mm. Screwpitch gauge, screwdriver, centre punch, 5 screw extractors Nos. 1, 2, 3, 4 and 5. All supplied in a steel storage case.

CODE	TYPE	PRICE
79204	52 Piece Metric/UNF/BSP Tap & Die Set	£99.99

RE-THREADING TOOLS

RE-THREADING TOOLS used for cleaning out and cutting damaged or malformed threads in electrical boxes and other similar jobs. Manufactured from high speed steel with precision ground threads and an impact resistant PVC handle.



CODE	TYPE	PRICE
37923	Re-Threading Tool M3.5 x 0.6 pitch	£8.49
37924	Re-Threading Tool M4 x 0.7 pitch	£8.49

METRIC THREAD RESTORING FILE made from chrome vanadium steel for restoring and cleaning internal or external threads. Thread pitch: 080-100, 175-200, 125-150 and 250-300.

CODE	TYPE	PRICE
68703	Metric Thread Restoring File	. £59.99

CUTTING COMPOUND

ROCOL RTD CUTTING COMPOUND a high quality cutting compound recognised worldwide. RTD compound is a soft, low melting point cutting paste giving excellent cutting performance, helps to reduce tool wear and improves finish. Use when Reaming, Tapping and Drilling. Supplied in a 50g tube with applicator nozzle, apply direct to

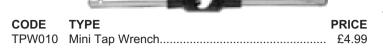
the workpiece.



FREE PARKING FOR 2 HOURS OUTSIDE OF OUR SHOP

TAP WRENCHES

MINIATURE TAP WRENCH for small taps, capacity up to 1/4". Tommy bar supplied. Ideal for taps larger than 2mm/7BA.



BAR TYPE TAP WRENCH HANDLE with hardened and tempered jaws, knurled handles and black enamelled finish. Capacity of square:- 2.0 - 5.5mm and 4.0 - 14.0mm



CODE	TYPE	PRICE
37329	Tap Wrench Handle 2.5 - 12mm	£12.99
37330	Tap Wrench Handle 4.0 - 14.0mm	£17.99

T TYPE TAP WRENCHES well finished tap wrench handles with a

detachable tommy bar. In the main body of the tap wrench there is a spring loaded ball which locates into the small grooves at each end of the tommy bar, thus preventing the bar becoming detached during use.



TYPE	PRICE
T Type Tap Wrench 1.5 - 3.0mm	£9.99
T Type Tap Wrench 3.0 - 4.0mm	£14.99
T Type Tap Wrench 4.0 - 6.8mm	£16.99
	T Type Tap Wrench 1.5 - 3.0mm T Type Tap Wrench 3.0 - 4.0mm

ECLIPSE T TYPE TAP WRENCHES high quality tap wrench han-

dles with stepped jaws. The stepped jaw extends the range of tap shank size which can be held. 3 sizes available.

Jaw Capacity

No	Length	Width	Inner Jaw	Outer Jaw
141	50mm	57mm	1.0-2.0mm	1.5-2.8mm
142	65mm	90mm	2.0-3.8mm	3.0-5.0mm
142	90mm	127mm	3 0-5 0mm	5 0-8 0mm



CIRCULAR DIE HOLDERS

CIRCULAR DIE HOLDERS die holders for use with dies of 13/16" & 1" outside diameter.



CODE	TYPE	PRICE
14445	Circular Die Holder 13/16"	. £8.99
14446	Circular Die Holder 1"	. £10.99

IF THERE ARE OTHER ITEMS THAT YOU WOULD LIKE US TO STOCK PLEASE FEEL FREE TO LET US KNOW

SCREW PITCH GAUGES

SCREW CUTTING GAUGE a precision screw cutting gauge which covers a comprehensive range of accurate thread profiles. 60° Metric and American, 55° Whitworth and BSF, 47½° BA and 14½° Acme.

CODE	TYPE	PRICE
MW200	Moore & Wright Screw Cutting Gauge	£10.99

SCREW PITCH GAUGE SETS with folding leaves and accurately formed thread profiles for fast, positive identification of various thread sizes. The blades are individually stamped.

 Thread Type
 TPI Range Blades

 Metric
 0.4-7mm
 20

 Combined BSW
 0.25-6mm
 52

 4-62BSW
 52
 52

CODE	TVDE	RICE
CODE	IIFE F	KICE
51070	Screw Pitch Gauge Metric	£9.99
070-110	Screw Pitch Gauge Combined BSW/Metric £	10.99

ZEUS CHART

ZEUS PRECISION DATA CHARTS a pocket sized reference book of data charts and tables for the drawing office, toolroom and workshop. 28 laminated pages containing data on drill sizes and equivalents, tapping drills and clearances for metric and imperial threads, BS4500 tolerances, hardness comparisons, jig boring coordinates, allowances for sheet metal bending, Morse tapers,

also tables for sine, cosine, tangent and cotangent.



SCREW EXTRACTORS

SCHRODER SCREW EXTRACTORS a range of Expert Quality screw extractors manufactured in Germany using high quality chrome vanadium steel with square drive ends. Available individually:- No 1 (3 - 6mm), No 2 (6 - 8mm), No 3 (8 - 11mm), No 4 (11 - 14mm) and No 5 (14 - 18mm) or as a set containing one of each in plastic case.

CODE	TYPE	PRICE
45856	Schroder Screw Extractor Set No's 1 - 5	£18.99
33070	Schroder Screw Extractor No 1 (3 - 6mm)	£4.50
34730	Schroder Screw Extractor No 2 (6 - 8mm)	£5.29
33071	Schroder Screw Extractor No 3 (8 - 11mm)	£5.59
33072	Schroder Screw Extractor No 4 (11 - 14mm)	£6.29
33073	Schroder Screw Extractor No 5 (14 - 18mm)	£6.59

TALLY COUNTERS

HAND TALLY COUNTER a hand held mechanical counter up to 9,999, lightweight and durable plastic body. Easy to use by single level action.

0000/00

HAND TALLY COUNTER a sturdy four figure hand operated resettable tally counter which has a handy push button actuator. It also has a thumb ring for easy operation. Maximum count is 9,999, and then zeros.

MAGNETIC TAPE

SELF ADHESIVE MAGNETIC TAPE has a variety of uses, cuts easily with scissors of a knife. Will adhere to paper, card, plastic and metal etc. Length overall $760 \text{mm} \times 12.5 \text{mm}$.



CODETYPEPRICE060-871Self Adhesive Magnetic Tape 760 x 12.5mm......£2.99

MAGNETIC BOWLS ETC

MAGNETIC BOWL a useful 4" metal bowl for storing nuts, bolts screws etc. The base of the bowl has a strong magnet for fixing to

a metal surface, the magnetism also holds the screws in place. The bowl has a rubber base to protect painted surfaces.



MAGNETIC BOWL useful 5½" metal bowl for storing nuts, bolts screws etc. The base of the bowl has a strong magnet for fixing to a metal surface, the magnetism also holds the screws in place.

The bowl has a rubber base to protect painted surfaces.



 MAGNETIC PARTS TRAYS ideal for storage of nuts, bolts, screws, etc, whilst working. The tray has a magnetic base for affixing to metal objects, the magnetism transfers to inner surface of bowl to retain small metal parts, nuts, bolts, etc. Metal or Plastic trays.

CODE TYPE PRICE
061-812 Magnetic Parts Tray Metal 150 x 225mm...........£10.99

DRAPER MAGNETIC S/STEEL MESH PARTS BOWL a magnetic stainless steel mesh parts bowl for storage of nuts, bolts, screws, etc. whilst working. The bowl has rubber covered magnetic base for affixing to metal objects such as vehicle bodywork, tool boxes etc. The magnetic inner surface of the bowl retains small metal parts such as nuts, bolts, etc. The stainless steel mesh construction allows for use in water-based cleaning tanks for the washing and degreasing of small parts.



DRAPER MAGNETIC HOLDER a magnetic holder to attach to the side of metal objects using powerful magnets. 50mm in diameter with hook and loop straps for holding different sized tools.



50984 Draper Magnetic Hook & Holder.....£14.99

S/L MAGNETIC HOOKS PACK OF 2 a pack of two magnetic hooks that can hold up to 5kg (11lb) in laboratory tests, they can be placed on a fridge door or any ferrous metal surface.



S/L MAGNETIC SPRING CLIPS PACK OF 2D a pack of two magnetic nickel-plated magnetic clips for use around the home, office, garage or workroom. They can be used for holding notes, reminders, recipes etc.

CODE

MINI GREASE GUN

GREASE GUN a useful tool for greasing garden machinery, recreational and automotive vehicles. With metal body pump action allows one handed operation. Capacity 60cc.



ENGINEERS OILERS

ENGINEERS OIL CAN a force feed engineers oil can supplied with a flexi spout.



PLASTIC BODY OIL CAN a force feed engineers oil can supplied with a flexi spout.

With a flexi spout. Capacity 250cc.



PRECISION LUBRICATOR for pinpoint lubrication to small parts and awkward areas. The oiler features a 40mm applicator needle with flow control button for fine control. Polished aluminum body with steel pocket clip. Supplied empty, length overall 140mm.



NEEDLE POINT OILER

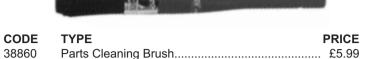
NEEDLE POINT OILER a pen style oiler with a metal pin-point needle. The light oil is suitable for lubricating delicate mechanisms such as miniature bear-

ings and gearboxes.
Safe with most plastics.



PARTS CLEANING BRUSH

PARTS CLEANING BRUSH with a plastic handle and bristle head. Ideal for use with Parts Washers etc. Head diameter 25mm.



STRAP WRENCHES

BOA CONSTRICTOR STRAP WRENCHES will grip almost any shape or material, immense leverage can be applied without scratching the item being gripped. The handle is reinforced polypropylene handle, the strap is specially strengthened with a breaking strain exceeding 2,000lbs. The Boa wrench can be used to tighten or loosen a range of items including: plastic pipes, tap shrouds, lathe chucks, oil filters, jar lids etc. 2 sizes are available: the Baby Boa for 10 -100mm diameter items, the Standard Boa for 25 - 160mm diameter items.



CODE	TYPE	RICE
070-040	Baby Boa Constrictor Wrench 10 - 100mm	£4.99
070-050	Standard Boa Constrictor Wrench 25 - 160mm£	10.99

MECHANICS STETHOSCOPE

MECHANICS STETHOSCOPE used to listen for faults in engines, bearings and other moving parts. Supplied with 2 stainless steel probes.



CODE	TYPE	PRICE
54503	Draper Mechanics Stethoscope	£22.99

ELECTRICIANS DRAW TAPE

15M ELECTRICIANS DRAW TAPE IN PLASTIC CASE designed for drawing electrical wiring through conduits. The tape is manufactured from oil tempered wire with blackened finish and housed in a convenient rotating plastic storage case with handle. The handle has a brake trigger mechanism. The hooked end avoids snagging once the wiring has been attached.



CODE	TYPE	PRICE
56761	Electricians Draw Tape in Plastic Case	£21.99