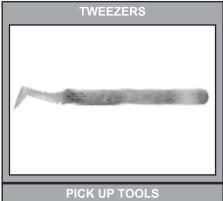
TWEEZERS - HAND VICES - BENCH VICES - HELPING HANDS











ARCHIMEDEAN DRILLS	30
BENCH VICES	33- 34
DENTAL PROBES	27 - 28
DRILL PRESS VICES	35
EXTENDING PICK-UP TOOL	26
FORCEPS	26
GRIPPER VICE	34
HEAD BAND MAGNIDFIERS	36
HAND VICES	31 - 32
HELPING HANDS	35 - 36
HOBBY PAL SUCTION PICK UP TOO)L 27
INSPECTION MIRRORS	30
JEWELLERS BOW DRILL	30
LABORATORY TOOLS	29
PICK UP TOOLS	26 - 27
PIN CHUCKS	32
PIN SLIDE CHUCK	31
PIN VICES	30
PLASTIC TWEEZERS	25
PRECISION TWEEZERS	25
TABLE LAMP MAGNIFIERS	36
TOOL HOLDERS	31
TWEEZERS	24 - 25
TWEEZER BASE	25
UNIVERSAL WORK HOLDER	32
VACUUM PICK-UP TOOLS	27
VACUUM SWIVEL VICES	34
VICES	33 - 35
WATCHMAKERS VICES	34
WAX CARVERS & SETS	28 - 29
WING NUT HAND VICES	31



TWEEZERS

A range of good quality stainless steel tweezers for the delicate handling and positioning of small components.

TWEEZERS AA general purpose tweezers with finely ground points, length 125mm.

CODE	TYPE	PRICE
TW0040	Tweezers AA	£2.99

TWEEZERS MM general purpose tweezers with finely ground points, length 125mm.

CODE	TYPE	PRICE
TW0045	Tweezers MM	£2.99

TWEEZERS SS long narrow tweezers for delicate positioning with finely ground points, length 135mm.

CODE	TYPE	PRICE
TW0010	Tweezers SS	£3.50

TWEEZERS No 2A general purpose tweezers with rounded flat points for general handling, length 120mm.

CODE	TYPE	PRICE
TW002A	Tweezers No 2A	£2.99

TWEEZERS No 3 general purpose tweezers with fine points for delicate handling, length 120mm.

CODE	TYPE	PRICE
TW0050	Tweezers No 3	£2.99

TWEEZER No 5 with narrow finely ground points for delicate handling and positioning, length 120mm.

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CODE	TYPE	PRICE
TW0020	Tweezers No 5	£2.99

TWEEZERS No 5A with narrow finely ground points which are angled for delicate positioning, length 115mm.

CODE	TYPE	PRICE
TW005A	Tweezers No 5A	£2.99

TWEEZERS No 6 with strong angled points ideal for the picking and placing of small components, length 115mm.

		-
CODE	TYPE	PRICE
TW0006	Tweezers No 6	£3.99

TWEEZERS No 7 with narrow finely ground curved points for delicate handling and positioning, length 120mm.

CODE	TYPE	PRICE
TW0060	Tweezers No 7	£2.99

TWEEZERS No 7L with narrow finely ground angled points for delicate handling and positioning, length 155mm.

CODE	TYPE	PRICE
TW007L	Tweezers No 7L	£4.99

TWEEZER No 58 general purpose self-closing tweezer with strong curved points, length 115mm.

CODE	TYPE	PRICE
TW0058	Tweezers No 58	£2.99

TWEEZER No 59 general purpose self-closing tweezer with strong points, length 115mm.

CODE	TYPE	PRICE
TW0059	Tweezers No 59	£2.99

TWEEZERS FLAT with flat spade ends for delicate handling and positioning of thin stock, length 115mm.



STAINLESS STEEL TWEEZER SET a set of 4 stainless steel tweezers for general purpose applications.

Length \
114mm
120mm
105mm
114mm

CODE	TYPE	PRICE
020-550	Tweezer Set of 4	£7.99

TWEEZERS WITH FIBRE GRIPS stainless steel tweezers with lightly serrated jaws and fibre grips. The tweezers are ideal for general work and soldering operations, length 165mm.

CODE	TYPE	PRICE
TW0082	Tweezers with Fibre Grips	£3.50

SLIDE LOCK TWEEZERS stainless steel tweezers with lightly serrated jaws. The slide lock allows small objects to be held without the need for constant finger pressure. When the slide lock is released the tweezers can be used as a normal pair, length 160mm

CODE	TYPE	PRICE
TW0061	Slide Lock Tweezers	£3.89

SELF-GRIP TWEEZERS CURVED stainless steel self-closing tweezers with fine curved points. The jaws are lightly serrated and are ideal for general work, length 165mm.

CODE	TYPE	PRICE
TW0081	Self-grip Tweezers Curved	£3.50

24

SELF-GRIP TWEEZERS POINTED stainless steel self-closing tweezers with straight points. The jaws are lightly serrated and are ideal for general work, length 165mm.

SELF-GRIP TWEEZERS high quality self-closing stainless steel tweezers with heat resistant fibre grips. Ideal for soldering operations.

Curved 165mm. Straight 170mm

CODE	TYPE	PRICE
TW0070	Self-grip Tweezer Curved	£3.50
TW0080	Self-grip Tweezer Straight	£3.50

TWEEZER BASE a heavy metal base which is used for holding self-grip tweezers allowing hands free work.

The base is cast from heavy metal, the tweezer is held in a clamp which has 2 ball joints for universal positioning. Ideal for inspection work, glueing and painting etc. Ideal for use with self-grip tweezers and slide lock tweezers.

Supplied without Tweezers.

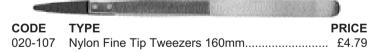
CODE	TYPE	PRICE
TW9599	Tweezer Base Only	£6.99

PLASTIC TWEEZERS small plastic tweezers with serrated points, ideal for light handling and for safe handling of button cells. Length 130mm.



CODE	ITPE	PRICE
TWP510	Plastic Tweezers Single	£0.39
TWP515	Plastic Tweezers Pack of 10	£3.49

NYLON FINE TIP TWEEZERS a fine tip tweezer fitted with nylon tips, ideal for handling beads and pearls without damaging the object. Stainless steel shank, length 160mm.



PRECISION STAINLESS STEEL TWEEZERS

PRECISION TWEEZERS AA professional quality stainless steel tweezers with finely ground points. Length 105mm.

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CODE	TYPE	PRICE
TW93AA	Precision Tweezers AA	£6.99

PRECISION TWEEZERS SS professional quality stainless steel tweezers with finely ground long narrow points. Anti-magnetic and anti-acid. Length 140mm.

CODE	TYPE	PRICE
TW93SS	Precision Tweezers SS	£6.99

PRECISION TWEEZERS No 2 professional quality stainless steel tweezers with tapering finely ground points. Anti-magnetic and anti-acid. Length 120mm.

CODE	TYPE	PRICE
TW932	Precision Tweezers No 2	£6.99

PRECISION TWEEZERS No 5 professional quality stainless steel tweezers with very narrow, finely ground points. Anti-magnetic and anti-acid. Length 115mm.

CODE	TYPE	PRICE
TW935	Precision Tweezers No 5	£6.99

PRECISION TWEEZERS No 5A professional quality stainless steel tweezers with offset very narrow, finely ground points. Antimagnetic and anti-acid. Length 120mm.

CODE	TYPE	PRICE
TW5AP	Precision Tweezers No 5A	£6.99

PRECISION TWEEZERS No 7 professional quality stainless steel tweezers with very fine curved points. Anti-magnetic and anti-acid. Length 115mm.

CODE	TYPE	PRICE
TW937	Precision Tweezers No 7	£6.99

CONDUCTIVE TWEEZERS a set of 4 conductive twwezers, ideal for handling sensitive components. Shapes included: Fine Point for micorscopic parts, 2 x Round headed for 4mm & 8mm monolithic chips caps, Sharp bent for handling small parts. Length 110mm and 115mm.



6 PIECE EPOXY COATED TWEEZERS a high quality set of tweezers manufactured from epoxy-coated stainless steel. Specially designed for electronic and semi conductor industries for safe handling of components. The set includes types 5, 3C, 7A, 00, 2A, SS0. Lengths range from 120mm - 135mm.



CODE	TYPE	PRICE
020-102	6 Piece Epoxy Coated Tweezer Set	£14.99

FORCEPS

LOCKING FORCEPS stainless steel forceps with a quality box



CODE	TYPE	PRICE
020-115	Locking Forceps Curved 6"	£3.50
020-120	Locking Forceps Straight 6"	£3.50

EXTRA LONG LOCKING FORCEPS stainless steel forceps with box joint and serrated jaws. Available with curved or straight jaws, length 250mm.



CODE	TYPE	PRICE
020-493	Extra Long Locking Forceps Straight 250mm	£6.50
020-494	Extra Long Locking Forceps Curved 250mm	£6.50

PICK-UP TOOLS

PEARL GRIP PICK-UP TOOL used for picking small components, the 4 spring loaded fingers extend to 14mm dia. when the plunger is pressed and close when released. All metal, length 115mm.



CODE	TYPE	PRICE
TW0100	Pearl Grip Pick-up Tool - 4 Prong	£4.50

PICK & PLACE PICK-UP TOOL a pen style tool used for picking and placing small components. The tip has a dry tacky tip and is available in 3 sizes, small, medium and large. If the tip looses adhesion by catching dust or oil, simply roll on adhevise tape to clean p. Plastic body with a dust cap, length 140mm.

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CODE	TYPE	PRICE
020-131	Pick & Place Pick-up Tool Fine	£4.99
020-132	Pick & Place Pick-up Tool Medium	£4.99
020-133	Pick & Place Pick-up Tool Large	£4.99

TELESCOPIC MAGNETIC PICK UP TOOLS magnet pick up tools that extend up to 600mm. Two sizes og magnets allow lifting up to 5lb or 8lb in weight. Ideal for picking up nuts, bolts and screws from inaccessible places. Pen style with pocket clip and chrome finish.

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CODE	TYPE	PRICE
020-539	Telescopic Magnetic Pick-up Tool 5lb	£3.49
020-537	Telescopic Magnetic Pick-up Tool 8lb	£3.99

WHEN PLACING AN ORDER PLEASE USE THE FULL ORDER CODE INCLUDING ANY PUNCTUTION

TELESCOPIC MAGNETIC PICK-UP TOOL WITH RUBBER GRIP

a magnetic pick up tool featuring a strong magnet and rubber grip. It is 125mm when collapsed and extends to 605mm. It will pick up objects up to 2.2kg. Fitted with a pocket clip.



PRICE CODE **TYPE** 020-370 Magnetic Pick-up Tool with Rubber Grip 2.2kg.... £3.50

TELESCOPIC MAGNETIC PICK-UP TOOL WITH LED LIGHT a magnetic pick up tool featuring a strong magnet and LED light. It is 230mm when collapsed and extends to 700mm. It will pick up objects up to 3.6kg. The LED light is operated by twisting the magnetic end. Powered by 4 button cells (AG13) supplied.



CODE **TYPE PRICE** 020-379 Magnetic Pick-up Tool with LED Light 3.6kg...... £4.50

TELESCOPIC MAGNETIC PICK UP TOOL 16LB a strong magnet pick up tool. Telescopic up to 625mm with a comfortable contoured grip. Ideal for hard to reach areas, can lift upto 16lb weight.



CODE **TYPE PRICE** 020-512 Telescopic Magnetic Pick-up Tool 16lb...... £4.99

MAGNETIC PICK-UP TOOL a general purpose magnetic pick-up tool with a powerful magnet. The stem is fully flexible and ideal for reaching inaccessible places. Length 610mm.



3-in-1 PICK UP TOOL a multi-headed inspection/pick-up tool, with telescopic shaft, magnetic pick-up head, standard and magnifying mirror. Non-slip vinyl handle extends to 800mm. Locates & picks up small ferrous parts.



PRICE 020-040

FLEXIBLE MAGNETIC PICK UP TOOL an Expert Quality magnetic pick-up tool. The flexible shaft is chrome plated with a plastic handle and a removable protective cap over the magnet. Length overall 560mm.

		-	
CODE	TYPE		PRICE
52305	Draper Flexi I	Magnetic Pick-up To	ool£18.50

HIGH POWER FLEXIBLE MAGNETIC PICK UP TOOL an Expert Quality magnetic pick-up tool. The flexible shaft is chrome plated with a plastic handle. The strong magnet will lift approximately 1.5kg. Length 540mm.



CODE **PRICE** 66198 Draper H/Power Flexi Magnetic Pick-up Tool...... £26.99

PICK-UP TOOLS

VACUUM PICK-UP TOOL a lightweight, portable pickup tool suitable for picking and placing of small components weighing up to 50grams and having a flat surface, DIL packages and surface mount components etc. High-power probes for longer holding action.

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CODE	TYPE	PRICE
020-397	Duratool Vacuum Pick-up Tool	£14.99

MODEL PAL SUCTION PICK-UP TOOL an extremely useful assembly tool. It has a bellows, a hollow shaft and 3 suction pads. The tool works by gently squeezing the bellows just before the suction tip is placed on the object to be lifted, a good vacuum is created when the bellows are released, thus the item is held securely whilst being picked up. Works best with non-porous materials, these need not be flat as the suction caps will form a seal over curved surfaces. Supplied with 3 suction tips;- 1/8", 1/4" & 3/8" dia. Length overall 3½".



CODE	TYPE	PRICE
50-520	Model Pal Suction Pick-up Tool	£10.99

HOBBY PAL SUCTION PICK-UP TOOL an extremely useful pen style assembly tool. It works by depressing a button, which operates a bellows inside the body to create the vacuum. The Hobby Pal is supplied with 4 suction tips which are fitted to body via a straight or cranked pickup shaft. A good vacuum is created when the button is released, thus the item is held securely whilst being picked up. Works best with non-porous materials, the suction caps will form a seal over curved surfaces. Supplied with 4 suction tips;- 1/8", 1/4", 3/8" 1/2" dia. Length overall 6".



CODE	TYPE	PRICE
50-540	Hobby Pal Suction Pick-up Tool	£19.99

PRECISION VACUUM PICK-UP TOOL SET a lightweight vacuum handle complete with easy operated side plunger for vacuum operation. Supplied with 6 heads and suctions pads, the pick-up weight varies subject to the components surface and the suction cap used. Maximum pick up weight 20gm. Handle length 132 mm x 12mm diameter. Supplied in a placstic case.



DENTAL PROBES

DENTAL PROBE TYPE 2A a low cost double ended dental probe suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 145mm.



DENTAL PROBE TYPE 5 a low cost single ended dental probe suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 140mm.

CODE	TYPE	PRICE
CTDP5	Dental Probe Type 5	£1.50

DENTAL PROBE TYPE 6 a low cost single ended dental probe suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 140mm.

CODE	TYPE	PRICE
CTDP6	Dental Probe Type 6	£1.50

DENTAL PROBE TYPE 7 a low cost single ended dental probe suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 140mm.

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CODE	TYPE	PRICE
CTDP7	Dental Probe Type 7	£1.50

DENTAL PROBE TYPE 8 a low cost single ended dental probe suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 140mm.

CODE	TYPE	PRICE
CTDP8	Dental Probe Type 8	£1.50

DENTAL PROBE TYPE 10 a low cost double ended dental probe suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 155mm.

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CODE	TYPE	PRICE
060-810	Dental Probe Type 10	£1.50

DENTAL PROBE TYPE 12 a low cost double ended dental probe suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 150mm.

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CODE	TYPE	PRICE
060-812	Dental Probe Type 12	£1.50

DENTAL PROBE TYPE 14 a low cost double ended dental probe suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 160mm.

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CODE	TYPE	PRICE
060-814	Dental Probe Type 14	£1.50

DENTAL PROBE TYPE 16 a low cost double ended dental probe suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 150mm.

DENTAL PROBE TYPE 18 a low cost double ended dental probe suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 155mm.

CODE	TYPE	PRICE
060-818	Dental Probe Type 18	£1.50

DENTAL PROBE TYPE 20 a low cost double ended dental probe suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 160mm.

CODE	TYPE	PRICE
060-820	Dental Probe Type 20	£1.50

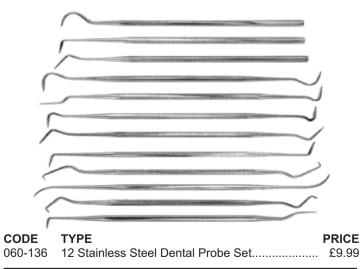
DENTAL PROBE TYPE 22 a low cost double ended dental probe suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 155mm.

CODE	TYPE	PRICE
060-822	Dental Probe Type 22	£1.50

DENTAL PROBE TYPE 24 a low cost double ended dental probe suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 155mm.

CODE	TYPE	PRICE
060-824	Dental Probe Type 24	£1.50

12 PIECE DENTAL PROBE SET a set of 12 double ended dental tools. Stainless steel, nominal length 160mm.



WHEN PLACING AN ORDER
PLEASE USE THE FULL ORDER CODE
INCLUDING ANY PUNCTUTION

WAX CARVERS

WAX CARVER TYPE 2 a low cost single ended dental tool suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 155mm.

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CODE	TYPE	PRICE
CTWC2	Wax Carver Type 2	£1.99

WAX CARVER TYPE 3 a low cost double ended dental tool suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 150mm.

CODE	TYPE	PRICE
CTWC3	Wax Carver Type 3	£1.99

WAX CARVER TYPE 5A a low cost double ended dental tool suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 155mm.

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CODE	TYPE	PRICE
CTWC5A	Wax Carver Type 5A	£1.99

WAX CARVER TYPE 7 a low cost double ended dental tool suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 160mm.

CODE	TYPE	PRICE
CTWC7	Wax Carver Type 7	£1.99

WAX CARVER TYPE 9 a low cost double ended dental tool suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 160mm.

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CODE	TYPE	PRICE
CTWC9	Wax Carver Type 9	£1.99

WAX CARVER TYPE 11 a low cost double ended dental tool suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 160mm.

CODE	TYPE	PRICE
CTWC11	Wax Carver Type 11	£1.99

WAX CARVER TYPE 13 a low cost double ended dental tool suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 160mm.

CODE	TYPE	PRICE
CTWC13	Wax Carver Type 13	£1.99

WAX CARVER TYPE 14 a low cost double ended dental tool suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 170mm.

CODE	TYPE	PRICE
CTWC14	Wax Carver Type 14	£1.99

WAX CARVER TYPE 15 a low cost double ended dental tool suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 160mm.

WAX CARVER TYPE 44 a low cost double ended dental tool suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 160mm.

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CODE	TYPE	PRICE
060-844	Wax Carver Type 44	£1.99

WAX CARVER TYPE 48 a low cost double ended dental tool suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 165mm.

CODE	TYPE	PRICE
060-848	Wax Carver Type 48	£1.99

WAX CARVER TYPE 50 a low cost double ended dental tool suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 160mm.

CODE	TYPE	PRICE
060-850	Wax Carver Type 50	. £1.99

WAX CARVER TYPE 56 a low cost double ended dental tool suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 165mm.

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CODE	TYPE	PRICE
060-856	Wax Carver Type 56	£1.99

12 PIECE WAX CARVER SET a set of 12 double ended dental tools suitable for wax and clay carving, cake decorating etc. Stainless steel, nominal length 160mm. *Contents May Vary.*



CODE

060-137

WAX CARVER CHISEL SET

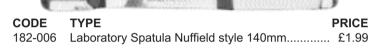
WAX CARVER CHISEL SET a set of 6 stainless steel wax carvers suitable for carving and shaping soft materials such as air clay, clay, moulding plaster before fully cured, plasticine etc. The set includes nominal sizes ranging from 3 - 8mm. Length 130mm.



CODE	TYPE	PRICE
180-836	Wax Carver Chisel Set of 6	£6.99

LABORATORY TOOLS

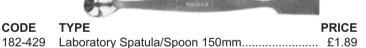
LABORATORY SPATULA NUFFIELD STYLE a laboratory spatula, made of high quality mild polished steel. Small Spoon end/Spatula end, length 140mm.



POLYPROPYLENE LABORATORY SPATULA/SPOON a plastic laboratory spatula with Spoon end/Spatula end, length 200mm.

CODE	TYPE	PRICE
182-584	Polypropylene Laboratory Spatula 200mm	£1.35

LABORATORY SPATULA/SPOON a stainless steel laboratory spatula with one flat and one spoon end. Length 150mm.



________LABORATORY SPATULA/SPOON a laboratory spatula, made of



CODE	TYPE	PRICE
182-004	Laboratory Spatula/Spoon 200mm	£1.99

DOUBLE END LABORATORY SPATULA a stainless steel Chattaway pattern spatula, flat end/bent end. Length overall 150mm.

CODE	TYPE	PRICE
182-012	Laboratory Spatula Double End 150mm	£2.50

LABORATORY SCOOP a stainless steel scoop for handling dry laboratory chemicals. Blunt end for larger quantities, pointed end for easier handling of small quantities. Ideal for filling test tubes, flasks and bottles with narrow necks. Length overall 160mm.

CODE	TYPE	PRICE
182-020	Laboratory Scoop 160mm	£2.29

PRICE

INSPECTION MIRRORS

INSPECTION MIRROR a general purpose glass inspection mirror on a metal handle. The length of the handle is 140mm.



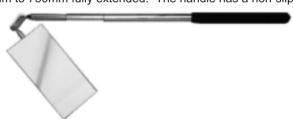
CODETYPEPRICEOP0150Inspection Mirror Metal 140mm.£3.49

TELESCOPIC INSPECTION MIRROR an inspection mirror with a 32mm diameter glass mirror on a telescopic handle via 2 ball joints to allow universal positioning. The telescopic handle extends from 180mm to 520mm fully extended. The handle also has a pocket clip.

FLEXIBLE SHAFT INSPECTION MIRROR a 55mm diameter glass inspection mirror which is fixed to a fully flexible shaft. The large diameter mirror gives good visibility in concealed areas. Plated finish with plastic grip. Shaft length 470mm.



RECTANGULAR TELESCOPIC INSPECTION MIRROR an inspection mirror which has a 50 x 100mm glass mirror on a telescopic handle via 2 ball joints. The telescopic handle extends from 350mm to 750mm fully extended. The handle has a non-slip grip.



ARCHIMEDEAN DRILLS

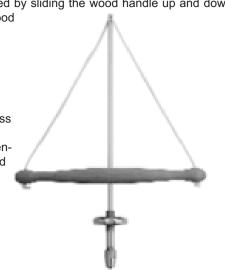
ARCHIMEDEAN DRILL a miniature spiral type hand drill which is operated by pushing the centre piece up and down. Capacity up to 1mm. Choice of two models, available with or without a return spring.

ARCHIMEDEAN DRILL a small hand drill which is operated by depressing the body of the drill, supplied with 2 collets giving a capacity of 0-2mm. Length $7\frac{1}{2}$ ".



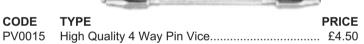
 JEWELLERS BOW DRILL a useful tool from the jewellry trade. The bow drill is operated by sliding the wood handle up and down

the centre shaft, the wood handle is connected to the shaft by a cord, during operation the cord winds around the shaft which forms the drive in reverse. The shaft is fitted with a brass wheel, this weights the shaft to maintain momentum. The drill is supplied with 2 collets, capacity 0 - 2.30mm. Wheel diameter 55mm. length overall 300mm. Requires some assembly.



PIN VICES

HIGH QUALITY 4 WAY PIN VICE a high quality 4 way pin vice with 2 reversible steel collets to give a choice of 4 size ranges:- 0-1.2mm, 1.3-2.4mm, 0.8-2.0mm, 1.8-2.9mm.



HIGH QUALITY SWIVEL HEAD PIN VICE a 4 way pin vice with the same collet sizes as the above but with the advantage of a swivel head making it more comfortable for repetitive work and drilling applications.



CODE	TYPE	PRICE
PV0022	High Quality Swivel Head Pin Vice	£5.99

ENGLISH PATTERN PIN VICES a range of pin vices. The body is hollow for holding long wires etc, and are ideal for holding miniature broaches, taps and drills. Available individually or as a set of 4. A range of Eclipse pin vices are also available individually and in a set of 4.



CODE	TYPE PRICE
PVL026	H/Q English Pattern Pin Vice 0 - 1.0mm £3.99
PVL027	H/Q English Pattern Pin Vice 0.8 - 1.5mm £4.29
PVL028	H/Q English Pattern Pin Vice 1.3 - 3.1mm £4.89
PVL029	H/Q English Pattern Pin Vice 3.0 - 4.8mm £4.99
020-030	High Quality Pin Vice Set (1 each of above) £16.49
E121	Eclipse Pin Vice 0 - 1.0mm
E122	Eclipse Pin Vice 0.75 - 1.5mm
E123	Eclipse Pin Vice 1.4 - 3.1mm
E124	Eclipse Pin Vice 3.1 - 5.0mm
E120	Eclipse Pin Vice Set (1 of each - Cap 0-5mm) £18.99

PIN SLIDE CHUCK a high quality hand held chuck which is ideal for holding small diameter shafts, pins and rod etc. The steel jaws are operated by sliding the ring up or down the tapered length of the jaw. The nickel plated brass handle is hollow, allowing longer pieces to be held. Ideal for repetitive operations. Maximum jaw capacity 1.5mm. Length overall 110mm.



UNIVERSAL TOOL HOLDER supplied with two collets for holding

a variety of small tools including miniature taps, reamers and broaches etc. Shaped wooden handle. Capacity 0-3.0mm.

CODE



CODE **PRICE** 020-039 Universal Tool Holder..... £6.99

REVOLVING TOOL HOLDER with a hardwood handle which

revolves on the steel shaft, ideal for holding miniature taps, broaches etc. Capacity up to 2.75mm.



PRICE CODE **TYPF** 020-050 Revolving Tool Holder......£5.50

REVOLVING TOOL HOLDER WITH 5 COLLETS a high quality tool holder with a tough plastic handle which revolves smoothly on

the steel shaft. It is ideal for holding miniature taps, broaches, shafts and can also be used to hold drill bits. The 5 steel collets cover sizes 0-2.5mm.



CODE	TYPE	PRICE
020-055	Revolving Tool Holder with 5 Collets	£6.99

HAND VICES

WING NUT HAND VICE an improved miniature hand vice, ideal for holding small objects. The body is hollow making it useful for holding long wires and thin gauge rod etc. Length 135mm.



PRICE CODE 020-620 Wing Nut Hand Vice......£6.99

WING NUT HAND VICE WITH WOODEN HANDLE a high quality miniature hand vice with a shaped wooden handle, ideal for holding small objects. The body is hollow making it useful for holding long wires and thin gauge rod etc. The 12mm jaws are smooth and open to 3.5mm. Length overall 150mm.



CODE **PRICE** 020-204 HQ Wing Nut Hand Vice with Wooden Handle..... £7.99 HEAVY DUTY HAND VICE a large hand vice with a shaped wooden handle, ideal for holding larger objects. The sprung jaws are adjusted by a large wingnut and have V grooves for holding small shaped stock.

Jaw width 27mm, opening 20mm. Length overall 160mm.



CODE **TYPE PRICE** 020-970 Heavy Duty Hand Vice..... £5.99

PRECISION BRASS HAND VICE a high quality hand which is ideal for hold small parts. The vice has brass jaws with a single slide. The jaws are operated and tensioned by 2 screws, this allows a very fine adjustment of the gripping pressure applied from a light grip to a very firm grip for heavier jobs. The maximum jaw opening is 15mm with a throat depth of 20mm. The section of the

jaw is 7mm square. The moving jaw has 2 Vee grooves for holding round stock. The handle and the screws are knurled for easy gripping. Length 130mm.



PRECISION BRASS HAND VICE a high quality hand which is ideal for hold small parts. The vice has brass jaws with twin slides to ensure the jaws remain parallel during use. The jaw width is 38mm with a depth of 15mm and open to a maximum of 36mm. The moving jaw has a vertical and horizontal vee groove for holding round stock. The handle is rotated to operate the vice and is

knurled for easy gripping. The base of the jaws are flat so that the hand vice can be rested on the work surface. Length 130mm.



RING CLAMP WEDGE TYPE a wooden ring clamp with leather lined jaws. One end is rounded with the other end flat. The wedge can be inserted at either end of the tool and as the wedge is driven into the jaw, the clamping pressure increases on the object held in the other jaw. Ideal for rings, jewellry and other small components.

Maximum jaw opening 10 -15mm. Length overall 155mm.



PRICE CODE 020-013 Ring Clamp Wedge Type...... £7.99

WHEN PLEACING AN ORDER PLEASE USE THE FULL ORDER CODE INCLUDING ANY PUNCTUATION

RING CLAMP SIDE SCREW TYPE a wooden ring clamp with leather lined jaws. The jaw end is flat, the clamp is operated by tightening the wing nut. Ideal for rings, jewellry and other small components.

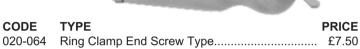
Maximum jaw opening 10 - 15mm. Length overall 135mm.



CODE	TYPE	PRICE
020-062	Ring Clamp Side Screw Type	£7.99

RING CLAMP END SCREW TYPE a wooden ring clamp for clamping inside the ring. The jaw end fits inside the ring, tightening the wing nut applies pressure, clamping the ring firmly. Ideal for holding most

ring types. Length overall 148mm.



UNIVERSAL WORK HOLDER originally designed as an engraver's hand vice, it is ideal for holding small and irregular

shaped objects, the four pegs can be positioned as required to ensure a firm hold. The inner surfaces of the jaws are smooth allowing it to be used as a conventional hand vice. The shaped wooden handle can be removed and the work head clamped in a bench vice leaving both hands free for working. Spare pins are available

CODE	TYPE	PRICE
020-080	Universal Work Holder	£16.99
PV0081	4 Spare Pins for Universal Work Holder	£0.99

UNIVERSAL WORK HOLDER ON BENCH STAND using the head from the Universal Work Holder and a heavy bench stand produces this useful holding tool. Ideal for holding small and irregular shaped objects, the four pegs can be positioned as required to

ensure a firm hold. The inner surfaces of the jaws are smooth allowing it to be used as a vice. The head of the holder is fitted to the base using ball joints allowing easy positioning of the work piece. Leaving both hands free for working. Spare pins are available in packs of 4.



CODE	TYPE	PRICE
020-801	Universal Work Holder on Bench Stand	£24.99
PV0081	4 Spare Pins for Universal Work Holder	£0.99

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PIN CHUCKS

MINI CHUCK an improved quality miniature chuck for holding miniature drill bits in the chucks of larger tools such as bench drills or hand held tools. Capacity 0 - 0.9mm, chuck diameter 8.8mm, shaft diameter 3mm. Length overall 36mm.



CODE	TYPE	PRICE
090-832	Mini Chuck 0 - 0.9mm	£3.99

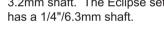
MICRO CHUCK WITH HEXAGON DRIVE a high quality miniature chuck with hexagon drive, used for holding miniature drill bits in low speed cordless screwdrivers etc. Capacity 0 - 0.85mm, chuck diameter 8.8mm. Length overall 47mm.



CODE	TYPE	PRICE
090-831	Micro Chuck with Hexagon Drive 0 - 0.85mm	£3.99

ADAPTOR CHUCK a high quality pin chuck used for holding miniature drill bits in chucks of larger tools such as bench drills or hand held tools. Supplied with 4 collets. Shank diameter 2.35mm. Capacity 0-3/32".

PIN CHUCK SET designed for adapting a larger drill chuck to hold small drill bits in the range of 0 to 2.5mm diameter. Supplied with 3 interchangeable collets, all steel construction with oil blackened finish. PC0020 has a 1/4"/6.3mm shaft, PC0029 has a 1/8"/3.2mm shaft. The Eclipse set



CODE	TYPE	PRICE
090-020	Pin Chuck Set 1/4"/6.3mm Shaft	£7.99
090-129	Pin Chuck Set 1/8"/3.2mm Shaft	£7.99
E160	Eclipse Pin Chuck Set 0.25-2.5mm	£29.99

THREE JAW PIN CHUCK a 3 jaw automatic pin chuck which will enable twist drills of 0.6-3.2mm diameter to be held in the chuck of a larger drilling machine. All steel construction with a blackened

finish. A tommy bar is also supplied. Shaft diameter 6.5mm.



1/4" HEXAGON DRIVE KEYLESS CHUCKS keyless chucks for use with low speed cordless drills. Used to convert 1/4" hexagon drive powered screwdrivers into a drill. Ideal for drilling pilot holes etc.

CODE	TYPE	PRICE
080-010	L/C 1/4" Hexagon Drive Keyless Chuck	£5.99
090-463	CK 1/4" Hexagon Drive Keyless Chuck	£8.49

BENCH VICES

MINIATURE BABY BENCH VICE a well finished cast steel minia-

ture bench vice with 25mm jaws opening to 25mm. The vice has two fixing holes which allow it to be screwed securely to a bench or work station. Ideal for small work-pieces requiring to be held firmly.



CLAMP-ON BABY VICES well finished miniature clamp-on vices.

A clamp is used to fix the vice to the bench or work station making it an ideal addition to a tool box for "on site" and field work. Two sizes are offered, the Mini Baby Vice has 25mm jaws opening to 25mm. The Baby Vice has 50mm jaws opening to 30mm, table clamp capacity 25mm.



CODE	TYPE	PRICE
020-900	Mini Baby Clamp-On Vice 25mm Jaws	£4.99
020-100	Baby Clamp-On Vice 50mm Jaws	£7.99

BABY SWIVEL BASE BENCH VICE a well finished vice made

from cast iron with steel spindle and tommy bar. Ideal for model makers and small jobs. Approx size: 50mm/2".



CODE	TYPE	PRICE
020-320	Baby Swivel Bench Vice 50mm	£9.99

REVOLVING BABY BENCH VICE a well finished vice made with

a cast iron body with hardened jaws. Steel spindle and tommy bar. Ideal for model makers and small jobs.

Approx size: 50mm/2".



CODE	TYPE	PRICE
020-400	Revolving Baby Bench Vice	£9.99

REVOLVING UTILITY BENCH VICE a good quality vice with cast iron body with baked enamel finish and hardened steel jaws. The

top can be revolved and locked in any position. Pre-drilled holes allow the vice to be bench mounted. Approx size: 90mm.



CODE	TYPE	PRICE
020-000	Rvolving Utility Baby Bench Vice 90mm	£24.99

HIGH QUALITY BENCH VICE a well finished cast steel miniature bench vice with 40mm jaws opening to 25mm. The vice has two

fixing holes which allow it to be screwed securely to a bench or work station. Ideal for small work-pieces requiring to be held firmly.



CODE	TYPE	PRICE
020-502	High Quality Miniature Bench Vice	£9.99

50MM SWIVEL BENCH VICE a well finished cast steel vice which bolts to the bench or work station and will swivel through 360° and can be locked at any point. The vice has 3 fixing holes in the base

for mounting. The vice jaws are ground smooth. The 50mm jaws open to maximum of 25mm. Ideal for small workpieces requiring to be held firmly.



CODE	TYPE	PRICE
020-515	Swivel Bench Vice 50mm	£16.99

HIGH QUALITY CLAMP-ON VICE a well finished clamp-on vice

which also features a swivel base allowing the vice head to turn through 360°. A clamp is used to fix the vice to the bench or work station making it an ideal addition to a tool box for "on site" and field work. The jaws are 45mm and open to 35mm, the table clamp capacity is 35mm.



CODE	TYPE	PRICE
020-503	High Quality Clamp-on Swivel Vice	£17.99

S/L SWIVEL TABLE VICE 50mm a swivel table vice with a base

that turns 360°. It has a cast iron frame with anvil and plated steel screws. Jaws open to 65mm. Table clamp capacity approx 50mm.



CODE	TYPE	PRICE
020-607	S/L Swivel Table Vice 50mm	£17.99

WHEN PLEACING AN ORDER
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MULTI-ANGLE VICE a high quality multi-angle clamp-on table vice, ideal for hobby and craft applications. The vice may be swivelled through 360° and by use of a ball joint, tilts in any direction to about 45°, for added convenience there is cut away in the ball

socket which allows the vice to tilt to 90° and then be rotated in that position through 360°, for this function the vice needs to be placed at the end of a table or bench. The vice has a clamp to lock it in the chosen position. The rear jaw has V grooves for holding small cylindrical or irregular shaped stock. The jaws have removable soft rubber covers for protecting delicate objects. The vice is secured firmly to the bench by a 50mm capacity clamp. 3" jaws opening 21/4".



VACUUM SWIVEL VICE a good quality table vice with 70mm jaws which is ideal for hobby and craft applications. The vice may be swivelled through 360° and tilts in any direction for added convenience. The jaws have V-grooves for holding cylindrical and irreg-

ular shaped stock and removable soft rubber covers for protecting delicate objects. A strong vacuum base secures the vice firmly to a non-porous surface. 60mm jaws opening 60mm.



CODE	TYPE	PRICE
020-425	DK Vacuum Swivel Vice	. £17.99

100MM SOFT JAWS FOR ENGINEERS VICES expert quality soft jaws made from aluminium with heavy duty soft rubber face to prevent marking. Supplied complete with heavy duty magnets which stick to the face of the vice jaws.



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

ADJUSTABLE WATCH CASE HOLDER a simple to use holder for casements, movements and similar objects. The self adjusting

holder is of steel and aluminium construction with nylon pins. Spring loaded which extended to 36mm.



MINIATURE CASE HOLDER VICE a miniature vice designed for holding watch cases and similar circular items. The aluminium jaws are square and parallel and have twin slide rods to ensure smooth operation and that the jaws remain square. The base is

flat and will sit on a bench. The vice can be held in the jaws of a bench vice or held by hand if required. It is supplied with 4 pins which can be adjusted for position or removed allowing the jaws to be used as a miniature vice. Maximum opening of jaws 30mm. Jaw length 45mm.



WATCHMAKERS MINIATURE CASE HOLDER VICE a miniature

vice designed for holding watch cases and similar circular items. The aluminium jaws have special recessed slots for holding watch cases and similar round objects such as model locomotive wheels. The jaws have twin slide rods to ensure smooth operation and that the jaws remain square.



GRIPPER VICE

GRIPPER VICE a versatile variation of the Universal Work Holder, the gripper vice is larger and is clamped to a table or work bench. The gripper vice is supplied with 4 pins which can be positioned in

any of the holes in the top of the jaws so as to hold different shapes effectively. With the pins removed the jaws which open to a maximum of 65mm can be used for clamping. The jaws are 108mm wide and manufactured from tough nylon. Supplied with 2 table clamps which will clamp on to a table up to 42mm thick.



CODE	TYPE	PRICE
CL7387	Gripper Vice	£28.99

MINICRAFT DRILL VICE

MINI DRILL VICE a miniature diecast metal drill vice with 45mm iaws opening to 50mm for use with the Minicraft Drill Stand. The slots in the vice match the slots in the drill stand. Fixing centre 60mm.

TYPE

CODE **PRICE** MB715 Mini Drill Stand Vice.....£12.99

STANDARD DRILL VICES

QUICK RELEASE DRILL PRESS VICE manufactured from cast aluminium with hardened jaws. It features quick action release at rear of vice allows jaws to be opened quickly. The 70mm jaws open to 67mm.



CODE **TYPE PRICE** 43090 Quick Action Drill Press Vice.....£14.99

UNIVERSAL DRILL VICE a cast aluminium universal drill vice with 100mm jaws that are 40mm deep with a maximum opening 100mm. The jaws have removable rubber covers, the jaws have two V grooves for holding round stock. A quick release is featured and the moving jaw has 2 slides for accurate operation. The vice has fixing slots 110mm long, fixing centres 125mm.



CODE **PRICE TYPF** 090-023 S/L Universal Drill Vice.....£24.99

100MM 3 WAY DRILL PRESS VICE an Expert Quality drill vice with three accurately ground mounting surfaces for drilling holes at 90° using the vice flat as a conventional drill vice, it can also be used on its end and on one side. The vice has precision ground jaws.

CODE **PRICE** 64585 Draper 3 Way Drill Vice.....£94.99

HELPING HANDS

HELPING HANDS WITH MAGNIFIER featuring a round, 60 mm magnifier lens (2.5x magnification) in a steel frame. It features a heavy base for stability and 2 articulated arms with crocodile clips for gripping. An indespensible aid for model-makers, DIYers and Professionals alike. Adjustable joints for versatile movement in all

directions, strong crocodile clamps to hold work securely and distortion-free magnifying lens. Ideal for any application where a 'third hand' is needed.



CODE **TYPE PRICE**

HEAVY DUTY HELPING HANDS WITH MAGNIFIER a variation of the popular Helping Hands with an extra large lens. The 90mm lens gives clear undistorted magnification of x21/2. The magnifier is mounted to the cross bar using ball joints allowing universal positioning of the lens. The crocodile clip "hands" are mounted on a

cross bar which is mounted on a ball joint. The height of the lens and the "hands" can be raised or lowered on the column. Ideal for soldering, assembling, painting etc.



CODE **PRICE** 020-862 Heavy Duty Helping Hands with Magnifier...... £8.99

ILLUMINATED HELPING HANDS WITH MAGNIFIER with 90 mm magnifier lens (2 x magnification), LED lights (3 x AAA, not supplied), weighted cast iron base for stability and 3 articulated arms with crocodile clips for gripping. Also features an adjustable soldering iron rest; ideal for electronics and other soldering projects.



CODE **TYPE PRICE** 020-857 Illuminated Helping Hands with S/Iron Stand...... £14.99

MAGNIFIER WITH HELPING HANDS

MAGNIFYING LAMP WITH HELPING HANDS a magnifying lamp with LED illumination, integrated 3rd hand and soldering iron stand. Ideal for working on small PCBs, components and soldering. LED Illumination powered either by 4x AA batteries or an external power supply (both not provided). Base size 190x170mm. Magnifying glass neck length 265mm. Alligator clip neck length 250mm. Magnifier Lens 90mm. Magnification 3x. LED illumination 6x patch type LEDs.



HEAD BAND MAGNIFIERS

MODELCRAFT SLIMLINE MAGNIFIER ideal for close-up detailed working leaving hands free for working. Includes 4 lenses giving magnification from 1.6x to 3.5x.



CODETYPEPRICEPOP1763Modlecraft Headband Magnifier + 4 Lenses.......£4.99

HANDS FREE MAGNIFIER ideal for close-up detailed working leaving hands free. Includes 5 lenses and an adjustable LED light. Comes with interchangeable spectacle frames & elastic headband. Use for professional renovation & restoration, electronics & precision engineering, model making, craft and smaller DIY projects.



CODE TYPE PRICE
120-080 Hands Free Magnifier + LED Light & 5 Lenses.... £9.99

LIGHTCRAFT PRO LED HEADBAND MAGNIFIER ideal for close-up detailed working leaving hands free. Fully adjustable headband with bi-plate feature 5 precision ground interchangeable lenses with focal lengths from 60mm (2.5") to 350mm (14"). Includes lens case and cleaning cloth Lens magnification between 1.0x and 6.0x. LED spotlight which is adjustable and detachable.

Uses 3x AAA batteries included.



CODETYPEPRICELC1766Lightcraft Pro LED Heandband Magnifier...........£24.99

TABLE LAMP MAGNIFIERS

LIGHTCRAFT LED FLEXIBLE USB MAGNIFIER LAMP an energy efficient USB lamp with three light settings, glass magnifier lens & flexible neck. This lightweight LED magnifier lamp provides portable cool, shadow-free light and magnification. Ideal for reading, craft & hobby use. Features high-quality 100mm (4") glass

(1.75x magnification)

lens 3 dioptre



CODETYPEPRICELC8085Lightcraft LED USB Magnifier.....£29.95

MINI TABLE LAMP FLUORESCENT MAGNIFIER a free standing mini magnifying table lamp with a 12 watt circular daylight tube, giving even light distribution and virtually no heat being emitted. The lamp features a 4" diameter glass lens providing x1.75 magnification and a x4 magnification close-up lens. The magnifying

head is mounted to allow positioning as required. The lamp has a cover and a clear diffuser which gives protection to the tube. Spare tubes are available. Ideal for craft and hobby work, needlework, embroidery and inspection etc.



CODE	TYPE	PRICE
120-093	Mini Table Lamp Fluorescent Magnifier	£44.99
120-094	Spare Tube for 120-091/120-093 Magnifier	£11.99