

# SQUIRES

**MODEL & CRAFT TOOLS**

**"MINI"**

**MAIL ORDER CATALOGUE**

**HAND TOOLS**



**HAND TOOLS MINI CATALOGUE - MAY 2019**

Dear Customer

Welcome to our **Hand Tools "Mini" Catalogue.**

We have been promising a complete new **Tools & Materials Catalogue** for sometime. Much of the preparation work for the new catalogue is well under way, but there is still many new products still being worked on. As we cannot print the new catalogue until the last page and full stop is complete, we have decided to publish a number of **"Mini" Catalogues** to keep you informed.

Other **"Mini" Catalogues** to lookout for coming soon:- **Power Tools & Accessories; Modelling Materials and Electrical Components.** The shop renovations are progressing well and many customers come down to visit, but if you are too far away to visit us, we exhibit at many shows around the country which we advertise on our website and in the model press. We hope to see you at some of the shows.

Kind Regards  
Roger Lewis

### ORDERING INFORMATION

#### 1. ORDERS BY POST

please send to:- Squires Model and Craft Tools  
100 London Road  
BOGNOR REGIS  
West Sussex  
PO21 1DD

**ORDERS BY TELEPHONE:-** 01243 842424

**Shop hours:-** 9.00 - 5.00 Monday - Friday Saturday 9.00 - 4.30

**Closed on National Bank Holidays**

2. When ordering please quote **ORDER CODE** and **DESCRIPTION**, plus **QUANTITY** required, whenever possible please use our order form. Please keep a copy of your order for your records.
3. All prices in this catalogue include VAT at 20% and are for the quantity shown i.e. each, per pack etc. Note: If the rate of VAT or the basis under which VAT is charged is changed, then our prices will change in accordance with the new rates as soon as they come into force.
4. Prices for mail order, retail and exhibition sales are the same. When we promote a product or pass on a manufacturers or suppliers price reduction this will be offered to all customers purchasing the applicable product for the period of the price reduction. If you have over remitted a refund will be made, if you are remitting by credit card you will be charged the lower price. The right to increase prices without prior notice is reserved.
5. You may pay for your order by:- CHEQUE, POSTAL ORDER crossed and made payable to **SQUIRES**, by CREDIT CARD - MASTERCARD, VISA or by DEBIT CARD. If you wish to send cash this **MUST** be sent by REGISTERED mail. Payment for overseas orders is required by CREDIT OR DEBIT CARD. Please do **NOT** use email to send your credit card details, please use telephone.
6. Our **MINIMUM MAIL ORDER VALUE IS £15.00** and is dispatched **POST FREE (Except Aerosols)** to a **SINGLE U.K.** destination. Overseas postage is at **COST**, VAT free **OUTSIDE** the EC ONLY. Note we are **NOT** able to issue VAT exemption forms by post. **\*\*NOTE - Aerosol Containers cannot be sent by Royal Mail and are subject to a Despatch Surcharge\*\***
7. Most orders received by post will be dispatched by return, telephone orders received up to about 3.00pm will usually be dispatched the same day, any items that we are unable to supply immediately, and that we can supply in a reasonable time will be advised as a "TO FOLLOW" item and the **EXPECTED DISPATCH DATE** will be advised. If we are unable to supply an item within twenty-eight days we will make an immediate refund and advise the expected date of availability for re-ordering if required. NOTE when payment is made by credit card we will only charge for the items that we are able to despatch, items that are out of stock and marked "to follow" will be charged at the time of despatch. Items ordered that we cannot supply within the above terms will be cancelled.
8. **Damaged goods please contact us for instructions BEFORE returning.** Goods sent in error may be returned and will be replaced as soon as we receive them, provided that they have been carefully packed and that we have stock available. **SECOND CLASS** Royal Mail postage only will be refunded.
9. **Consumer Contracts - 14 Day Money Back Policy.** Squires offer a 14 day money back policy. To return a product you must first telephone Squires to obtain a Returns Number, this must be noted on all documentation and on the outer packaging when the goods are returned, **NO** markings are to be made on the product or products packaging. Your documentation must include your proof of purchase. The returned item must be complete, unused and in an "as new" condition with the original packaging. We will not accept for return items that have had a manufacturers/suppliers warranty or registration invoked, this will be deemed as Customer acceptance of the goods. Squires must receive all returns within 14 days of the Returns Number being issued, any goods received after the 14 days will be dealt with individually. All returns are to be sent to Squires, 100 London Road, Bognor Regis, West Sussex, PO21 1DD. Carefully package the item and ensure sufficient postage is paid, goods are returned at the customers own cost and risk, you must obtain proof of posting in case of non-receipt. **Squires will not accept parcels that have insufficient postage paid.** Do not return goods without a Returns Number, as this may delay credit. Note Certain products due to their nature are exempt from the 14 Day Money Back Policy, this would include for example consumable items, kits that have been built, cut cable etc. **Note Squires are NOT able to issue Returns Numbers or accept return of Goods under "Consumer Contracts Regulations" at our Exhibition Sales Stand.**

Squires Model & Craft Tools is the trading name of Roger V Lewis of  
100, London Road, Bognor Regis West Sussex, PO21 1DD. Telephone 01243 842424.  
VAT Registration No. 615 2383 57

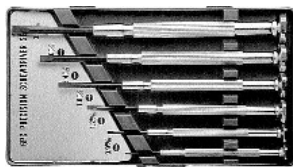
**DOUBLE END SCREW STARTER** a double ended screw starter for phillips and plain slot screw heads. The blade of tool is closed to allow the screw to be placed on the end of the tool, the spring mechanism is then released which holds the screw securely, even when inverted. The screw can then be fitted, the tool is self releasing as the threads are engaged. The aluminium handle is knurled for extra grip. Fits M3 and above. Length overall 160mm.



CODE	TYPE	PRICE
010-344	D/E Screw Starter Phillips/Flat DE-2 Alumin	£19.60

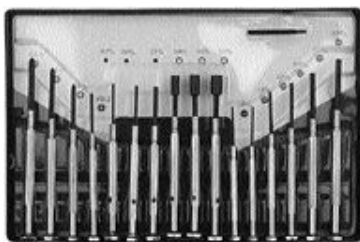
**PRECISION FLAT SCREWDRIVER SET** each blade is manufactured from a specially hardened nickel chrome molybdenum steel, set in a chromed brass handle with a swivel cap. Supplied in a plastic storage box.

Blade sizes:- 0.9, 1.2, 1.8, 2.4, 3.0 & 3.5mm.



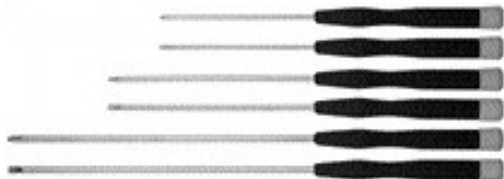
CODE	TYPE	PRICE
010-015	6 Piece Precision Screwdriver Set Flat.....	£3.50

**16 PIECE PRECISION DRIVER SET** a set of 16 tools with hardened steel blades set in chromed brass handles with swivel caps. The set contains 6 flat blade screwdrivers:- 1.0, 1.4, 2.0, 2.4, 3.0 and 3.8mm, 4 crosspoint drivers:-, No's 0-2, 0, 1-2 and 1-1, Hexagon driver:- 1.5, 2.0 and 2.5mm, 3 Nut spinners 3, 4 & 5mm and a tommy bar.



CODE	TYPE	PRICE
010-237	16 Piece Precision Screwdriver Set.....	£6.99

**LONG REACH PRECISION SCREWDRIVER SET** 6 long shaft screwdrivers which are ideal for reaching recessed screws inside equipment etc. Steel shafts set in moulded plastic handles. The set contains 3 flat blade and 3 cross slot screwdrivers. Blade size x length, Flat 2.4 x 70mm, 3.0 x 100mm, 4.0 x 150mm. Crosspoint 2.0 x 75mm, 3.0 x 100mm, 3.8 x 15mm.



CODE	TYPE	PRICE
010-239	6 Piece Long Reach Screwdriver Set.....	£5.99

**6 PIECE PRECISION SCREWDRIVER SET FLAT** a set of 6 precision flat blade screwdrivers with comfortable easy grip handles and swivel caps for ease of use. The blades are hardened alloy steel for longlife. The set includes:- 1.0, 1.5, 2.0, 2.4, 3.0 & 3.5mm. Blade length 50mm, length overall 150mm.



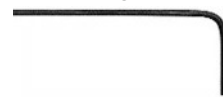
CODE	TYPE	PRICE
010-600	6 Piece Precision Screwdriver Set Flat.....	£18.99

**6 PIECE PRECISION SCREWDRIVER SET CROSS SLOT** with comfortable easy grip handles and swivel caps for ease of use. The blades are hardened alloy steel for longlife. The set includes: No. 0000, 000, 00, x 50mm blade length and No. 0, 1 x 75mm blade length. Length overall 150mm and 175mm.



CODE	TYPE	PRICE
010-602	6 Piece Precision Screwdriver Set Cross.....	£18.99

**HEXAGON KEY FOR SLATERS DRIVING WHEELS** miniature hexagon keys used for fitting and removing Slaters driving wheels.



CODE	TYPE	PRICE
X78001	0.050" Hex Key for Slaters Driving Wheels....	£0.75
X78003	0.035" Hex Key for Slaters 1/8" D/Wheels.....	£0.60
X98001	2mm Hex Key for Slaters 1/4" D/Wheels.....	£0.45

**BA NUT SPINNERS** suitable for a range of BA nut sizes 6 - 16BA and 3 small metric sizes. The handle has a swivel cap and is shaped for ease of use. The across flats measurement is metric. **Note - most BA nuts are now manufactured using metric hexagon bar, this affects the across flats dimension, please check before ordering.** Length overall 157mm.



CODE	TYPE	PRICE
011-030	Nut Spinner 1.5mm - Suits 16BA Nuts.....	£3.99
011-031	Nut Spinner 2.0mm - Suits 14BA Nuts.....	£3.99
011-032	Nut Spinner 2.5mm - Suits 12BA Nuts.....	£3.99
011-033	Nut Spinner 3.0mm - Suits 10BA Nuts.....	£3.99
011-034	Nut Spinner 4.0mm - Suits 2mm/8BA Nuts....	£3.99
011-035	Nut Spinner 5.0mm - Suits 2.5mm/6BA Nuts. £3.99	
011-040	Nut Spinner Set of 6 (6,8,10,12,14 & 16BA)	£15.99

**NUT STARTER G-2** use on all small size nuts, to start nuts on bolt threads, and is particularly suited to starting nuts in confined spaces. The jaws of tool are closed to allow the nut to be placed on the end of the tool, the spring mechanism is released which holds the nut securely even when it is inverted. The tool is self releasing as the threads are engaged. Fits sizes 4 - 40 thread, 3/32"/2.5mm - 5/16"/8mm, 8BA and above. The handle has a knurled grip, length 125mm.



CODE	TYPE	PRICE
010-300	Nut Starter G-2.....	£15.99

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



CODE	TYPE	PRICE
TW0040	Tweezers AA.....	£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 7** with narrow finely ground curved points for delicate handling and positioning, length 120mm.



CODE	TYPE	PRICE
TW0060	Tweezers No7.....	£2.99

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



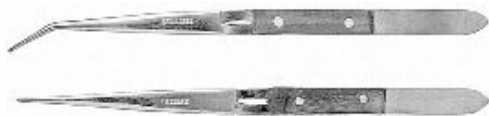
CODE	TYPE	PRICE
TW0058	Tweezers Self-Grip Curved No58.....	£2.99

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



CODE	TYPE	PRICE
TW0059	Tweezers Self-Grip Straight No59.....	£2.99

**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

**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 loses adhesion by catching dust or oil, simply roll on adhesive tape to clean p. Plastic body with a dust cap, length 140mm.



CODE	TYPE	PRICE
020-131	Pick & Place Pick-up Tool Fine (Red).....	£4.99
020-132	Pick & Place Pick-up Tool Medium (Blue).....	£4.99
020-133	Pick & Place Pick-up Tool Fine (Green).....	£4.99

**LOCKING FORCEPS** stainless steel forceps with a quality box joint and lightly serrated jaws. Two types available:- Curved or straight. Length 6".



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

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



CODE	TYPE	PRICE
OP0150	Inspection Mirror Metal 140mm.....	£3.49

**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.



CODE	TYPE	PRICE
PV0015	High Quality 4 Way Pin Vice.....	£4.50

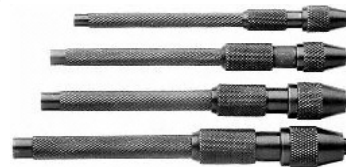
**HIGH QUALITY SWIVEL HEAD PIN VICE** with the same collet sizes as the above but with the advantage of a swivel head making it more comfortable for repetitive work and drilling applications.



CODE	TYPE	PRICE
PV0022	High Quality 4 Way 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. Sizes

- 0 - 1.0mm
- 0.8 - 1.5mm
- 1.3 - 3.1mm
- 3.0 - 4.8mm



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)	£14.99

**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.



CODE	TYPE	PRICE
MHD030	High Quality Steel Archimedean Drill.....	£5.49
MHD040	H/Q Steel Archimedean Drill + Return Spring	£5.99

**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 7½".



CODE	TYPE	PRICE
MHD050	Archimedean Hand Drill.....	£5.99

**REVOLVING TOOL HOLDER WITH 5 COLLETS** a high quality tool holder with a tough plastic handle which revolves smoothly on the steel shaft, 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
PV0055	Revolving Tool Holder with 5 Collets.....	£6.99

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

**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.



CODE	TYPE	PRICE
PV0062	Wing Nut Hand Vice.....	£6.99

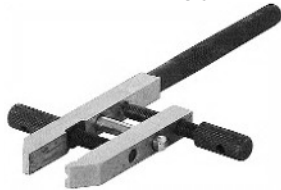


**WING NUT HAND VICE WITH WOODEN HANDLE** a high quality miniature hand vice with a shaped wooden handle, ideal for holding small objects. The body is hollow making it useful for holding long wires and thin gauge rod etc. The 12mm jaws are smooth and open to 3.5mm. Length overall 150mm.



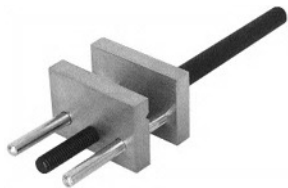
CODE	TYPE	PRICE
020-204	HQ Wing Nut H/Vice with Wooden Handle....	£7.99

**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.



CODE	TYPE	PRICE
PV0534	Precision Brass Hand Vice.....	£11.99

**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.



CODE	TYPE	PRICE
PV0533	Precision Brass Hand Vice with Twin Slides..	£13.99

**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 in packs of 4.



CODE	TYPE	PRICE
PV0080	Universal Work Holder.....	£16.99

**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".



CODE	TYPE	PRICE
090-115	Adaptor Chuck.....	£6.99

**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 has a 1/4"/6.3mm shaft.



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.....	£27.99

**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.



CODE	TYPE	PRICE
PC0030	3 Jaw Pin Chuck.....	£7.99

**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.....	£6.99
090-463	CK 1/4" Hexagon Drive Keyless Chuck.....	£8.49

**MINIATURE BABY BENCH VICE** a well finished cast steel miniature 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 workpieces requiring to be held firmly.



CODE	TYPE	PRICE
020-800	Mini Baby Bench Vice 25mm Jaws.....	£4.99

**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 50mm.....	£9.99

**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 2 1/4".



CODE	TYPE	PRICE
020-017	S/L Multi-Angle Swivel Vice 70mm Jaw.....	£19.99

**MINIATURE CRAFT PLIER SIDE CUTTER** a miniature flush cut diagonal side cutter with a 13mm cutting edge. Box jointed with PVC grips and sprung handles. Cutting capacity:- 1mm diameter copper wire. Length 120mm.



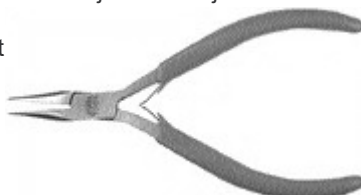
CODE	TYPE	PRICE
PL7341	Craft Plier Side Cutter.....	£7.99

**MINIATURE CRAFT PLIER ROUND NOSE** a miniature round nose plier with 15mm smooth jaws. Box jointed with PVC grips and sprung handles. Length 135mm.



CODE	TYPE	PRICE
PL7343	Craft Plier Round Nose.....	£7.99

**MINIATURE CRAFT PLIER HALF ROUND** a miniature half round plier with 20mm smooth jaws. Box jointed with PVC grips and sprung handles. Available with straight or bent nose. Length 130mm.



CODE	TYPE	PRICE
PL7345	Craft Plier Half Round Straight Nose.....	£7.99
PL7342	Craft Plier Half Round Bent Nose.....	£7.99

**MINIATURE CRAFT PLIER FLAT NOSE** a miniature flat nose plier with 20mm smooth jaws. Box jointed with PVC grips and sprung handles. Length 130mm.



CODE	TYPE	PRICE
PL7344	Craft Plier Flat Nose.....	£7.99

**5" SIDE CUTTERS** pressed steel construction with PVC coated handles. Cutting capacity 0.2-1.2mm copper wire. Flush cutting edges. Ideal for cutting components from etched frets and plastic components from sprues. Length 125mm.



CODE	TYPE	PRICE
030-140	5" Side Cutter.....	£5.99

**WIRE CUTTER & STRIPPER** for cutting and stripping cable up to 6mm dia. Hardened and tempered steel blades with insulated sprung handles and incorporates an adjustable gauge selector. Length 125mm.



CODE	TYPE	PRICE
67650	Draper Wire Cutter/Stripper 125mm.....	£4.99

**WIRE CUTTER & STRIPPER** a versatile wire stripper with seven stripping stations from 0.5, 0.75, 1.0, 1.5, 2.5, 4.0 and 6mm and a wire cutter. Cushion-grip spring-loaded handles, hardened and tempered steel blades. Length 150mm.



CODE	TYPE	PRICE
19779	Draper Wire Stripper 150mm.....	£8.99

**WIRE STRIPPING PLIER 6"** a drop forged and heat treated wire stripping plier with heavy duty handles with slip guards. Length overall 6"/150mm.



CODE	TYPE	PRICE
030-352	Wire Stripping Plier 6".....	£7.99

**DRAPER AUTOMATIC WIRE STRIPPER** a good quality adjustable wire stripper with a steel body and nylon moving handle. The wire stripper and cable cutter blade are hardened and tempered steel. The adjustable jaws have a capacity of 0.2-6.0mm diameter wire, with a maximum throat depth of 20mm. Also strips 20mm wide ribbon cable. Length 170mm.



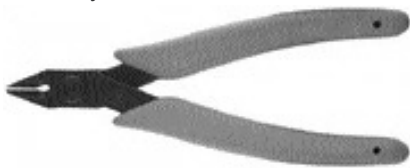
CODE	TYPE	PRICE
55806	Draper Automatic Wire Stripper.....	£12.99

**JEWELLERS SNIPS** a high quality jewellers pattern snip, ideal for intricate work. Drop forged high carbon steel with hardened and ground straight blades. The cutting edges have been additionally hardened for longer life. Double dipped PVC handles for comfort during use. Length 175mm.



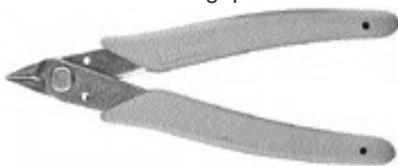
CODE	TYPE	PRICE
81199	Draper Jewellers Snips 175mm.....	£14.99

**XURON SUPER FLUSH CUTTER** high quality Micro-Shear® flush-cutters. Featuring a tough alloyed steel, state-of-the-art heat treated, high precision screw, post pivot and ultra precise grinding. Cuts everything from mylar or thread up to 14 AWG soft wire. With advanced ergonomically designed Xuro-Rubber™ cushioned grips, Light Touch™ return spring and glare eliminating finish so you can work more comfortably and precisely and for longer than is possible with a conventional cutter.



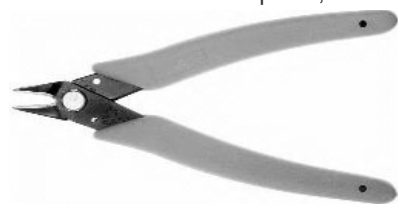
CODE	TYPE	PRICE
030-170	Xuron Super Flush Cutter 130mm 170-11...	£14.99

**XURON LX MICRO-SHEAR FLUSH CUTTER** a flush cutter suitable for soft wire up to 1.29mm in diameter. Using Xuron's patented blade by pass system ensures that both edges of the material are cut cleanly rather than compressed as with conventional side cutters. With cushioned grips and a return spring for greater comfort.



CODE	TYPE	PRICE
030-999	Xuron LX Micro-Shear Flush Cutter.....	£15.99

**XURON ULTRAFLUSH CUTTER** a miniature pair of side cutters with cushion grip sprung handles. The jaws are ground to an ultraflush finish which produces a very clean cut end. The by-pass cutting action reduces the effort required, and this also extends the tool life. Cutting capacity 1.2mm soft copper wire & plastics. Length 120mm.



CODE	TYPE	PRICE
PL410A	Xuron Ultraflush Cutter 410A.....	£14.99

**XURON SPRUE CUTTERS** with cushion grip sprung handles. The jaws are ground to an ultraflush finish. The by-pass cutting action reduces the effort required, and this also extends the tool life. The jaw is tapered to allow cuts in restricted spaces, an angled jaw version is also available which further improves working in restricted spaces and are ideal for working on the inside of a radius. Cutting capacity 1.2mm soft copper wire and plastics. Length 130mm.



CODE	TYPE	PRICE
75574	Xuron Sprue Cutter 410T.....	£15.99
75572	Xuron Angled Sprue Cutter 420T.....	£21.99

**XURON HIGH PRECISION SCISSOR** a high quality scissor with cushion grip sprung handles. The jaws are accurately ground and the passing cutting action ensures a clean cut. Ideal for cutting brass frets. Length 130mm.



CODE	TYPE	PRICE
PL0440	Xuron High Precision Scissor 440.....	£19.99

**XURON HARD WIRE & CABLE CUTTER** a quality hard wire cutter with a high leverage cutting action. The handles are sprung, have cushion grip covers and a 'no nip' action. The hardened jaws pass completely ensuring an efficient cut. Cutting capacity 2mm hard wire. Length 140mm.



CODE	TYPE	PRICE
PL2193	Xuron Hard Wire & Cable Cutter.....	£21.99

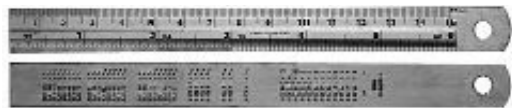
**XURON TRACK CUTTERS** a high leverage cutter specially designed for cutting nickel silver model railway track from Z to OO. The handles are sprung and have cushion grip covers. The hardened jaws have a by-pass action which reduces the effort required and extends the tool life. Cutting capacity:- nickel silver rail Z to OO.

Length 150mm. The "In-Situ" Patten Cutter is also available.



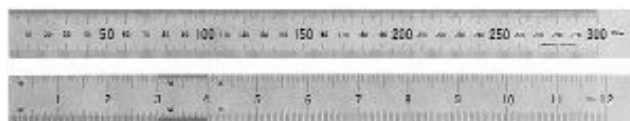
CODE	TYPE	PRICE
PL2175	Xuron Track Cutter Standard Patten.....	£16.99
030-583	Xuron Track Cutter In-Situ Patten 2175M....	£17.99

**STAINLESS STEEL RULES** a range of high quality stainless steel rules. Easy to read permanently etched graduations showing metric graduations of 1/2mm, mm, cm and imperial graduations of 1/16, 1/32 and 1/64". Metric/Imperial conversion tables are etched on the reverse side. Lengths 6", 12", 24" and 39".



CODE	TYPE	PRICE
040-551	L/C Stainless Steel Rule 6".....	£1.75
040-552	L/C Stainless Steel Rule 12".....	£2.99
040-553	L/C Stainless Steel Rule 24".....	£5.99

**FISHER SATIN CHROME STAINLESS STEEL RULES** manufactured in Japan from high quality hardened stainless steel. The satin chrome finish is an ideal surface for printing fine graduations which are easy to read with minimum light reflection. Shows metric graduations of 1/2mm, mm, cm and imperial graduations of 1/10, 1/16, 1/20, 1/32, 1/50 and 1/64". 6", 12" and 24".



CODE	TYPE	PRICE
F006	Fisher Satin Chrome Rule 6".....	£4.99
FC12	Fisher Satin Chrome Rule 12".....	£8.99
RLFC24	Fisher Satin Chrome Rule 24".....	£21.99



**STAINLESS STEEL SCALE RULES** a range of flat profile stainless steel scale rules covering a range of popular modelling scales. All types have permanently etched markings on a satin finish. The reverse side of all types has a range of conversion tables covering inches to mm, metric tapping drill sizes, BA tapping and clearance sizes. All rules are 12".



CODE	TYPE	PRICE
040-102	S/Steel Scale Rule 2mm/Foot - N Gauge.....	£5.99
040-103	S/Steel Scale Rule 3.5mm/Foot - HO Gauge	£5.99
040-104	S/Steel Scale Rule 4mm/Foot - OO Gauge...	£5.99
040-107	S/Steel Scale Rule 7mm/Foot - O Gauge.....	£5.99

**STAINLESS STEEL PROTRACTOR** a stainless steel protractor with permanently etched graduations on the plate and ruler. The protractor plate is graduated 0-180° in opposite directions, the bottom edge of the plate also has a metric scale. The rule is marked 0 - 100mm in mm graduations. The rule can be locked in position.

Plate dims:-  
90 x 50mm.



CODE	TYPE	PRICE
040-015	Stainless Steel Protractor.....	£7.99

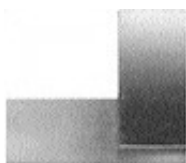
**PROFESSIONAL DIGITAL VERNIER CALLIPER** professional digital calipers with four function measurement, internal, external, depth and step. It has thumb lock adjustment, zero-setting at any position and a 13mm x 38mm large display screen with metric and imperial measurement. Manufactured from hardened stainless steel. Supplied with SR44 battery and carry/storage case.

Capacity  
0-6"  
0-150mm



CODE	TYPE	PRICE
041-244	Professional Digital Caliper 0 - 6"/150mm....	£19.99

**MINIATURE ENGINEERS SQUARE** with solid steel stock with hardened, tempered and finely polished blade. Manufactured conforming to BS939 workshop grade B for squareness. Tolerance of the working surface and the blade edge falls within 0.016mm/0.00064".



CODE	TYPE	PRICE
041-101	Miniature Engineers Square 1".....	£6.99

**FISHER ENGINEERS SQUARES** solid steel stock with hardened, tempered and finely polished blades. Manufactured conforming to BS939 work shop grade B for squareness. Tolerance of the working surface and the blade edge falls within 0.016mm/0.00064".



CODE	TYPE	PRICE
041-002	Fisher Engineers Square to BS939B 2".....	£14.99
041-003	Fisher Engineers Square to BS939B 3".....	£15.49
041-004	Fisher Engineers Square to BS939B 4".....	£15.99
041-006	Fisher Engineers Square to BS939B 6".....	£18.99

**ENGINEERS SCRIBER** a double ended scriber with hardened and ground points. Length 7".



CODE	TYPE	PRICE
E222	Eclipse Engineers Scribe.....	£4.99

**HANDY SCRIBER** double ended scriber with a point and a knife end for use as a scraper. Hardened and ground. Length 7".



CODE	TYPE	PRICE
040-515	Handy Scribe.....	£3.99

**ENGINEERS MINI POCKET SCRIBER** a useful sized pocket scriber with a hardened steel reversible point and pocket clip. Length 3½"/89mm.



CODE	TYPE	PRICE
040-151	Engineers Mini Pocket Scribe.....	£6.50

**TCT SCRIBER AND GLASS CUTTER** high quality scriber with a tungsten carbide tip. It has a tip guard and pocket clip. Length 145mm.



CODE	TYPE	PRICE
040-657	TCT Scriber and Glass Cutter.....	£3.99

**CARBIDE TIP SCRIBER** with a single carbide point for marking hardened material including steel and ceramics. Heavy knurled body with pocket clip. Length 5½".



CODE	TYPE	PRICE
040-055	Carbide Tip Scribe 5½".....	£6.99

**SLIM SCRIBER/AUTO CENTRE PUNCH** a pencil type scriber for delicate scribing. A feature of this tool is that it also doubles as an automatic centre punch. When scribing, if a reference mark is required, simply depress the scriber and an internal hammer mechanism strikes the point and a perfect mark is made. The punch is adjustable to allow for working hard or soft materials. The scriber has a pocket clip and spare points are available. Length 5½".



CODE	TYPE	PRICE
SCR206	Slim Scriber/Auto Centre Punch.....	£15.99

**MICROMETER ENGINEERS MARKING BLUE** gives a clear mark on any metal in any light, and being a lubricant it cannot damage bearings or other working parts. Supplied in a 38g tin.



CODE	TYPE	PRICE
EGBLUE	Engineers Blue.....	£4.99

**PRIORY CENTRE PUNCHES** a high quality range of hardened steel punches carefully heat treated for long life. Precisely knurled body with square head which gives good striking area and prevents the punch from rolling. Manufactured in England.



CODE	TYPE	PRICE
CP-116	Priory Centre Punch 1/16".....	£4.75
CP-332	Priory Centre Punch 3/32".....	£4.75
CP-18	Priory Centre Punch 1/8".....	£4.75
CP-316	Priory Centre Punch 3/16".....	£4.75
CP-14	Priory Centre Punch 1/4".....	£4.75



**AUTOMATIC CENTRE PUNCH** a hand operated centre punch which does not require a hammer. The tool is held in an upright position and then depressed for a perfect centre mark every time. Adjustable for hard/soft materials, light/heavy indents. Heavy knurled body for easy handling. Length 130mm.



CODE	TYPE	PRICE
040-289	Automatic Centre Punch.....	£4.99

**H/D AUTOMATIC CENTRE PUNCH** an automatic centre punch which is ideal for making light indents to heavy punching without using a hammer. The pressure can be varied by rotating the head.



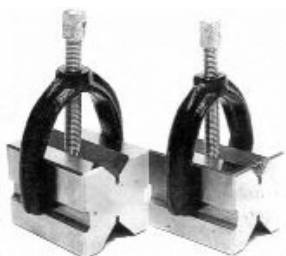
CODE	TYPE	PRICE
040-101	H/D Automatic Centre Punch 150mm.....	£8.99

**TOOLMAKERS CLAMPS** case hardened steel jaws with tempered clamping screws. The screw heads are knurled and have cross holes for tightening. Screw clips keep the jaws in place. Used for clamping small items while drilling and tapping etc.



CODE	TYPE	PRICE
CL0040	Toolmakers Clamp 2".....	£5.99
CL0045	Toolmakers Clamp 3".....	£8.99

**MACHINIST V-BLOCK AND CLAMP SET** manufactured from a hardened tool steel and supplied as a matched and numbered pair. The 'V' angles are precision ground central, parallel and square to the sides and ends. The V capacity is 25mm. Supplied as a set of two blocks and two clamps.



CODE	TYPE	PRICE
CL0060	Machinist V-Block.....	£26.99

**HIGH QUALITY METRIC MICROMETER 0-25MM** a high quality metric micrometer with an enamelled bow frame which is cut away at the anvil end to facilitate measurements in narrow slots. It has tungsten carbide measuring surfaces, pearl chrome plate thimble and sleeve with ratchet and locking lever. It is fitted with heat resistant pads. Measuring range 0-25mm graduated to 0.01mm. Supplied in a storage box with adjustment tool.



CODE	TYPE	PRICE
GA0066	High Quality Metric Micrometer 0-25mm.....	£14.99

**WATCHMAKERS MALLET WITH 6 HEADS** a high quality jewellers and watchmakers mallet. It has a range of 6 interchangeable heads which screw on. There is 4 steel, a brass and an acrylic head. The handle is 185mm long and has an increased diameter handle and is knurled for extra grip. Weight 3oz.



CODE	TYPE	PRICE
HA1200	Watchmakers Mallet with 6 Heads.....	£5.99

**SWISS STYLE HAMMER** high quality lightweight hammer similar to those used by watchmakers. It has a hardened steel head with flat and chisel ends for spreading rivets etc.



CODE	TYPE	PRICE
HA0010	Swiss Style Hammer.....	£5.99

**MINIATURE BALL PEIN HAMMERS** high quality lightweight hammers with a flat and ball end. Hardened steel head set on a shaped wooden handle.



CODE	TYPE	PRICE
HA0015	Mini Ball Pein Hammer 1oz.....	£4.99
HA0018	Mini Ball Pein Hammer 2oz.....	£6.49
050-782	Mini Ball Pein Hammer 4oz.....	£7.49

**MINI PEN GRIP PIN PUSHER** a miniature pin pusher which is ideal for pushing brass or steel pins, setting miniature model railway track pins, ideal for model boat and dolls houses etc.



CODE	TYPE	PRICE
050-174	Mini Pen Grip Pin Pusher.....	£9.99

**PIN PUSHERS** a range of pin pusher with a quality wood handle. Two sizes are available, ideal for use with miniature pins. The 2mm type is ideal for small pins as used in model boat building and fine track pins. The 3mm type is suited to Hornby type tack pins etc.



CODE	TYPE	PRICE
050-751	Pin Pusher 2mm for Fine Track Pins.....	£8.99
050-752	Pin Pusher 3mm for Fine Track Pins.....	£8.99

**MINIATURE BRASS PINS** small round head brass pins for use with the above miniature pin pusher. Ideal for miniature assembly work. 4 sizes available 7, 10 and 12mm length x 0.65mm diameter, and very fine pins length 10mm x 0.5mm. Supplied in packs of approximately 150. Also available; round head steel pins, 10mm length x 0.7mm diameter. Flat head pins in Brass or Black colour 7mm length x 0.7mm dia.



CODE	TYPE	PRICE
4134-7	7mm Round Head Brass Pins.....	£2.49
4134-10	10mm Round Head Brass Pins.....	£2.49
4134-12	12mm Round Head Brass Pins.....	£2.49
4136-10	10mm Round Head Brass Pins Very Fine.....	£3.50
190-174	7mm Flat Head Pins 100 Approx Brass.....	£2.50
190-175	7mm Flat Head Pins 100 Approx Black.....	£2.50

**HIGH QUALITY FIXED PIERCING SAW FRAME** a high quality fixed piercing saw frame, light weight and well balanced with a shaped hardwood handle. Ideal for intricate work, throat depth 85mm.



CODE	TYPE	PRICE
SA0047	High Quality Piercing Saw Frame Fixed.....	£8.99

**ADJUSTABLE PIERCING SAW FRAME** a high quality adjustable piercing saw frame which allows the use of shorter or broken blades. The saw frame is chrome plated, well balanced and has a shaped wooden handle. Throat depth 75mm.



<b>CODE</b>	<b>TYPE</b>	<b>PRICE</b>
SA5040	H/Q Adjustable Piercing Saw Frame 75mm.	£10.99

**DE LUXE ADJUSTABLE PIERCING SAW FRAMES** these de luxe frames with a blade tensioner are an industry standard in the Jewellery Trade. The slim hardwood handle is lacquered, the frame is light and well balanced. Available in 4 throat depths.



<b>CODE</b>	<b>TYPE</b>	<b>PRICE</b>
SA1079/3	De Luxe Adj Piercing Saw Frame 75mm....	£13.99
SA1079/4	De Luxe Adj Piercing Saw Frame 100mm...	£15.99
SA1079/5	De Luxe Adj Piercing Saw Frame 125mm...	£17.99
SA1079/6	De Luxe Adj Piercing Saw Frame 150mm...	£19.99

**V-BLOCK & CLAMP** used in conjunction with a piercing saw, this simple but effective tool comprises of a clamp and a hardwood block with a 'V' cut into it. The block is clamped to a table and the work is placed on the block and cutting inside the 'V' jaws of the block supports the work. Use for all piercing and fret work. Block size 195mm x 60mm.



<b>CODE</b>	<b>TYPE</b>	<b>PRICE</b>
VBC366	V- Block & Clamp.....	£6.99

**HIGH QUALITY PIERCING SAW BLADES** high quality piercing saw blades manufactured in Germany. These blades are manufactured to a very high standard with accurately formed teeth and are used by jewellers and watchmakers. Supplied in dozens and packs of 144. **\*\*Note - you may now mix your gross packs i.e. select 12 packs of 1 dozen for £32.29\*\***

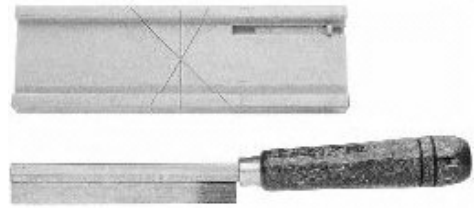
CODE	TYPE	Thickness Width Teeth			PRICE
		Size	mm	mm per inch	
1080/80	Piercing Saw Blades 8/0	0.16	0.32	89.....	£2.99
1080/70	Piercing Saw Blades 7/0	0.17	0.33	84.....	£2.99
1080/60	Piercing Saw Blades 6/0	0.18	0.36	81.....	£2.99
1080/50	Piercing Saw Blades 5/0	0.20	0.40	71.....	£2.99
1080/40	Piercing Saw Blades 4/0	0.22	0.44	67.....	£2.99
1080/30	Piercing Saw Blades 3/0	0.48	0.48	60.....	£2.99
1080/20	Piercing Saw Blades 2/0	0.26	0.52	56.....	£2.99
1080/0	Piercing Saw Blades 0	0.28	0.58	52.....	£2.99
1080/1	Piercing Saw Blades 1	0.30	0.63	48.....	£2.99
1080/2	Piercing Saw Blades 2	0.34	0.70	44.5..	£2.99
1080/3	Piercing Saw Blades 3	0.36	0.74	40.5..	£2.99
1080/4	Piercing Saw Blades 4	0.38	0.80	38.....	£2.99
1080/5	Piercing Saw Blades 5	0.40	0.85	35.5..	£2.99
1080/6	Piercing Saw Blades 6	0.44	0.94	34.....	£2.99

**B1080/M P/S Blades 12 Packs of 12 (Advise Mix)...** £32.29

**\*\*Note - you may now mix your gross packs i.e. select 12 packs of 1 dozen for £32.29\*\***

Please ensure you advise your required mix of blades

**ZONA RAZOR SAWS** ultra thin razor saws suitable for cutting small mouldings, plastics and non-ferrous metals. 3 types are available. Ideal for all miniature and modelling work. The blades are very thin: only 0.20mm/.008", length 114mm/4½", cutting depth 12.7mm/1/2".



<b>CODE</b>	<b>TYPE</b>	<b>PRICE</b>
35-200	Zona Razor Saw Medium 32TPI.....	£11.49
35-150	Zona Razor Saw Fine 42TPI.....	£11.49
35-050	Zona Razor Saw Super Fine 52TPI.....	£11.49
35-251	Zona Razor Saw Med 32TPI + Plastic Mitre	£18.69
35-250	Zona Plastic Mitre Box.....	£9.29

**ZONA UNIVERSAL RAZOR SAW** a good all purpose saw used for model making and small wood working. Cuts balsa, soft and hardwoods, plastics and non-ferrous metals. The blade is only 0.25mm/.010", length 165mm/6½", cutting depth 30mm/1-3/16". 32 TPI.



<b>CODE</b>	<b>TYPE</b>	<b>PRICE</b>
35-500	Zona Universal Razor Saw 32TPI.....	£12.49

**ZONA FINE WOODCRAFT SAW** ideal for cutting hard and soft wood, particularly small picture frames, dolls house parts and fine dovetail work. The blade is very thin only 0.38mm/.015", length 165mm/6", cutting depth 22mm/7/8". 24 TPI.



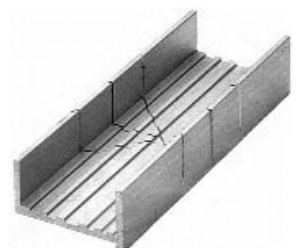
<b>CODE</b>	<b>TYPE</b>	<b>PRICE</b>
35-300	Zona Fine Woodcraft Saw 24TPI.....	£11.49

**SAW BLADE LUBRICANT** a wax stick which is used to lubricant blades. It prolongs blade life and produces smoother and faster cuts, also helps to prevent wood saw blades from clogging. Used with most types of power saws and hand saws including:- fretsaws, piercing saws, hacksaws, scroll saws, bandsaws and circular saws. Stick length 200mm x 25mm.



<b>CODE</b>	<b>TYPE</b>	<b>PRICE</b>
050-901	Saw Blade Lubricant.....	£10.99

**ALUMINIUM MITRE BOX** an aluminium mitre box used for the accurate cutting of 45° mitre and 90° square ends. The box has one 90° guide slot and two 45° guide slots, the base has grooves to assist with holding the material securely whilst sawing. The box also has a lip on the lower front edge for holding it securely to the work bench. Ideal for use with X-Acto razor saws and other manufacturers slitting saws.



<b>CODE</b>	<b>TYPE</b>	<b>PRICE</b>
AMB710	Aluminium Mitre Box.....	£7.99

**HARDWOOD FILE HANDLES** shaped handles with steel ferrule for use with engineers files and other manufacturers files.



CODE	TYPE	PRICE
FHW003	Hardwood File Handle 3".....	£0.75
FHW004	Hardwood File Handle 4".....	£0.85

**DRAPER HAND FILE 6"** hand file with one safe edge, carbon chrome steel, hardened and tempered with a rust preventative finish.



CODE	TYPE	PRICE
60202	Draper Hand File Bastard Cut 6".....	£4.99
60207	Draper Hand File Second Cut 6".....	£5.49
60212	Draper Hand File Smooth Cut 6".....	£5.89

**DRAPER FLAT FILE 6"** flat file made of carbon chrome steel. Hardened and tempered with a rust preventative finish.



CODE	TYPE	PRICE
60232	Draper Flat File Bastard Cut 6".....	£4.99
60237	Draper Flat File Second Cut 6".....	£5.39
60242	Draper Flat File Smooth Cut 6".....	£5.79

**DRAPER HALF ROUND FILE 6"** made of carbon chrome steel. Hardened and tempered with a rust preventative finish.



CODE	TYPE	PRICE
60217	Draper Half Round File Bastard Cut 6".....	£6.99
60222	Draper Half Round File Second Cut 6".....	£7.69
60227	Draper Half Round File Smooth Cut 6".....	£7.99

**TOMÉ HAND FILES** parallel in width and thickness for whole length. Cuts on both faces and one side, one side safe edge. Available in Bastard, Second and Smooth cuts, 4" & 6" lengths.



CODE	TYPE	PRICE
F12095	Hand File Bastard Cut 4".....	£4.29
F12096	Hand File Bastard Cut 6".....	£4.99
F12102	Hand Second Cut 4".....	£4.79
F12103	Hand Second Cut 6".....	£5.99
F12108	Hand Smooth Cut 4".....	£5.09
F12109	Hand Smooth Cut 6".....	£6.50

**TOMÉ FLAT FILES** parallel in thickness, tapered width, with cuts on all faces. Available in Bastard, Second and Smooth Cuts 4" & 6" lengths.



CODE	TYPE	PRICE
F12076	Flat File Bastard Cut 4".....	£4.79
F12077	Flat File Bastard Cut 6".....	£5.29
F12083	Flat File Second Cut 4".....	£4.89
F12084	Flat File Second Cut 6".....	£5.69
F12089	Flat File Smooth Cut 4".....	£5.29
F12090	Flat File Smooth Cut 6".....	£5.89

**TOMÉ PILLAR FILES** slightly tapered in thickness parallel in width, cuts on both sides and one edge. Available in Bastard, Second and Smooth Cuts, 4" & 6" lengths.



CODE	TYPE	PRICE
060-022	Pillar File Bastard Cut 4".....	£6.59
060-024	Pillar File Bastard Cut 6".....	£16.99
060-026	Pillar File Second Cut 4".....	£6.99
060-028	Pillar File Second Cut 6".....	£15.99
060-030	Pillar File Smooth Cut 4".....	£8.09
060-032	Pillar File Smooth Cut 6".....	£17.99

**TOMÉ HALF ROUND FILES** width and thickness tapered, cuts on both faces. Available in Bastard, Second and Smooth Cuts, 4" & 6" lengths.



CODE	TYPE	PRICE
F12114	Half Round File Bastard Cut 4".....	£6.99
F12115	Half Round File Bastard Cut 6".....	£8.29
F12120	Half Round File Second Cut 4".....	£7.39
F12121	Half Round File Second Cut 6".....	£8.49
F12126	Half Round File Smooth Cut 4".....	£7.89
F12127	Half Round File Smooth Cut 6".....	£8.79

**TOMÉ KNIFE FILES** tapered in thickness to bottom edge like a knife blade, tapers towards end, cuts on both sides and bottom edge. Available in Bastard, Second and Smooth Cuts, 4" & 6" lengths.



CODE	TYPE	PRICE
060-010	Knife File Bastard Cut 4".....	£10.99
060-012	Knife File Bastard Cut 6".....	£9.99
060-014	Knife File Second Cut 4".....	£11.99
060-016	Knife File Second Cut 6".....	£10.49
060-018	Knife File Smooth Cut 4".....	£12.99
060-020	Knife File Smooth Cut 6".....	£14.99

**DRAPER NEEDLE FILE HAND SECOND CUT 160mm** a needle file for intricate work. Manufactured from high carbon/chrome steel, hardened and tempered to HRC 62-64 files.



CODE	TYPE	PRICE
63391	Draper N/File Hand Second Cut 160mm.....	£1.50

**DRAPER NEEDLE FILE FLAT SECOND CUT 160mm** a needle file for intricate work. Manufactured from high carbon/chrome steel, hardened and tempered to HRC 62-64 files.



CODE	TYPE	PRICE
63392	Draper N/File Flat Second Cut 160mm.....	£1.50

**DRAPER NEEDLE FILE H/RND SECOND CUT 160mm** a needle file for intricate work. Manufactured from high carbon/chrome steel, hardened and tempered to HRC 62-64 files.



CODE	TYPE	PRICE
63393	Draper N/File H/Round Second Cut 160mm..	£1.50

**DRAPER N/FILE 3 SQUARE SECOND CUT 160mm** a needle file for intricate work. Manufactured from high carbon/chrome steel, hardened and tempered to HRC 62-64 files.



CODE	TYPE	PRICE
63394	Draper N/File 3 Square Second Cut 160mm.	£1.50

**DRAPER NEEDLE FILE SQUARE SECOND CUT 160mm** a needle file for intricate work. Manufactured from high carbon/chrome steel, hardened and tempered to HRC 62-64 files.



CODE	TYPE	PRICE
63395	Draper N/File Square Second Cut 160mm....	£1.50

**DRAPER NEEDLE FILE ROUND SECOND CUT 160mm** a needle file for intricate work. Manufactured from high carbon/chrome steel, hardened and tempered to HRC 62-64 files.



CODE	TYPE	PRICE
63396	Draper N/File Round Second Cut 160mm....	£1.50



**SWISS PATTERN NEEDLE FILES** for intricate work. All shapes are 6¼"/160mm length. Available in 3 cuts; No 0 - Coarse, No 2 - Medium and No 4 Fine.

**TOMÉ SWISS PATTERN HAND NEEDLE FILE** parallel in width and thickness for whole length, cuts on both faces and sides.



CODE	TYPE	PRICE
N32949	Hand Needle File Cut No 0.....	£3.50
N12357	Hand Needle File Cut No 2.....	£3.50
N12366	Hand Needle File Cut No 4.....	£3.50

**TOMÉ SWISS PATTERN FLAT NEEDLE FILE** parallel thickness, width tapers to a fine point, cuts on both faces and sides.



CODE	TYPE	PRICE
N32950	Flat Needle File Cut No 0.....	£3.50
N12358	Flat Needle File Cut No 2.....	£3.50
N12367	Flat Needle File Cut No 4.....	£3.50

**TOMÉ SWISS PATTERN HALF ROUND NEEDLE FILE** width and thickness taper to a fine point, cuts on both faces.



CODE	TYPE	PRICE
N32951	Half Round Needle File Cut No 0.....	£3.50
N12359	Half Round Needle File Cut No 2.....	£3.50
N12368	Half Round Needle File Cut No 4.....	£3.50

**TOMÉ SWISS PATTERN THREE SQUARE NEEDLE FILE** triangular in section tapering to a fine point, cuts on all faces.



CODE	TYPE	PRICE
N32952	Three Square Needle File Cut No 0.....	£3.50
N12360	Three Square Needle File Cut No 2.....	£3.50
N12369	Three Square Needle File Cut No 4.....	£3.50

**TOMÉ SWISS PATTERN SQUARE NEEDLE FILE** square section tapering to a fine point, sharp corners, cuts on all faces.



CODE	TYPE	PRICE
N32953	Square Needle File Cut No 0.....	£3.50
N12361	Square Needle File Cut No 2.....	£3.50
N12371	Square Needle File Cut No 4.....	£3.50

**TOMÉ SWISS PATTERN ROUND NEEDLE FILE** circular cross section tapering to a fine point, cut over whole face.



CODE	TYPE	PRICE
N32954	Round Needle File Cut No 0.....	£3.50
N12363	Round Needle File Cut No 2.....	£3.50
N12372	Round Needle File Cut No 4.....	£3.50

**NEEDLE FILE HANDLE** manufactured from ABS and features a brass collet chuck. Accepts all regular needle files with round shafts from 2.5 - 3.5mm dia.



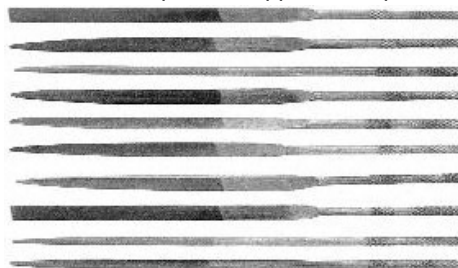
CODE	TYPE	PRICE
NFH010	Needle File Handle.....	£3.50

**WOODEN NEEDLE FILE HANDLE** a high quality shaped wooden needle file handle with a brass collet chuck. Accepts all regular needle files with round shafts from 2.5 - 3.5mm dia. Length 115mm.



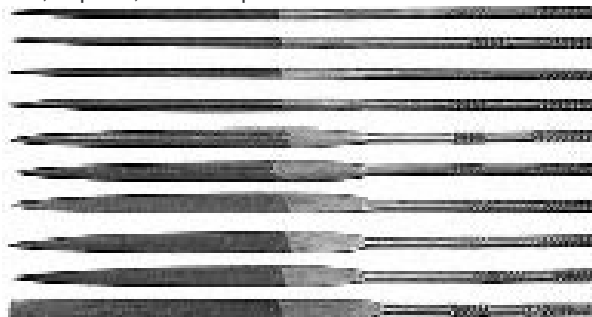
CODE	TYPE	PRICE
NFH015	Wooden Needle File Handle.....	£5.50

**10 PIECE MINIATURE NEEDLE FILE SET 100 x 2MM** a set of medium cut miniature needle files which are only 100mm length and 2mm diameter at the tang. The set contains the most popular shapes including Hand, Flat, Round, Half Round, Crossing, Barrette, Knife, Three Square. Supplied in a plastic wallet.



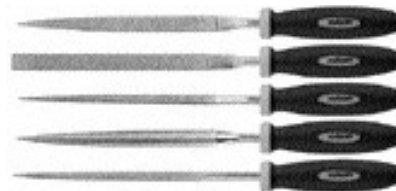
CODE	TYPE	PRICE
060-536	10 Pc Miniature Needle File Set 100 x 2mm.	£9.99

**10 PIECE NEEDLE FILE SET** supplied in a plastic wallet, medium cut, length 140mm with a 3mm diameter tang. The set contains the most popular shapes including Round, Flat, Hand, Half Round, Square, Three Square etc.



CODE	TYPE	PRICE
FLN010	10 Piece Needle File Set 140mm.....	£6.99

**5 PIECE DIAMOND COATED NEEDLE FILE SET** a five piece set of the most popular shapes ideal for intricate work. Diamond coated with 150 grit, and soft rubber cushion grips. The shapes include:- Hand, Flat, Half Round, Round and Square. Length: 140mm



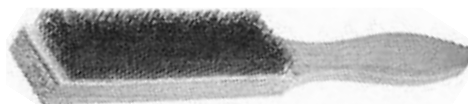
CODE	TYPE	PRICE
060-621	5 Piece Diamond Needle File Set.....	£7.99

**DIAMOND GRIT FEATHER EDGE FILE** a diamond grit feather edge file with a shaped wooden handle. Suitable for shaping or removing excess from materials including plastics, fibreglass, plaster, laminates, nonferrous metals, wood, tiles etc. Diamond grit covering 65mm, length overall 180mm.



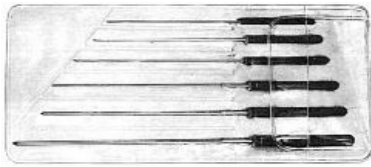
CODE	TYPE	PRICE
060-613	Diamond Feather Edge File 180mm.....	£7.99

**FILE CLEANING BRUSH** a file card mounted on a wooden handle for removal of swarf and filings from the cutting surface of files. Particularly useful when filing soft materials which tend to clog files easily. File card dims:- 100 x 25mm. Length overall 210mm.



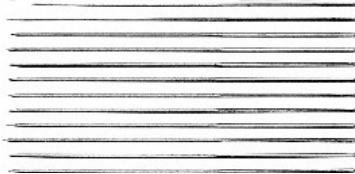
CODE	TYPE	PRICE
FCB005	File Cleaning Brush.....	£5.99

**BROACHES** traditionally a watch and clock makers tool, cutting broaches for the gentle enlarging or sizing of holes, smoothing types are used for burnishing to a fine finish. Made in Germany.



CODE	TYPE	PRICE
BRC005	Cutting Broach 3 - 4mm (Single).....	£10.99
BRC317	Cutting Broach 4.1 - 5.5mm (Single).....	£15.99
BRC318	Cutting Broach 5.6 - 7.0mm (Single).....	£20.99
BRC010	6 P/c Cutting Broach Set 0.4 - 1.4mm.....	£16.99
BRC015	6 P/c Cutting Broach Set 0.6 - 2.0mm.....	£17.99
BRC016	6 P/c Cutting Broach Set 1.2 - 3.0mm.....	£24.99
BRC197	6 P/c Cutting Broach Set 2.2 - 6.0mm.....	£59.99
BRS020	6 P/c Smoothing Broach Set 0.4 - 1.4mm....	£16.99
BRS025	6 P/c Smoothing Broach Set 0.6 - 2.0mm....	£17.99
BRS030	6 P/c Smoothing Broach Set 1.2 - 3.0mm....	£24.99
BRS205	6 P/c Smoothing Broach Set 2.2 - 6.0mm....	£49.99

**12 PIECE MINIATURE CUTTING BROACH SET** a low cost set of cutting broaches for enlarging holes in brass etc. Ideal for modelling and craft work. These are not fitted with a handle and are best used with a pin vice. Sizes 0.3mm - 0.65mm, supplied in a plastic tube.



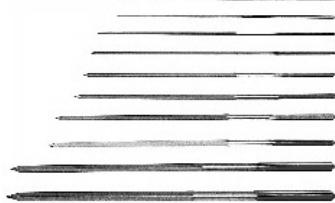
CODE	TYPE	PRICE
BRC200	12 P/C Mini Cutting Broach Set 0.3-0.65mm.	£6.99

**BROACH SETS** a range of low cost cutting and smoothing broach sets. Cutting broaches for the gentle enlarging or sizing of holes, smoothing types are used for burnishing to a fine finish. Ideal for modelling and craft work. Supplied in a plastic wallet.



CODE	TYPE	PRICE
BRC250	6 Piece Cutting Broach Set 0.8 - 2.0mm.....	£13.99
BRC372	6 Piece Cutting Broach Set 1.2 - 3.2mm.....	£20.99
BRC373	6 Piece Cutting Broach Set 2.4 - 6.0mm.....	£32.99
BRS377	6 Piece Smoothing Broach Set 1.2 - 3.2mm	£17.99
BRS378	6 Piece Smoothing Broach Set 2.4 - 6.0mm	£29.99

**10 PIECE CUTTING BROACH SET** a low cost set of cutting broaches for enlarging holes in brass etc. Ideal for modelling and craft work. Sizes 0.8mm - 3.0mm, supplied in a plastic tube.



CODE	TYPE	PRICE
BRC300	10 Piece Cutting Broach Set 0.8 - 3.0mm....	£19.99

**DIAMOND REAMER & COUNTERSINK SET** 4 miniature diamond file reamers. Useful for gently opening out holes in various materials including plastics, metals etc. The set contains 2 needle point round files, and 2 cone files used for counter sinking.



CODE	TYPE	PRICE
060-301	3 P/c Diamond Reamer/Countersink Set.....	£9.99

**MICRO DRILL REAMER** a high quality micro reamer for cleaning or enlarging panel holes. It has 2 flutes, size 1-5mm. Manufactured in England. **New Style Handle.**



CODE	TYPE	PRICE
TR0005	Micro Drill Reamer 1mm - 5mm.....	£18.99

**TAPERED REAMERS** good quality hand operated tapered reamers for finishing and deburring panel holes, they may also be used for opening holes out to non-preferred diameters. 2 sizes available for hole sizes 3mm to 12mm (1/8" to 1/2"), and 6mm to 19mm (1/4" to 3/4").



CODE	TYPE	PRICE
060-065	Tapered Reamer 3mm - 12mm.....	£6.99
060-070	Tapered Reamer 3mm - 16mm.....	£10.99

**TAPERED REAMER 1 -16mm** a good quality hand operated tapered reamer used for finishing and deburring panel holes, opening holes out to non-preferred diameters. Fitted with a comfortable plastic handle. Hole sizes 1mm to 16mm. Length 135mm.



CODE	TYPE	PRICE
060-069	Hand Reamer with Plastic Handle 1-16mm.	£12.99

**PARALLEL HAND REAMERS** two popular sizes, manufactured by Dormer Tools to ISO/BS328 and DIN206B standards. Intended to finish existing holes to H7 tolerance and are ideal for small batch production and repairs. They can be used on most ferrous and non-ferrous metals. Full range can be supplied.



CODE	TYPE	PRICE
HR-1/8	Dormer Hand Reamer 1/8".....	£29.99
HR3/16	Dormer Hand Reamer 3/16".....	£34.99

**GRAVER SET** a set of gravers suitable for carving and decorative work in a range of materials. Supplied as a set of 3 blades and 2 handles.



CODE	TYPE	PRICE
060-303	5 Piece Graver Set.....	£14.99

**JEWELLERS DRAWPLATE** a high quality steel drawplate used for reducing the diameter of round material or to make round material. The plate has 24 tapered holes ranging from 20 to 156 thou. The material is placed in the smallest hole that it will fit in, and is then drawn through. The sharp edge of the hole removes some material, use the next hole size down to continue size reduction. Suitable for use with wood, plastic. Can be used with brass wire, annealing the wire will assist the process, bees wax or similar can be used as a lubricant.



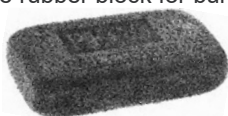
CODE	TYPE	PRICE
060-380	Jewellers Drawplate.....	£9.99

**GARRYFLEX ABRASIVE BLOCKS** a gentle abrasive hand tool which has applications wherever metal is being worked. The block is made of a special resilient rubber filled with a hard abrasive grit which is evenly distributed through the block so that a constant finish is imparted throughout the life of the tool. It is equally effective on curved or flat surfaces. Various effects can be obtained using lubricants such as water, paraffin or solvent. 1,000's of uses include cleaning and polishing metals, rust and tarnish removal, cleaning electrical contacts etc, ideal as a track rubber for model railways. Dims:- 80 x 50 x 20mm.



CODE	TYPE	PRICE
AB0010	Garryflex Block Fine 240 Grit.....	£6.99
AB0020	Garryflex Block Medium 120 Grit.....	£6.99
AB0030	Garryflex Block Coarse 60 Grit.....	£6.99
AB0040	Garryflex Block Extra Coarse 36 Grit.....	£6.99

**PECO RAIL CLEANER** an abrasive rubber block for burnishing the surface of model railway track. Dimensions 50 x 25 x 11mm.



CODE	TYPE	PRICE
PL41	Peco Track Rubber PL41.....	£4.19

**2mm SCRATCH BRUSH** slim clutch pencil type for small areas.



CODE	TYPE	PRICE
AB0060	2mm Scratch Brush.....	£8.99
AB0070	2mm Scratch Brush Refills 3 Pack.....	£3.50
AB0075	2mm Scratch Brush Refills 12 Pack.....	£12.99

**4mm SCRATCH BRUSH** a high quality propelling pencil type, supplied with a glass refill. Brass and steel refills are also available.



CODE	TYPE	PRICE
AB0080	4mm Scratch Brush.....	£6.99
AB0090	4mm Refill Glass x 1.....	£0.65
AB0092	4mm Refill Glass Pack of 10.....	£6.00
AB0095	4mm Refill Glass Box of 24.....	£12.99
AB0144	4mm Refill Glass Pack of 144.....	£72.00
AB0100	4mm Refill Brass x 1.....	£0.85
AB0105	4mm Refill Brass Box of 24.....	£17.99
AB0110	4mm Refill Steel x 1.....	£0.99
AB0115	4mm Refill Steel Box of 24.....	£20.99

**WIDE PATTERN SCRATCH BRUSH** a clutch type scratch brush suitable for cleaning larger areas. The glass is 8mm diameter. Refills are available. Length overall 105mm



CODE	TYPE	PRICE
060-240	8mm Scratch Brush.....	£19.99
060-241	8mm Scratch Brush Refill for 060-240.....	£11.99

**STRING BOUND GLASS SCRATCH BRUSH** string bound scratch brushes suitable for cleaning larger areas. Available in 10mm and 17mm diameters.



CODE	TYPE	PRICE
060-210	String Bound Scratch Brush 10mm.....	£11.99
060-217	String Bound Scratch Brush 18mm.....	£15.99

**BRASS WIRE BRUSH** miniature brass cleaning brush with a 1" dense filled head on a 6" wooden stock. Ideal for many cleaning applications.



CODE	TYPE	PRICE
AB0180	Brass Wire Brush Medium.....	£2.79

**BRASS CLEANING BRUSH** a dense fill brass wire brush set on a 9" wooden handle. The medium brass fill is set in 4 rows, wire length 3/4". Length overall 225mm. Made in Germany.



CODE	TYPE	PRICE
AB0190	Brass Cleaning Brush.....	£8.99

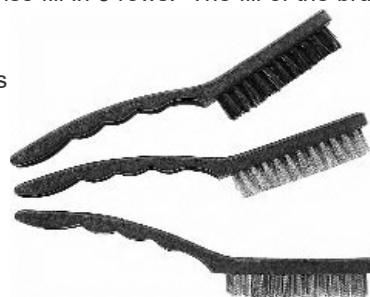
**3 PIECE MINIATURE CLEANING BRUSH SET** 3 miniature cleaning brushes which are almost the same size as a tooth brush. The shaped plastic handle holds a dense fill in 3 rows. The fill of the brushes are

- soft, brass - medium and steel - hard. Ideal for many cleaning applications in the workshop. Brush head dims 35mm x 10mm, bristle length 13mm. Length overall 170mm.



CODE	TYPE	PRICE
AB0191	3 Piece Miniature Cleaning Brush Set.....	£2.75

**CLEANING BRUSHES** 3 cleaning brushes which are ideal for use in the workshop, garage and DIY applications. The shaped plastic handle holds a dense fill in 3 rows. The fill of the brushes are black nylon - soft, brass - medium and steel - hard. Ideal for numerous cleaning applications. Brush head dims 100mm x 20mm, bristle length 18mm. Length overall 230mm. Available individually or a set of 3.



CODE	TYPE	PRICE
52402	Cleaning Brush Brass.....	£2.89
52307	Cleaning Brush Nylon.....	£2.89
52403	Cleaning Brush Steel.....	£2.89
26928	3 Piece Cleaning Brush Set.....	£7.99

**WET AND DRY SHEETS** a range of high quality self-lubricating silicon carbide sheets with waterproof latex backing. Ideal for use on metal, wet or dry. Very fine grades are ideal for rubbing down between painting. Sheet size 230 x 280mm, supplied in packs of 10 sheets.



CODE	TYPE	PRICE
160-260	Wet & Dry Sheets 10 Pack 120 Grit.....	£3.49
160-262	Wet & Dry Sheets 10 Pack 180 Grit.....	£3.49
160-264	Wet & Dry Sheets 10 Pack 240 Grit.....	£3.49
160-266	Wet & Dry Sheets 10 Pack 320 Grit.....	£3.49
160-268	Wet & Dry Sheets 10 Pack 400 Grit.....	£3.49
160-270	Wet & Dry Sheets 10 Pack 600 Grit.....	£3.49
160-272	Wet & Dry Sheets 10 Pack 120 Grit.....	£3.49



**EMERY STICKS** good quality emery paper glued to flat wooden handles, available in 10 grades. Length overall 9". Supplied individually or a pack of 6 sticks - **may be any mix of 6.**



CODE	TYPE	PRICE
060-160	Emery Stick 6/0 .....	£1.19
060-150	Emery Stick 5/0 .....	£1.19
060-140	Emery Stick 4/0 .....	£1.19
060-130	Emery Stick 3/0- 800 Grit .....	£1.19
060-120	Emery Stick 2/0 - 600 Grit.....	£1.19
060-000	Emery Stick 1/0 - 400 Grit.....	£1.19
060- 011	Emery Stick 1 - 320 Grit.....	£1.19
060-112	Emery Stick 2 - 150 Grit.....	£1.19
060-013	Emery Stick 3 - 120 Grit.....	£1.19
060-114	Emery Stick 4 .....	£1.19
ABESX6	Emery Stick x6 ( <b>ANY mix of 6</b> ).....	£6.79

**ECLIPSE MINI COPPER TUBE CUTTER** ideal for small bore tubing and for insitu applications where space is limited. Cuts copper and aluminium tube with outside diameters 3mm - 22mm (1/8" - 7/8").



CODE	TYPE	PRICE
ECTC22	Eclipse Mini Copper Tube Cutter .....	£5.69

**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.....	£8.99

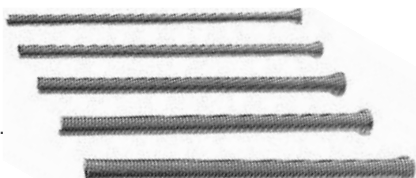
**MINIATURE TUBE CUTTER** for small bore tubing and for insitu applications where space is limited. Cuts copper and aluminium etc with outside diameters 5mm-22mm (3/16"-7/8").



CODE	TYPE	PRICE
061-010	Miniature Tube Cutter.....	£3.99

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



CODE	TYPE	PRICE
MTBS15	Mini Tube Bending Springs Set of 5.....	£5.99

**WHEN PLACING AN ORDER  
PLEASE USE THE FULL ORDER CODE  
MINIMUM ORDER VALUE £15.00**

**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.).



CODE	TYPE	PRICE
060-520	Mini Pipe Bender.....	£14.99

**BRITISH ASSOCIATION (BA) TAPS** a range of quality steel BA taps. To hold the smaller taps (10BA to 14BA) a small tool holder such as Revolving Tool Holder code PV0055 is suggested.



CODE	TYPE	PRICE
TT-6BA	6BA Taper Tap.....	£5.99
PT-6BA	6BA Plug Tap.....	£5.99
TT-8BA	8BA Taper Tap.....	£7.99
PT-8BA	8BA Plug Tap.....	£7.99
TT-10BA	10BA Taper Tap.....	£9.99
PT-10BA	10BA Plug Tap.....	£9.99
TT-12BA	12BA Taper Tap.....	£10.99
PT-12BA	12BA Plug Tap.....	£10.99
TT-14BA	14BA Taper Tap.....	£10.99
PT-14BA	14BA Plug Tap.....	£10.99

**BRITISH ASSOCIATION (BA) DIES** a range of quality dies, 6 - 12BA, O/D 13/16".



CODE	TYPE	PRICE
D-6BA	6BA Die.....	£8.99
D-8BA	8BA Die.....	£9.99
D-10BA	10BA Die.....	£9.99
D-12BA	12BA Die.....	£10.99

**METRIC TAPS** a range of metric hand taps manufactured from high carbon steel. Supplied in pairs:- 1 Taper and 1 Plug tap.



CODE	TYPE	PRICE
MHT020	Metric Taps (Taper & Plug) 2.0mm.....	£7.99
MHT025	Metric Taps (Taper & Plug) 2.5mm.....	£7.99
MHT030	Metric Taps (Taper & Plug) 3.0mm.....	£7.99
MHT035	Metric Taps (Taper & Plug) 3.5mm.....	£7.99
MHT040	Metric Taps (Taper & Plug) 4.0mm.....	£8.99
MHT050	Metric Taps (Taper & Plug) 5.0mm.....	£8.99
18079	Metric Taps (Taper & Plug) 6.0mm.....	£8.99

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



CODE	TYPE	PRICE
CDM020	Circular Die 2.0mm.....	£5.99
CDM025	Circular Die 2.5mm.....	£5.99
CDM030	Circular Die 3.0mm.....	£5.99
CDM035	Circular Die 3.5mm.....	£5.99
CDM040	Circular Die 4.0mm.....	£5.99
CDM050	Circular Die 5.0mm.....	£5.99
45135	Circular Die 6.0mm.....	£6.99

**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.



CODE	TYPE	PRICE
RTD020	Rocol RTD Compound 50g.....	£7.99

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



CODE	TYPE	PRICE
TPW010	Mini Tap Wrench.....	£4.99

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



CODE	TYPE	PRICE
TPW329	Tap Wrench Handle 2.0 - 5.5mm.....	£10.99

**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.



CODE	TYPE	PRICE
TPW713	T Type Tap Wrench 1.5 - 3.0mm.....	£8.99
TPW721	T Type Tap Wrench 3.0 - 4.0mm.....	£9.99

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



CODE	TYPE	PRICE
CDH010	Circular Die Holder 13/16".....	£6.99
14446	Circular Die Holder 1".....	£7.99

**SELF ADHESIVE MAGNETIC TAPE** has a variety of uses, cuts easily with scissors or a knife. Will adhere to paper, card, plastic and metal etc. Length overall 760mm x 12.5mm.



CODE	TYPE	PRICE
060-871	S/Adhesive Magnetic Tape 760 x 12.5mm....	£2.99

**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.



CODE	TYPE	PRICE
070-451	Mini Magnetic Bowl 4".....	£3.49

**MAGNETIC BOWLS** useful 5 1/2" plastic bowls 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. Metal or Plastic bowls.



CODE	TYPE	PRICE
35384	Magnetic Bowl Plastic 5 1/2".....	£7.99
070-454	Magnetic Bowl Metal 6".....	£5.49

**ENGINEERS OIL CAN** a force feed engineers oil can supplied with a flexi spout. Capacity 1/4 pint



CODE	TYPE	PRICE
070-104	Engineers Oil Can 3/4 Pint.....	£4.99

**PLASTIC BODY OIL CAN** a force feed engineers oil can supplied with a flexi spout. Capacity 250cc.



CODE	TYPE	PRICE
070-109	Plastic Body Oil Can 250cc.....	£3.99

**DRAPER 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.



CODE	TYPE	PRICE
480-325	Precision Professional Oiler.....	£9.99

**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 bearings and gearboxes. Safe with most plastics.



CODE	TYPE	PRICE
SANP69	Needle Point Oiler.....	£4.99

**COTTON APRON** a heavy duty carpenters apron. Made from heavy duty cotton with neck loop, extra long waist ties and large front pocket.



CODE	TYPE	PRICE
72930	Draper Cotton Apron.....	£9.50

**JEWELLERS TRIPLET LOUPE** a good quality miniature jewellers loupe with a double glass lens for clear undistorted high powered magnification. When not in use the lens folds into the metal case for safe storage. Lens diameter 21mm, magnification x10, focal length 1". Supplied with a storage box.



CODE	TYPE	PRICE
120-825	Jewellers Triplet Loupe 21mm x 10.....	£4.99

**PROFESSIONAL JEWELLERS LOUPE** a professional quality mini jewellers loupe with a double glass lens for clear undistorted high powered magnification. When not in use the lens folds into the aluminium case for safe storage. Lens diameter 16mm, magnification x10, focal length 1". Supplied with a storage case.



CODE	TYPE	PRICE
OP1490	Professional Jewellers Loupe.....	£14.99

**HAND MAGNIFIER WITH 100MM GLASS LENS** a good quality hand magnifier with a 100mm glass lens giving x2 magnification. Ideal for artists, engineers, philatelists etc.



CODE	TYPE	PRICE
120-006	Hand Magnifier with 100mm Glass Lens.....	£3.99

**FOLDING MAGNIFIER** a good quality folding magnifier with a fixed focus. The lens fits directly over a graduation scale for magnified measurement with a metric scale reading 0 - 50mm, and an imperial scale reading 0 - 2" . Plastic frame with glass lens. Lens diameter 60mm. Folds down for storage. Lens diameter 60mm, x5 magnification. Dims:- H100 x W85 x L90mm in use. H20 x W85 x L90mm folded.



CODE	TYPE	PRICE
120-103	Vellemen Folding Magnifier.....	£5.99

**FLEXI NECK MAGNIFIER WITH TABLE BASE** a quality 4½" lens mounted on an 10" flexible neck which is fitted to a heavy table base. The base has a recess for storing small items. The quality glass lens gives clear magnification of x1.75. Ideal for needlework, embroidery, craftsmen, inspection etc.



CODE	TYPE	PRICE
120-800	Flexineck Magnifier with Table Base.....	£13.99

**WATCHMAKERS EYEGLASS** with black plastic body and a quality glass lens. 5 focal lengths/magnifications.

Code	Focal length	Magnification
OP0569	3½"	x2.8
OP0568	2"	x5
OP0830	1"	x10
OP0831	¾"	x12
OP0832	½"	x14



CODE	TYPE	PRICE
OP0569	Watchmakers Eyeglass 3½" - x2.8 Mag.....	£4.50
OP0568	Watchmakers Eyeglass 2" - x5 Mag.....	£2.50
120-830	Watchmakers Eyeglass 1" - x10 Mag.....	£3.29
120-138	Watchmakers Eyeglass ¾" - x12 Mag.....	£3.29
120-832	Watchmakers Eyeglass ½" - x14 Mag.....	£3.29

**WATCHMAKERS EYEGLASS** a set of 3 eyeglasses with black plastic body and a quality glass lens. The set includes 3 focal lengths/magnifications 5x, 7x and 10x.



CODE	TYPE	PRICE
120-195	3 Piece Eyeglass Set (5x, 7x & 10x).....	£4.99

**EYEGLASS WITH LED LAMP** an eyeglass with an LED lamp, ideal for use with small electrical and miniature assembly work, modelling and crafts etc. 25mm diameter, x 6 magnification power the LED is movable for correction positioning of light onto the object.



CODE	TYPE	PRICE
120-081	Eyeglass with LED Light.....	£7.50

**SPECTACLE EYEGLASS** clips on top of the spectacle frame and may be flipped up when it is not required. The high quality glass lens gives clear magnification. This eyeglass is suitable for use with either left or right eye.

Code	Focal Length	Magnification
120-839	3½"	x2.8
120-836	3"	x3.3
120-528	2½"	x4
120-837	2"	x5
120-388	1½"	x6.7



CODE	TYPE	PRICE
120-839	Spectacle Eyeglass 3½" - x2.8 Mag.....	£5.99
120-836	Spectacle Eyeglass 3" - x3.3 Mag.....	£5.99
120-528	Spectacle Eyeglass 2½" - x4 Mag.....	£5.99
120-837	Spectacle Eyeglass 2" - x5 Mag.....	£5.99
120-388	Spectacle Eyeglass 1½" - x6.7Mag.....	£5.99

**CLIP-ON SPECTACLE EYE LOUPE** a magnifier with 2 lenses that clips onto the spectacle frame and may be flipped up when it is not required. The high quality glass lenses give clear magnification. This magnifier can be set for use with either the left or right eye and the arms that support the lenses are adjustable to gain the correct position for viewing. The lenses are 25mm diameter with 3.3x and 5x, when used together 16x magnification is achieved.



CODE	TYPE	PRICE
120-197	Clip-on Spectacle Eyeloupe with 2 Lenses..	£8.99



**MAGNIFYING VISOR WITH 4 LENSES & LED LIGHTS** a high quality visor which features four lenses of different magnification. The lenses clip into a holder and may be flipped up when not required. The visor features a directional light fitted with 2 LED's for illuminating the workpiece. The headband is adjustable and the visor may be flipped up when not required and may be worn over spectacles if required. The lenses are acrylic and have been treated so as to resist scratching. The lenses are x1.2, x1.8, x2.5 and x3.5 magnification and uses 2 x AAA cells (supplied).



CODE	TYPE	PRICE
120-390	Head Magnifier with 4 Lenses & LED Lights	£17.99

**OPTI VISOR** is a professional quality visor with precision ground and polished optical glass lenses. It is well suited to precision assembly and inspection work. The visor which may be worn over glasses has an adjustable headband and the visor may be flipped up when magnification is not required. An add on eyeglass is available giving magnification up to x6, this may be fitted for either eye. The Opti Visor is manufactured in the USA. 6 magnifications are available with the model DA5 being the most popular.



CODE	TYPE	Focal Length	PRICE
OPDA2	Opti Visor x1.5	20".....	£62.99
OPDA3	Opti Visor x1.75	14".....	£62.99
OPDA4	Opti Visor x2	10".....	£62.99
OPDA5	Opti Visor x2.5	8".....	£62.99
OPDA7	Opti Visor x2.75	6".....	£62.99
OPDA10	Opti Visor x3.5	4".....	£62.99
OPL02	No 2 Lens Plate x1.5 - 20"	.....	£36.99
OPL03	No 3 Lens Plate x1.75 - 14"	.....	£36.99
OPL04	No 4 Lens Plate x2 - 10"	.....	£36.99
OPL05	No 5 Lens Plate x2.5 - 8"	.....	£36.99
OPL07	No 7 Lens Plate x2.75 - 6"	.....	£42.99
OPL10	No 10 Lens Plate x3.5 - 4"	.....	£42.99
OPL846	Opti Loupe Extra Lens.....	.....	£15.99

**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, needlework, embroidery and inspection etc.



CODE	TYPE	PRICE
120-093	Mini Table Lamp Fluorescent Magnifier.....	£39.99
120-094	Spare Tube for 120-091/120-093 Magnifie..	£9.99

**DAYLIGHT MAG LAMP S** the MAG Lamp S is a modern and attractive slim design magnifier, ideal to see and work on projects where detail is key. It has 2 brightness levels and a 12.7cm 5" diameter, 3 diopter (1.75X) glass lens. The adjustable spring arm will allow you to position the magnifier exactly where you need it.



CODE	TYPE	PRICE
DN1200	Daylight MAG LAMP S - DN1200.....	£79.99

**NATURAL LIGHT 5" MAGNIFYING LAMP** this magnifying lamp with a slim head combines a 5" glass lens and a powerful 22W Full Spectrum Naturalight™ tube to give you clarity and efficiency. This lamp will allow to see detail and work in comfort. The lamp has a high quality metal arm and will allow you to move the lamp in any position.



CODE	TYPE	PRICE
DN1020	Natural Light 5" Magnifying Lamp DN1020..	£79.99
DN0002	22W Naturalight Tube DN0002.....	£13.79

**NATURAL LIGHT 7" MAGNIFYING LAMP** this exclusive magnifying lamp combines the large 7" lens and the powerful 28W Full Spectrum Naturalight™ tube to give you the best inspection lamp. With this lamp, you will be able to see details like never before! This unique lamp is supported by a high quality metal arm and will allow you to move the lamp in any position.



CODE	TYPE	PRICE
DN1030	Natural Light 7" Magnifying Lamp DN1030..	£99.99
DN0003	28W Naturalight Tube DN0003.....	£11.99

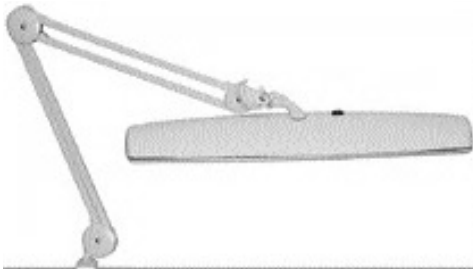
**L/C TWIN TUBE FLUORESCENT LAMP** a high quality lamp with 2 x 15W 45cm daylight fluorescent tubes providing high light output with an even light distribution and virtually no heat being emitted. The lamp head is mounted on a spring balanced arm and may be rotated in two planes to allow universal positioning. Robust metal construction and supplied with a robust table clamp. Clamp capacity 57mm. The lamp is ideal for extended periods of work and when accurate colour matching is required.



CODE	TYPE	PRICE
120-011	L/C Twin Tube Fluorescent Lamp.....	£84.99
120-111	Fluorescent Tube 45cm 15 Watt.....	£10.99

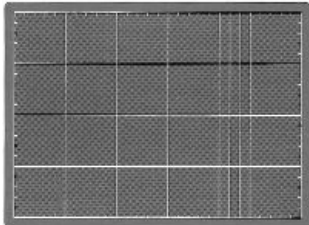
**L/C TRIPLE TUBE FLUORESCENT LAMP** a high quality lamp with 3 x 14W 45cm daylight fluorescent tubes providing high light output with an even light distribution and virtually no heat being emitted, with the flexibility of being used in either two tube or three tube mode. The lamp head is mounted on a spring balanced arm and may be rotated in two planes to allow universal positioning. Robust metal construction and supplied with a robust table clamp. Clamp capacity 57mm. The lamp is ideal for extended periods of work and for when accurate colour matching is required.

**\*Special Price While Stocks\***



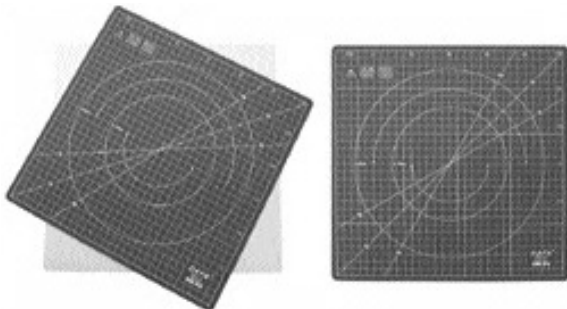
CODE	TYPE	PRICE
120-013	Triple Tube Fluorescent Bench Lamp.....	£49.99
120-111	Fluorescent Tube 45cm 15 Watt.....	£10.99

**HIGH QUALITY CUTTING MATS** non-slip laminated self healing cutting mats. The mats are Grade A, double sided with one side being printed with a metric grid to assist with positioning. The self healing properties of the mats prevent the knife blade being diverted by previous score marks. The use of a cutting mat also helps to prolong blade life making them an ideal work surface. Available in 4 practical sizes:- A4, A3, A2 & A1.



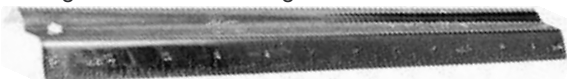
CODE	TYPE	PRICE
140-004	A4 Cutting Mat Blue (220mm x 300mm).....	£3.99
140-003	A3 Cutting Mat Blue (300mm x 450mm).....	£6.99
140-002	A2 Cutting Mat Blue (450mm x 600mm).....	£14.99
140-001	A1 Cutting Mat Blue (600mm x 900mm).....	£29.99

**ROTATING CUTTING MAT** eliminates the need to turn your project. The mat rotates 360° or it can be stabilized by simply flipping over the center piece. The base mat is designed to prevent slipping and does not rotate with the cutting mat. The surface of the mat has a metric grid and graphical lines for detailed results. Dims 30cm x 30cm.



CODE	TYPE	PRICE
140-250	Rotating Cutting Mat 30 x 30cm.....	£14.99

**MAUN SAFETY RULE** a 12" steel rule with permanently etched graduations in metric and imperial. The main feature of this tool is that the profile of it allows the user to hold it firmly whilst keep their fingers away from the knife being used. Bright plated finish. Length 12". Made in England.



CODE	TYPE	PRICE
RL1773	Maun Safety Rule 12".....	£3.49

**SNAP-OFF KNIFE** with a fully retractable 9mm blade, when the blade becomes blunt simply snap-off the end to expose a new cutting edge.



CODE	TYPE	PRICE
CK0010	9mm Snap-off Knife with Blade.....	£0.99
CKB021	9mm Snap-off Knife Blades 10 Pack.....	£1.90

**SNAP-OFF KNIFE** with a fully retractable 18mm blade, heavier duty version of the 9mm knives.



CODE	TYPE	PRICE
67676	18mm Snap-off Knife with Blade.....	£1.89
13094	18mm Snap-off Knife Blades 10 Pack.....	£1.99

**RETRACTABLE BLADE TRIMMING KNIFE** with diecast metal handle and retractable blade. Uses standard pattern blades.



CODE	TYPE	PRICE
CK0052	Trimming Knife with Retractable Blade.....	£2.99

**TRIMMING KNIFE BLADES** reversible polished steel blades with accurately ground cutting edges.



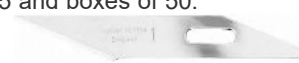
CODE	TYPE	PRICE
13499	Trimming Knife Blade 2 Notch 5 Pack.....	£1.89
19837	Trimming Knife Blade 2 Notch Box of 100...	£16.99
CKB053	Trimming Knife Blades 3 Notches Pk of 10...	£1.89

**SWANN-MORTON CRAFT TOOL** moulded in impact polystyrene, it is ideal for marquetry, modelling, craft and studio work, DIY, biology and horticulture etc. Supplied as handle only or with 2 blades; No's 1 & 2. Also uses Craft Tool Blade No. 3. Replacement blades available in packs of 5 and boxes of 50.



CODE	TYPE	PRICE
141-235	S/Morton Plastic Craft Tool NO BLADES.....	£1.30
CTS001	S/Morton Plastic Craft Tool + 2 Blades.....	£1.99

**SWANN-MORTON CRAFT TOOL BLADE No 1** a high quality carbon steel straight blade for use with Swann-Morton Craft Tool. Available in packs of 5 and boxes of 50.



CODE	TYPE	PRICE
CTB015	Craft Tool Blade No 1 Pack of 5.....	£0.99
CTB01B	Craft Tool Blade No 1 Box of 50.....	£6.99

**SWANN-MORTON CRAFT TOOL BLADE No 2** a high quality carbon steel curved blade for use with Swann-Morton Craft Tool. Available in packs of 5 and boxes of 50.



CODE	TYPE	PRICE
CTB025	Craft Tool Blade No 2 Pack of 5.....	£1.05
CTB02B	Craft Tool Blade No 2 Box of 50.....	£7.25

**SWANN-MORTON CRAFT TOOL BLADE No 3** a high quality carbon steel hooked blade for use with Swann-Morton Craft Tool. Available in packs of 5 and boxes of 50.



CODE	TYPE	PRICE
CTB035	Craft Tool Blade No 3 Pack of 5.....	£1.45
CTB03B	Craft Tool Blade No 3 Box of 50.....	£9.99

**MULTI-FUNCTION POCKET KNIFE** a multi function pocket knife tool ideal for camping, fishing and everyday applications. The knife includes:-50mm penknife blade, Cross slot screwdriver blade, Wood Saw, Scissors, Nail file and cleaner, Nail puller, Corkscrew, Can opener, Bottle opener and screwdriver, Fish scaler and hook remover, Tweezers, Toothpick. The tool folds down from an overall size of 90mm into a pocket size storage pouch.



CODE	TYPE	PRICE
67679	Draper Multi-function Pocket Knife.....	£4.99

**EXPO No 1 KNIFE HANDLE** aluminium handle with No 11 blade for delicate precision cutting of lightweight materials.



CODE	TYPE	PRICE
140-542	Expo No 1 Knife Handle + Blade.....	£2.79

**EXPO No 2 KNIFE HANDLE** aluminium handle with No 2 blade for precision cutting of medium to heavyweight materials.



CODE	TYPE	PRICE
140-541	Expo No 2 Knife Handle + Blade.....	£2.99

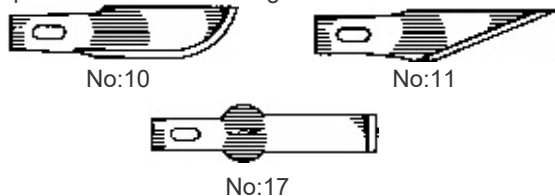
**EXPO No 5 KNIFE HANDLE** aluminium shaft with a comfortable plastic handle with No 19 blade for heavy cutting.



CODE	TYPE	PRICE
140-540	Expo No 5 Knife Handle + Blade.....	£3.50

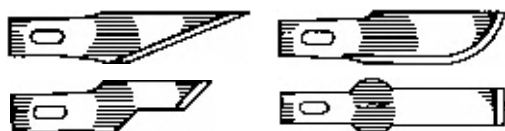
**EXPO BLADES** a range of blades manufactured from high quality carbon steel, fitting the Expo, X-ACTO and similar range of No.1 handles.

- No.10:- general cutting, light carving and slicing
- No.11:- delicate precision cutting, trimming
- No.16:- for stencilling, etching, scoring
- No.17:- precision wood chiselling with 1/4" surface



CODE	TYPE	PRICE
140-570	Expo No 10 Blade 5 Pack.....	£3.29
140-571	Expo No 11 Blade 5 Pack.....	£2.50
140-574	Expo No 17 Blade 5 Pack.....	£2.50

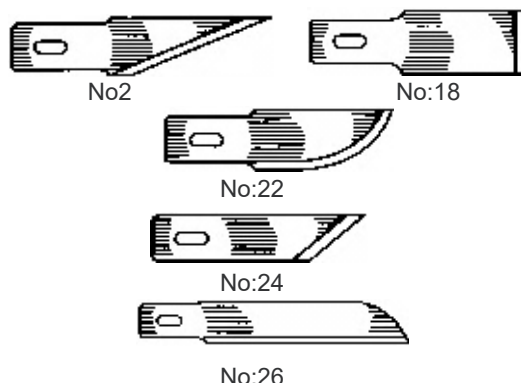
**EXPO No 1 BLADE ASSORTMENT** containing 2 x No 11 and 1 each of No's 10, 16 and 17, fits No 1 handle.



CODE	TYPE	PRICE
140-575	Expo No 1 Blade Assortment.....	£3.29

**EXPO BLADES** a comprehensive range of blades manufactured from high quality carbon steel, fitting the Expo, X-ACTO and similar ranges range of No.2 and No.5 handles.

- No.2:- for precision cutting of medium to heavy materials,
- No.18:- for deep cross and smooth chiselling of wood,
- No.22:- for long heavy-pressure cuts and general initial shaping in woodworking, whittling, carving, trimming and slicing
- No.24:- for corner cuts on templates, mats and deburring,
- No 26:- 2-5/16" cutting edge for whittling and trimming.



CODE	TYPE	PRICE
140-055	Expo No 2 Blade 5 Pack.....	£2.50
140-552	Expo No 18 Blade 5 Pack (1/2" Surface).....	£2.50
140-554	Expo No 22 Blade 5 Pack.....	£3.50
140-555	Expo No 24 Blade 5 Pack.....	£2.50
140-556	Expo No 26 Blade 5 Pack.....	£3.50

**EXPO RAZOR SAW BLADE No 234** for delicate sawing, cutting of circuit boards, modelling, shaping balsa wood, cutting of fibreglass, plastics, thin gauge tubing, metals and also model railway track. Blade length 5", height 1", cutting depth 3/4", 42 TPI.



CODE	TYPE	PRICE
140-236	Expo Razor Saw Blade 234.....	£4.29

**EXPO RAZOR SAW BLADE No 235** for delicate sawing, cutting of circuit boards, modelling, shaping balsa wood, cutting of fibreglass, plastics, thin gauge tubing, metals and also model railway track. Blade length 4 1/2", height 1", cutting depth 5/8", 42 TPI.



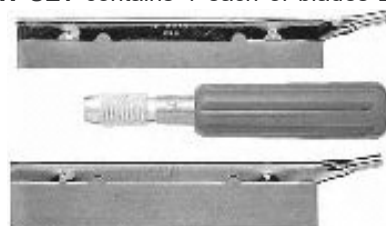
CODE	TYPE	PRICE
140-235	Expo Razor Saw Blade 235.....	£4.49

**EXPO RAZOR SAW BLADE No 239** for delicate sawing in confined spaces, cutting circuit boards, shaping balsa wood, cutting fibreglass, plastics, metals and model railway track. Blade length 5 1/2", height 1 1/4", cutting depth 7/8", 54TPI.



CODE	TYPE	PRICE
140-239	Expo Razor Saw Blade 239.....	£4.89

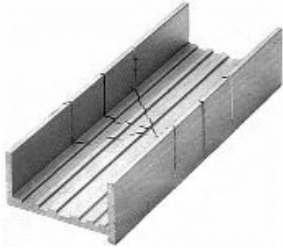
**EXPO RAZOR SAW SET** contains 1 each of blades 234 and 239 with a No 5 handle.



CODE	TYPE	PRICE
140-544	Expo Razor Saw Set.....	£9.99



**ALUMINIUM MITRE BOX** an aluminium mitre box used for the accurate cutting of 45° mitre and 90° square ends. The box has one 90° guide slot and two 45° guide slots, the base has grooves to assist with holding the material securely whilst sawing. The box also has a lip on the lower front edge for holding it securely to the work bench. Ideal for use with X-Acto razor saws and other manufacturers slitting saws.



CODE	TYPE	PRICE
AMB710	Aluminium Mitre Box.....	£7.99

**14 PIECE PRECISION KNIFE SET** consisting of 2 lightweight handles (No's 1 & 2) and 1 heavy duty handle (No 5 type) and 10 blades in a variety of sizes and shapes. This set also includes a pair of tweezers. All contained in a handy plastic case with a hinged lid and magnetic blade holder. Replacement blades:- X-Acto.



CODE	TYPE	PRICE
140-510	14 P/C Precision Knife Set.....	£12.99

**30 PIECE PRECISION KNIFE SET** containing:- 3 knife handles light, medium and heavy duty (No's 1, 2 and 5), aluminium mitre box, a razor saw blade, sanding block, scribe, miniature screwdriver & 21 assorted blades, all contained in a handy plastic storage case.

Replacement blades:- X-Acto.



CODE	TYPE	PRICE
CKS080	30 P/C Precision Knife Set.....	£29.99

**PLASTIC CUTTER WITH REPLACEABLE BLADE** a plastic cutter designed for cutting and scribing laminated plastics and acrylics. The special design of the blade prevents a raised burr being left after cutting or scribing. When not in use the blade can be removed and stored in a compartment in the handle. Supplied with 1 hooked blade and 1 straight blade. Spare hooked blades are available in packs of 5 blades.



CODE	TYPE	PRICE
140-897	Plastic Cutter with Replaceable Blade.....	£6.99
140-899	Plastic Cutter Spare Blades 5 Pack.....	£2.50

**OLFA PLASTIC CUTTER P-450** specially designed for cutting and scribing laminated plastics and acrylics. The special design of the blade prevents a raised burr being left after cutting or scribing. Supplied with 3 blades.



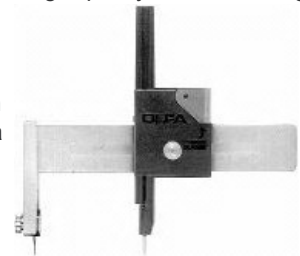
CODE	TYPE	PRICE
CKP450	Olfa Plastic Cutter P-450.....	£8.99
CKB450	P-450 Blades 5 Pack.....	£4.29

**OLFA PLASTIC CUTTER P-800** specially designed for cutting and scribing laminated plastics, acrylics and formica etc. The special design of the blade prevents a raised burr being left after cutting or scribing. Supplied with 3 blades.



CODE	TYPE	PRICE
CKP800	Olfa Plastic Cutter P-800.....	£12.99
CKB800	P-800 Blades 3 Pack.....	£4.99

**OLFA COMPASS CUTTER** a high quality tool for cutting accurate circles in paper, card, films, leathers, vinyl and rubber etc. Adjustable from 1cm to 15cm. Supplied with 6 blades and also features a blade storage compartment inside the tool.



CODE	TYPE	PRICE
CKCMP1	Olfa Compass Cutter CMP-1.....	£8.99
CKCOB1	Olfa Compass Cutter Blades 15 Pk COB-1...	£4.59

**OLFA RATCHET COMPASS CUTTER** for cutting accurate circles in:- Paper, Card, Films, Leathers, Vinyl and Rubber etc. Adjustable from 1.6cm to 22cm. The compass cutter is supplied with ten blades in a storage box and a Rubber Pad for preventing pinholes. Suitable for Left or Right hand users.



CODE	TYPE	PRICE
188-119	Olfa Ratchet Compass Cutter 1.6-22cm.....	£12.99
CKCOB1	Olfa Compass Cutter Blades 15 Pk COB-1...	£4.59

**OLFA ROTARY COMPASS CUTTER** use to cut perfect circles in fabric. The Compass Cutter is fitted with an 18mm Stainless Steel Rotary Blade. The unique ratchet handle is simple and easy to use whilst it reduces wrist fatigue. Designed for Left and Right hand use. Cuts Circles from 4cm - 22cm in diameter..



CODE	TYPE	PRICE
188-118	Rotary Compass Cutter 4cm - 22cm.....	£20.99
188-108	Olfa Rotary Blades 18mm for 188-104/118...	£5.00

**SWANN-MORTON SCALPEL HANDLES** a range of precision metal scalpel handles with a wide choice of blades make these an ideal modellers cutting tool. Handles No's 3, B3, 3G, 7, 9, 5A, 5B and 3L use blades 6 - 16. Handles No 4, 4G, 6A and 4L use blades 18 - 27 for heavy pressure cutting.

**SWANN-MORTON SCALPEL HANDLE No 3 GRADUATED** a precision scalpel handle with a graduated scale, for use with blades 6 - 16. Stainless steel. Length 120mm.



CODE	TYPE	PRICE
SMH933	S/Morton Handle No 3 Graduated S/Steel.....	£4.50

**SWANN-MORTON SCALPEL HANDLE No B3** precision scalpel handle for use with blades 6 - 16. Stainless steel. Available in standard handle length 130mm and long handle length 170mm .



CODE	TYPE	PRICE
SMHB3	S/Morton Handle No B3 S/Steel 130mm.....	£21.99
SMB3L	S/Morton Handle No B3L S/Steel 170mm.....	£29.99

**SWANN-MORTON SCALPEL HANDLE No 7** a precision scalpel handle for delicate cutting, for use with blades 6 - 16. Stainless steel. Length 160mm.



CODE	TYPE	PRICE
SMH907	Swann-Morton Handle No 7 Stainless Steel..	£7.99

**SWANN-MORTON SCALPEL HANDLE No 9** a precision scalpel handle for delicate trimming, for use with blades 6 - 16. Stainless steel. Length 115mm.



CODE	TYPE	PRICE
SMH909	Swann-Morton Handle No 9 Stainless Steel..	£4.99

**SWANN-MORTON SCALPEL HANDLE No 3L** a precision scalpel handle for long cuts, for use with blades 6 - 16. Available in stainless steel. Length 210mm.



CODE	TYPE	PRICE
SMH913	Swann-Morton Handle No 3L Stainless Steel	£8.99

**SWANN-MORTON RETRACTAWAY HANDLE** a light alloy handle which the blade can be retracted into the handle. The handle uses Swann-Morton blades No 10, 10A, 11 and 15. The blade locks in 2 positions:- half extended and fully retractable for storage. The blade can be fully extended for easy replacement.



CODE	TYPE	PRICE
SM2806	Swann-Morton Retractable Handle.....	£7.99

**PLASTIC SCALPEL HANDLE** with a stainless steel no 3 fitment and large shaped plastic handle for a good grip, for use with blades 6 - 16. Length 125mm. **\*\*Supplied without blades.\*\***



CODE	TYPE	PRICE
141-002	Plastic Scalpel Handle No 3 Fitment.....	£3.99

**SWANN-MORTON SCALPEL HANDLE No 5A** an acrylic craft handle with a nickel surgical fitting. Enlarged handle for good grip, for use with blades 6 - 16. Length 130mm.



CODE	TYPE	PRICE
SMH05A	Swann-Morton Handle No 5A.....	£9.99

**SWANN-MORTON SCALPEL HANDLE No 5B** a stainless steel handle enlarged for good grip. For use with blades 6 - 16. Length 130mm.



CODE	TYPE	PRICE
SMH905	Swann-Morton Handle No 5B.....	£29.99

**SWANN-MORTON SCALPEL HANDLE No 4 GRADUATED** a precision scalpel handle with a graduated scale, for use with blades 18 - 27. Stainless steel. Length 128mm.



CODE	TYPE	PRICE
SMH934	S/Morton Handle No 4 S/Steel Graduated.....	£4.50

**SWANN-MORTON SCALPEL HANDLE No 4L** a precision scalpel handle for long cuts, for use with blades 18 - 27. Available stainless steel. Length 210mm.



CODE	TYPE	PRICE
SMH914	Swann-Morton Handle No 4L Stainless Steel	£8.99

**SWANN-MORTON SCALPEL HANDLE No 6A** an acrylic craft handle with a nickel surgical fitting, for use with blades 18 - 27. Length 140mm.



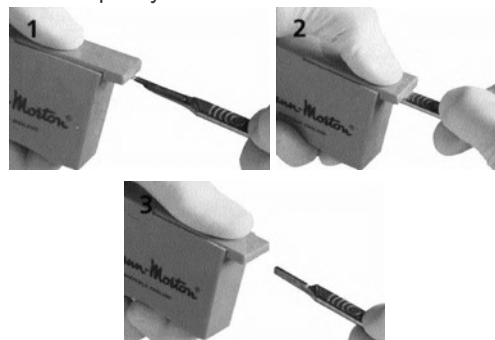
CODE	TYPE	PRICE
SMH06A	Swann-Morton Handle No 6A.....	£9.99

**SWANN-MORTON SCALPEL HANDLE No 6B** a metal nickel alloy handle enlarged for good grip. For use with blades 18 - 27. Length 140mm.



CODE	TYPE	PRICE
SMH806	Swann-Morton Handle No 6B.....	£24.99

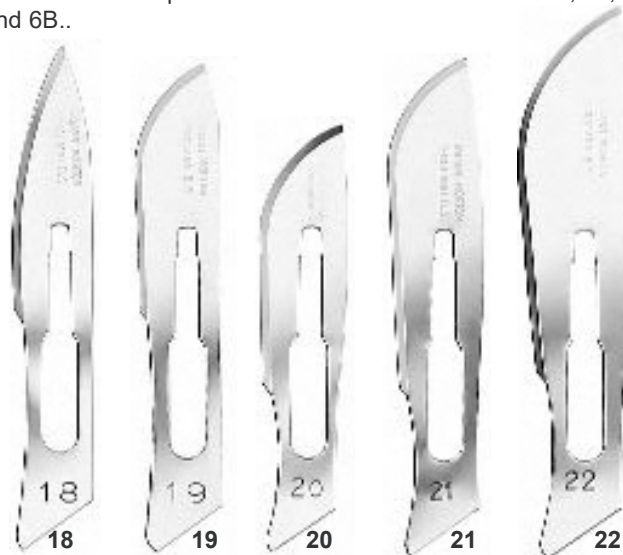
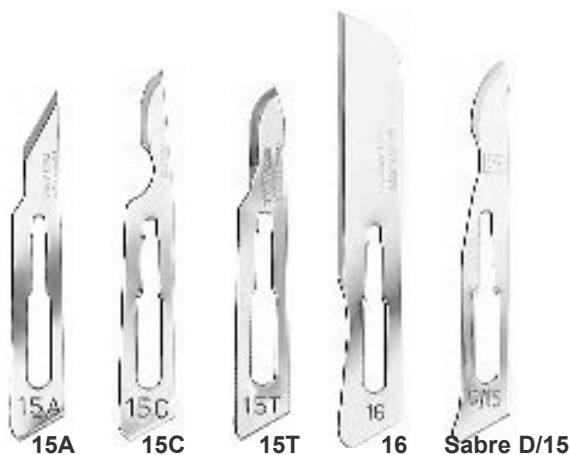
**SWANN-MORTON BLADE REMOVER UNIT** the non-sterile blade remover unit allows for safe and easy removal of all sizes of scalpel blade from both No.3 and No.4 handles. When full the whole unit is disposed of giving safe storage and disposal of used blades. Capacity 100 blades.



CODE	TYPE	PRICE
141-525	S/Morton Surgical Blade Remover Unit x 1...	£1.30
141-526	S/Morton Surgical Blade Remover Unit x10.	£11.99

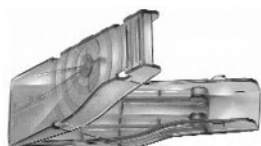
**SWANN-MORTON SURGICAL BLADES** high quality carbon steel non-sterile surgical blades ideal for a wide range of modelling and craft applications. Foil packed in 5's and in boxes of 100 (20 packs of 5 blades). NOTE you may mix ANY 20 packs to claim the BOX price. Blades 6 - 16 fit handle No's 3, B3, 3G, 7, 9, 5A, 5B and 3L.

**SWANN-MORTON SURGICAL BLADES** high quality carbon steel non-sterile surgical blades ideal for a wide range of modelling and craft applications. Foil packed in 5's and in boxes of 100 (20 packs of 5 blades). NOTE you may mix ANY 20 packs to claim the BOX price. Blades 18 - 27 fit handle No's 4, 4L, 6A, and 6B..



CODE	TYPE	PRICE
SMXX	Swann-Morton Blades (+ SHAPE) 5 Pack.....	£0.95
SMBXX	Swann-Morton Blades (+ SHAPE) 20 Packs	£14.99

**SINGLE USE BLADE REMOVER** designed to remove surgical blades from standard No 3 and No 4 fitment handles. The blade remover is closed around the blade, this allows the blade to be safely gripped whilst being removed, the blade remains in the blade remover for safe disposal. Supplied in packs of 10 and boxes of 100.

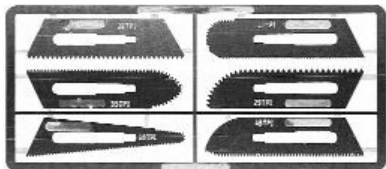


CODE	TYPE	PRICE
SM5505	Single Use Blade Remover Pack of 10.....	£1.60
SM5507	Single Use Blade Remover Box of 100.....	£14.99

CODE	TYPE	PRICE
SMXX	Swann-Morton Blades (+ SHAPE) 5 Pack.....	£0.95
SMBXX	Swann-Morton Blades (+ SHAPE) 20 Packs.	£14.99

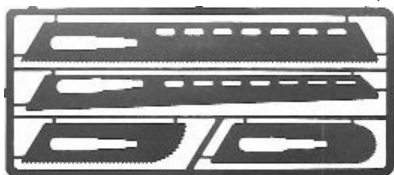


**PHOTO ETCHED STAINLESS STEEL SAW SET No 1** a set of 6 very fine photo etched stainless steel saw blades for use with no 3 fitting scalpel handles. Blade thickness 0.12mm, nominal blade length 33mm.



**CODE TYPE PRICE**  
141-009 P/Etch Saw Set No1 for No 3 Fitting Scalpel. £7.99

**PHOTO ETCHED STAINLESS STEEL SAW SET No 2** a set of 4 very fine photo etched stainless steel saw blades for use with no 3 fitting scalpel handles. Blade thickness 0.12mm, nominal blade lengths 33mm and 73mm.



**CODE TYPE PRICE**  
141-008 P/Etch Saw Set No2 for No 3 Fitting Scalpel. £7.99

**STAINLESS STEEL SCISSORS** a range of fine delicate scissors ideal paper crafts and other light materials. The blades ground to sharp points. Available with curved or straight blades. Length overall 4.5".



**CODE TYPE PRICE**  
140-520 L/C Stainless Steel Scissors Curved 4.5"..... £2.89  
140-521 L/C Stainless Steel Scissors Straight 4.5"..... £2.89

**SILHOUETTE SCISSORS** a pair of fine point scissors ideal for delicate precision cutting of lightweight materials including paper crafts and decals etc. Length 110mm.



**CODE TYPE PRICE**  
140-071 Silhouette Scissors 110mm..... £5.99

**TWEezer SCISSORS STRAIGHT** a pair of fine point scissors with straight jaws, ideal for delicate precision cutting of lightweight materials, particularly suited to paper crafts etc. To operate the handles are gently squeezed, this closes the jaw, when released the jaw opens again. Length 115mm.



**CODE TYPE PRICE**  
140-276 Tweezer Scissors Straight 115mm..... £6.99

**TWEezer SCISSORS CURVED** a pair of fine point scissors with curved jaws ideal for delicate precision cutting of lightweight materials, particularly suited to paper crafts etc. To operate the handles are gently squeezed, this closes the jaw, when released the jaw opens again. Length 110mm.



**CODE TYPE PRICE**  
140-278 Tweezer Scissors Curved 110mm..... £6.99

**MICRO SNIPS** Japanese style weavers scissors with very sharp pointed blades. Suitable for cutting thin cord, threads and card etc. Length 105mm.



**CODE TYPE PRICE**  
PL0230 Micro Snips..... £3.50

**POWER SCISSOR** a high quality scissor with stainless steel blades and plastic bows. The design of the scissor ensure efficient cutting with minimum effort. The bottom blade is serrated, this helps to prevent the material from slipping. The stainless steel blades are hardened and ground. These scissors cut paper, card, plastic, vinyl, thin brass and tin. Ideal for the office, home and workshop. Length 7".



**CODE TYPE PRICE**  
SCI500 Power Scissor 7"..... £3.50

**TAMIYA CURVED SCISSORS FOR PLASTIC** high quality scissors used when trimming the polycarbonate bodies of R/C car models. The curved blade enables easy access to body curves. Manufactured from high quality stainless steel. They will also cut plastic sheet up to 2mm. Length 145mm.



**CODE TYPE PRICE**  
74005 Tamiya Curved Scissors for Plastic..... £14.99

**TAMIYA DECAL SCISSORS** high quality stainless steel scissors specially designed for cutting out intricate decals and stickers. The plastic bows are specially shaped for comfort and accurate working.



**CODE TYPE PRICE**  
74031 Tamiya Decal Scissors..... £14.99

**HOLE PUNCH AND EYELET TOOL** an interchangeable tool that may be used as a hole punch plier and as an eyelet tool on softer materials. Supplied with 6 hole punches, a punch and die and eyelets.



**CODE TYPE PRICE**  
31096 Draper Hole Punch & Eyelet Plier..... £14.99  
CTPP15 500 Eyelets for Hole Punch & Eyelet Plier..... £4.59

**MAUN STATIONERS HOLE PUNCH 6MM** a Stationers punch designed for ticket punching.



**CODE TYPE PRICE**  
2160200 Maun Stationers Hole Punch 6mm..... £12.99

**MAUN REVOLVING PUNCH PLIER** high quality revolving punch plier is ideal for use on harder materials such as leather, plastics and textiles. The revolving head holds six punches of 2.0, 2.5, 3.0, 3.5, 4.0 and 5.0mm. Manufactured by Maun in England using high strength sheet steel and nickel plated.



CODE	TYPE	PRICE
2230200	Maun Revolving Hole Punch Plier.....	£14.99

**REVOLVING PUNCH PLIER WITH WASTE COLLECTION** an Expert Quality revolving hole punch plier with the facility of collecting the chads in the punch head. The frame is pressed steel plated and has plastic coated handles. The 6 carbon steel punches are mounted on a revolving head, punch sizes:- 2.0, 2.5, 3.0, 3.5, 4.0 and 4.8mm. Length 200mm.



CODE	TYPE	PRICE
63637	Revolving Punch Plier + Waste Collection...	£15.99

**KNIPLEX REVOLVING PUNCH PLIER** this high quality revolving punch plier is ideal for use on harder materials such as leather, plastics and textiles. The revolving head holds six replaceable punches of 2.0, 2.5, 3.0, 3.5, 4.0 and 4.5mm. Manufactured by Kniplex in Germany from high strength sheet steel.



CODE	TYPE	PRICE
CTPP20	Kniplex Hole Punch Plier.....	£24.99
25940	Spare Punch Head for Kniplex H/Punch.....	£6.99

**HOLLOW PUNCH SET** a set of six hollow punches specifically designed to cut clean holes in leather, paper, plastic and wood etc. Manufactured from a quality carbon steel hardened, tempered and enamel painted.

Sizes:-  
3/16", 1/4", 5/16",  
3/8", 7/16" and  
1/2".



CODE	TYPE	PRICE
25993	Hollow Punch Set 25993.....	£14.99

**MINIATURE C CLAMP** a high quality mini clamp with rotating shoe and sliding tommy bar. The slim pattern of the clamp allows a number of the clamps to be use close together. Clamp capacity 25 mm.



CODE	TYPE	PRICE
150-019	Miniature C Clamp 25mm/1".....	£2.99

**WORKSHOP C CLAMPS** high quality cast iron clamps with rotating shoe and sliding tommy bar. The screw and tommy bar are plated.



CODE	TYPE	PRICE
150-321	Workshop C Clamp 2" x 1.....	£2.50
150-322	Workshop C Clamp 2" Box of 6 Clamps.....	£13.50

**MINIATURE HAND CLAMP SET** a miniature 3 piece diecast clamp set which is ideal for intricate assembly work. The set comprises of 3 clamps and a magnetic base. The magnetic base has a slot which will hold any of the clamps and if used with 2 clamps a miniature vice can be formed.

Clamp capacities:-  
Small - 20mm (3/4")  
Medium - 25mm (1")  
Large - 38mm (1 1/2")



CODE	TYPE	PRICE
150-021	3 Piece Clamp Set with Magnetic Base.....	£5.49

**MINIATURE BAR CLAMP AND SPREADERS** miniature bar clamps which can also be used as a spreader. The clamp is operated by squeezing the trigger to close the jaws, a button is depressed to release the clamp. The fixed jaw can be moved to the opposite end of the bar, this converts the clamp to a spreader. Clamping capacities:

4" and 6",  
spreading  
widths:  
7 1/2" and 9 1/2".



CODE	TYPE	PRICE
150-460	Miniature Bar Clamp & Spreader 4".....	£3.25
150-115	Miniature Bar Clamp & Spreader 6".....	£3.75

**METAL SPRING CLAMPS WITH PVC GRIPS** miniature metal spring clamps, similar in size to a small clothes peg. Fitted with a strong spring, the jaws will open to about 15mm, when released they close with a strong grip. The clamp jaws and handles have a PVC coating for better grip. When used with softer materials packing should be used to protect the workpiece. Supplied in a pack of 6. Length 50mm.



CODE	TYPE	PRICE
150-341	Mini Spring Clamps 2" Metal - PVC Grip 6pk	£2.99

**MINI SPRING CLAMPS** ideal for model making and craft work, the serrated jaws give a firm grip to a wide range of different surfaces. Durable plastic with a contoured grip. Length 60mm, supplied in packs of 5 clamps.



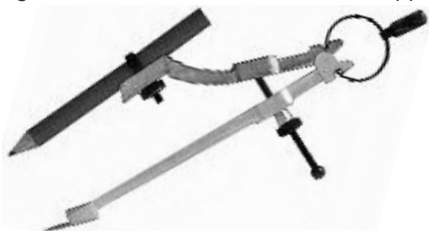
CODE	TYPE	PRICE
150-136	Mini Spring Clamps Pack of 5.....	£2.50

**CARPENTERS PENCIL COMPASS & SCRIBER** a brass plated steel carpenters compass for marking contours and circles, capacity 8" diameter. It has positive wing nut adjustment, hardened steel pin which can also be used as a scriber for marking wood and other soft materials. Supplied without pencil. Made in USA.



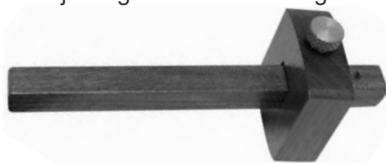
CODE	TYPE	PRICE
160-843	Carpenters Pencil Compass/Scriber 843/1....	£5.99

**CARPENTERS PENCIL COMPASS & SCRIBER** a die cast metal rust resistant carpenters compass for marking contours and circles, capacity 9" diameter. It has spring tension adjustment, hardened tool steel pin which can also be used as a scriber for marking wood and other soft materials. Supplied with pencil. Made in USA.



CODE	TYPE	PRICE
160-842	Carpenters Pencil Compass/Scriber No 842	£12.99

**MINI MARKING GAUGE** a mini marking gauge with hardwood body, knurled brass adjusting screw and single hardened adjusting spur. Length 130mm.



CODE	TYPE	PRICE
160-106	Mini Marking Gauge 130mm.....	£5.49

**BRADAWL** with soft-grip handle, brass ferrule and round steel blade with chisel point.



CODE	TYPE	PRICE
160-916	Bradawl Round Blade with Soft-Grip Handle.	£4.50

**TWIST GIMLET** with a tool steel blade firmly fixed in a shaped plastic handle. A simple but effective tool for boring starter holes, the screw point pulls the tool into the wood, the large flute clears the waste effectively.



CODE	TYPE	PRICE
29517	Twist Gimlet Blade 3.0mm.....	£3.99

**SLIDING BEVEL** a low cost miniature sliding bevel with a polished hardwood stock with brass end. The blued steel blade is 95mm. Stock length 64mm.



CODE	TYPE	PRICE
160-320	Sliding Bevel 93mm.....	£4.50

**MINI ROSEWOOD TRY SQUARE** the stock is made from polished hardwood, brass faced with three brass rivets securing the steel blade. Ideal for laying out precise 90° angles, checking internal angles, marking stock or using as a guide for mortising.



CODE	TYPE	PRICE
160-209	Mini Rosewood Try Square.....	£3.99

**L/C COMBINATION SQUARE** can be used as a 45° level, a height gauge, a marking out gauge, an outside try square, spirit level, rule etc. The metal stock has polished faces, a mini spirit level and a scriber.

The steel blade is graduated on both sides, metric on one edge and imperial on the other. Available with 6" and 12" rule.



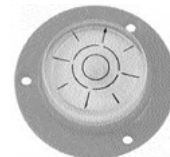
CODE	TYPE	PRICE
160-850	L/C Miniature Combination Square 6" Rule...	£4.99
160-858	L/C Combination Square 12" Rule.....	£8.99

**MINIATURE SPIRIT LEVEL 100MM** an ABS moulded level with one horizontal and one vertical acrylic vial. The mini level has an accuracy 1.75mm per 1M = 0.1° in standard position. Dimensions:- 100 x 35 x 13mm.



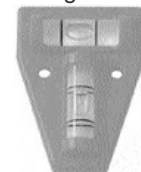
CODE	TYPE	PRICE
44444	Draper Mini Level 100mm.....	£3.99

**CIRCULAR SPIRIT LEVEL** a pocket-sized 32mm diameter level with plastic body. Ideal for determining level surfaces on workbenches and subsequent positioning of pillar drills and mitre saws.



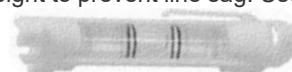
CODE	TYPE	PRICE
160-457	Circular Spirit Level.....	£2.99

**S/L TWO WAY MINI LEVEL** ideal for determining level surfaces on work benches and level positioning of pillar drills and mitre saws. Pre-drilled for easy permanent installation. Durable plastic body.



CODE	TYPE	PRICE
160-450	S/L Two Way Mini Level.....	£2.50

**S/L POCKET LINE LEVEL** a pocket size plastic line level with moulded line hooks. Lightweight to prevent line sag. Useful and easy to use.



CODE	TYPE	PRICE
160-443	S/L Pocket Line Level.....	£1.20

**DIAMOND SHARPENING PEN** puts a razor sharp edge on difficult to sharpen tools. Pocket size for convenience with an ultra long life diamond sharpening blade.



CODE	TYPE	PRICE
160-537	Diamond Sharpening Pen.....	£7.99



**MINI BLOCK PLANE** a rosewood and brass mini block plane ideal for the hobbyist or cabinetmakers. The carbon steel blade is easily removed for sharpening. Dims:- 75 x 19 x 45mm



CODE	TYPE	PRICE
160-990	Mini Block Plane.....	£9.50

**MINI BULLNOSE PLANE** a rosewood and brass mini bull nose plane ideal for the hobbyist or cabinetmakers. The carbon steel blade is easily removed for sharpening. Dims:- 75 x 13 x 40mm.



CODE	TYPE	PRICE
160-938	Mini Bullnose Plane.....	£9.50

**MINI SCRAPER PLANE** a rosewood and brass mini scraper plane ideal for the hobbyist or cabinet makers. The carbon steel blade is easily removed for sharpening. Dims:- 75 x 20 x 50mm.



CODE	TYPE	PRICE
160-452	Mini Scraper Plane.....	£9.50

**MINIATURE TRIMMING PLANE** a miniature trimming plane with a pressed steel body and adjustable blade. The blade width is 25mm, body length 90mm. Supplied with a single blade which is easily removed for sharpening.



CODE	TYPE	PRICE
160-225	Miniature Trimming Plane.....	£4.50

**DRAPER MINIATURE BLOCK PLANE** a small block plane ideal for hobby and craft work. It has a pressed steel body and steel blade with plastic adjusting knob. The blade can be removed for honing. Body length 35mm, blade width 35mm.



CODE	TYPE	PRICE
13875	Draper Mini Block Plane 13875.....	£9.99

**DRAPER BLOCK PLANE** a good quality hobby plane. It has a pressed steel body with high carbon steel iron. The blade can be removed for honing. Blade width 42mm, length overall 163mm.



CODE	TYPE	PRICE
13874	Draper Block Plane 163mm 13874.....	£14.99

**SAFETY SCRAPER** a miniature scraper that uses single edge razor blades. It can be used as a hull and deck scraper and is ideal as a miniature cabinet scraper. The blade is retractable and is locked in position during use or storage. Uses single edge safety razor blades. Supplied with 1 blade, spare blades are available. Length 4".



CODE	TYPE	PRICE
MM8290	Safety Scraper.....	£2.50

**SAFETY SCRAPER BLADES** single edge safety razor blades for use with Safety Scraper. The blades have a safety back which can be used without a holder for delicate scraping and slicing. Supplied in packs of 5.



CODE	TYPE	PRICE
140-890	Safety Blades for Retractable Scraper 10Pk.	£1.99

**NEEDLE RASP SET** a set of 6 needle rasps containing popular shapes of round, half round, flat etc. Ideal for carving and shaping woods and other soft materials. Supplied in a wallet. Length 140mm.



CODE	TYPE	PRICE
160-606	6 P/C Needle Rasp Set.....	£8.99

**MINIATURE WOOD CARVING TOOLS** a set of 12 low cost carving tools ideal for soft woods and lino etc. The set contains a selection of different shaped Carving Tools, set in 10.5cm wooden handles.



CODE	TYPE	PRICE
160-449	L/C Wood Carving Tools Set of 12.....	£7.99

**PLANK BENDING** a handy tool used when bending miniature planking as in model boat building and other applications requiring small planks to be bent over a frame. Manufactured from tough plastic and has a very sharp blade held in one jaw. After producing the small strips for the planking, the tool is then used to crimp small notches in the reverse side of the plank, these notches allow the plank to bend easily without breaking. Spare blades are available.



CODE	TYPE	PRICE
160-040	Plank Bending Tool.....	£9.99
160-041	P/Bending Tool Spare Blades 5Pk & Holder..	£3.19

**WHEN PLACING AN ORDER  
PLEASE USE THE FULL ORDER CODE  
MINIMUM ORDER VALUE £15.00**

**L/C SUPER GLUE** a high quality cyanoacrylate adhesive for general use on various materials including metal, china, earthenware, wood, cork, cardboard. Supplied in a 2g tube.



CODE	TYPE	PRICE
180-308	L/C Super Glue 2gm Tube.....	£0.35

**EVERBUILD CYANOACRYLATE INDUSTRIAL SUPER GLUE**

a high quality super glue available in 2 grades, supplied in 20g and 50g bottles. A high viscosity (HV) formula for porous and non-porous substrates which has a setting time of 10-30 seconds. The HV cyanoacrylate bonds PVCu, Plastic, MDF, Rubber and Metals. Whereas the medium viscosity (GP) is for non-porous substrates where a fast set is required of 5-15 seconds. This GP cyanoacrylate bonds Plastic, Metals, EPDM and PVCu.



CODE	TYPE	PRICE
183-020	EB Cyanoacrylate 20g GP (Red) .....	£2.99
183-120	EB Cyanoacrylate 20g HV (Blue).....	£3.99
183-050	EB Cyanoacrylate 50g GP (Red).....	£5.99
183-150	EB Cyanoacrylate 50g HV (Blue).....	£6.99
180-612	EB Cyanoacrylate De-Bonder 20ml.....	£3.99

**CYANOACRYLATE ACTIVATOR AEROSOL** an activator used with cyanoacrylates (Super Glues) to accelerate the curing time at room temperatures and to assure curing at low temperatures. Supplied in a 50ml pump spray and 200ml aerosol.

**\*\*Aerosols are subject to a despatch charge of £5.00 - This per order NOT per item\*\***



CODE	TYPE	PRICE
180-304	Cyano Activator Pump Spray 50ml *AERO*..	£6.39
180-305	Cyano Activator Aerosol 200ml *AERO*.....	£7.99

**DELUXE MATERIALS ROKET CYANOACRYLATES** Rokat superglues are made from the highest quality cyanoacrylate adhesives. The walls of the bottles are double thickness and coated with a Fluro-Carbon barrier for long shelf life and anti-clog action. Designed for use with precise micro tips.

**HOT** - Super-thin, crystal clear, penetrating adhesive. Sets 1-5 seconds.

**RAPID** - Medium viscosity, fast setting adhesive. Sets 5 - 10 seconds.

**MAX** - Thick, maximum gap-filling adhesive. Sets 10 to 20 seconds.



CODE	TYPE	PRICE
180-194	D/Materials Cyanoacrylate Rokat Hot 20g....	£6.50
180-196	D/Materials Cyanoacrylate Rokat Rapid 20g.	£6.50
180-198	D/Materials Cyanoacrylate Rokat Max 20g....	£6.50

**DELUXE MATERIALS ROKET ODOURLESS CYANOACRYLATE** a low odour, non blooming super glue which is safe for plastics and foam. Sets in 1 to 5 seconds, supplied in a 20gm bottle.



CODE	TYPE	PRICE
180-344	D/Mat Cyanoacrylate Rokat Odourless 20g...	£8.99

**DELUXE MATERIALS GLUE BUSTER** a debonder and dissolver of all superglues, releases bonded skin. Supplied in a 28gm bottle.



CODE	TYPE	PRICE
180-348	Deluxe Materials Glue Buster 28gm.....	£7.80

**DELUXE MATERIALS MICRO TIPS** a pack of six micro tips and teflon tubing for precise anti-clog application of superglues.



CODE	TYPE	PRICE
180-358	Deluxe Materials Micro Tips and Tube.....	£6.69

**DELUXE MATERIALS ROKET BLASTER** an activator spray which permits ROKET cyano to bond difficult surfaces. Use pre-condition surfaces, then apply ROKET for instant bond. Supplied in a handy 50ml bottle. A 250ml refill bottle is also available.



CODE	TYPE	PRICE
180-150	D/M Rokat Blaster Cyano Setting Agent 50g.	£7.79
180-151	D/M Rokat Blaster 250ml Refill Bottle.....	£15.30

**DEVCON 5 MINUTE EPOXY** a fast setting high strength 2 part epoxy resin adhesive suitable for the permanent bonding of most materials including:- glass, china, metal, wood, rigid plastics and leather etc. Sets in 5 minutes, items may be handled in 15 minutes and full strength is reached in 1 hour, dries clear.



CODE	TYPE	PRICE
20545	Devcon 5 Minute Epoxy 2 Tube.....	£7.99
DEV208	Devcon 5 Minute Epoxy 28g Syringe.....	£7.99
20945	Devcon 5 Minute Epoxy 250ml Bottles.....	£21.99

**DEVCON 2-TON EPOXY** a high strength 2 part epoxy resin adhesive suitable for the permanent bonding of most materials including:- glass, china, metal, wood, rigid plastics and leather etc. Sets in 30 minutes, items may be handled in 2 hours and full strength is reached in 8 hours. Dries clear.



CODE	TYPE	PRICE
35345	Devcon 2-Ton Epoxy 2 Tube 28g.....	£7.99
DEV533	Devcon 2-Ton Epoxy 256g Bottles.....	£21.99

**ARALDITE STANDARD** the original heavy duty 2 part epoxy resin adhesive. Araldite Standard remains usable for over 2 hours. Ideal for larger, more complex adhesive jobs, both internally and where weather resistance is needed. Bonds most materials including metals, wood, pottery, masonry, glass and most hard plastics. Supplied in a two tube pack.



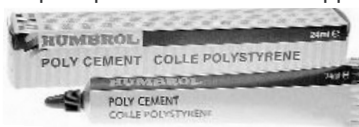
CODE	TYPE	PRICE
180-494	Araldite Standard Two Tube.....	£7.99

**RAPID ARALDITE** a strong long lasting fast setting adhesive which sets in minutes making it ideal for DIY, craft and modelling applications. It will bond a wide range of materials including ceramics, wood, glass, metal and many plastics. It will reach handling strength in about 10 minutes, full curing time will vary from 30 - 60 minutes.



CODE	TYPE	PRICE
180-495	Araldite Rapid Two Tube.....	£8.99

**HUMBROL POLY CEMENT TUBE** a polystyrene cement which is thicker than the Liquid or Precision Poly, it is suited to assembling all polystyrene except expanded or foam. Supplied in a resealable tubes of 12ml and 24ml.



CODE	TYPE	PRICE
HUM009	Humbrol Poly Cement 12ml Tube.....	£1.29
HUM010	Humbrol Poly Cement 24ml Tube.....	£2.29

**TAMIYA LIQUID CEMENT** a specially formulated thin adhesive cement for reliable jointing of all plastic parts. Comes with a handy brush attached to the lid for easy application



CODE	TYPE	PRICE
87003	Tamiya Liquid Cement 40ml.....	£2.99
87038	Tamiya Liquid Cement Extra Thin 40ml .....	£3.99
87182	Tamiya Liquid Cement ExtThin Q/Set 40ml..	£4.50

**PLASTIC WELD** used for joining plastic such as Styrene, Butyrate, ABS, Acrylic and Perspex etc. Applied with a brush Plastic Weld dissolves a thin film of each surface to be joined then evaporates very quickly forming a welded joint as strong as the plastic. Supplied in a 57ml bottle.



CODE	TYPE	PRICE
PW57ML	Plastic Weld.....	£3.50

**SLATER'S MEK-PAK** a high quality liquid polystyrene cement for use with Plastikard etc. Supplied in a large bottle and a 1/2 litre can. A brush is required for application.



CODE	TYPE	PRICE
SMP502	Slater's Mek-Pak Bottle 50ml.....	£6.19
SMP503	Slater's Mek-Pak 1/2 Lt Can.....	£27.08

**HUMBROL CLEARFIX** specially formulated for use as an adhesive on clear plastic parts and for making small windows. To produce a window in a small aperture a small drop of Clearfix is run around the window, then drawn across to produce a thin membrane, leave to dry.



CODE	TYPE	PRICE
181-707	Humbrol Clearfix 28ml.....	£5.49

**DELUXE MATERIALS PLASTIC MAGIC** a liquid solvent glue that produces invisible glue lines. Can be applied with the Deluxe Materials Pin-Flow solvent glue applicator or conventionally with a fine paint brush. Plastic Magic bonds nearly all commonly used modelling plastics including:- Polyester, Styrene, ABS, PVC, Butyrate, and Polycarbonate. **\*\*Available While Stocks Last\*\***



CODE	TYPE	PRICE
180-168	Deluxe Materials Plastic Magic 50ml AD24...	£6.40

**DELUXE MATERIALS NEW FORMULA PLASTIC MAGIC** a liquid solvent glue that produces invisible glue lines. The new safer formula can be applied with the Deluxe Materials Pin Flow solvent glue applicator (AC11) or conventionally with a fine paint brush. Plastic Magic bonds nearly all commonly used modelling plastics including polyester, acrylic, styrene, ABS, PVC, butyrate, and polycarbonate. Supplied in a 50ml bottle with applicator brush.



CODE	TYPE	PRICE
AD77	D/M Plastic Magic New Formula 50ml.....	£6.99
AC25	D/M Plastic Magic Brush Pack 3 Pack.....	£4.79

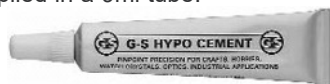


**PIN FLOW SOLVENT GLUE DISPENSER** an applicator specially designed for the precise control of liquid solvent plastic adhesives such as Plastic Magic. When even a brush can sometimes deliver too much solvent, this break through device will deliver just the right amount of adhesive to bond the most intricate parts. It can also be used to apply cyano accelerators such as Rokat Blaster. Supplied with protection case with replaceable tip.



CODE	TYPE	PRICE
180-169	Deluxe Materials Pin Flow Applicator AC11.	£12.89

**GS HYPO CEMENT** a high quality cement that dries water clear and stays clear. Its is recommended for non-porous surfaces and is ideal for all plastics, beading, ceramic, glass and much more. Apply to a clean surface, wait until tacky and then assemble, setting time is 10 minutes allowing parts to be positioned as required. Excess can be removed with alcohol. The tube has a pin point applicator. Supplied in a 9ml tube.



CODE	TYPE	PRICE
180-431	GS Hypo Cement 9ml.....	£6.99

**TITEBOND ORIGINAL WOOD GLUE** the original aliphatic resin wood glue and has been the choice of craftsmen in America for over 35 years. Titebond has a strong initial tack and develops a bond which is stronger than the wood. It is suitable for both hard and soft woods as well as most other porous materials. It resists solvents, heat and water, sands easily and is unaffected by finishes. Excess may be wiped off with water. 2 sizes available.



CODE	TYPE	PRICE
WAD063	Titebond Original Wood Glue 8oz/237ml.....	£6.99
WAD064	Titebond Original Wood Glue 16oz/474ml.....	£9.99

**TITEBOND PREMIUM WOOD GLUE** a high quality water resistant polyaliphatic wood glue which is ideal for exterior wood working projects. Titebond Premium has a strong initial tack and develops a bond which is stronger than the wood. It is suitable for both hard and soft woods. It resists solvents, heat and water, sands easily and is unaffected by finishes. Excess may be wiped off with water. Not suitable for joints that are permanently immersed in water. Dries translucent. 2 sizes available.



CODE	TYPE	PRICE
WAD511	Titebond Premium Wood Glue 8oz/237ml.....	£8.99
180-208	Titebond Premium Wood Glue 16oz/474ml.	£11.99

**LOOK OUT FOR OUR OTHER  
MINI-CATALOGUES  
POWER TOOLS, MATERIALS,  
ELECTRONICS**

**DELUXE MATERIALS SPEED BOND** a special modelling PVA that contains no fillers. It is superior to many PVA glues and has unique solvent chemistry for faster drying. Supplied in 2 sizes.



CODE	TYPE	PRICE
180-142	Deluxe Materials Speedbond 4oz.....	£6.09
180-144	Deluxe Materials Speedbond 500g.....	£12.29

**DELUXE MATERIALS R/C MODELLERS GLUE** a multi-purpose gap filling craft glue. It is thick and tacky, dries clear and remains flexible. It will bond combinations of:- Wood, Plastic, Fabric, Foil and Painted Surfaces. Ideal for model aircraft canopies, repairing tears in covering film, plastic windows. Supplied in a 4oz bottle.



CODE	TYPE	PRICE
180-148	D/Materials R/C Modeller Craft Glue 4oz.....	£6.49

**DELUXE MATERIALS ALIPHATIC RESIN 2** a professional yellow wood glue for use with hardwoods. It sands better than PVA and will take a stain. Sets at low temperature, and it is water resistant with a fast grab time. Ideal for miniature furniture and similar applications.



CODE	TYPE	PRICE
180-138	Deluxe Materials Aliphatic Resin 112g.....	£6.50
180-140	Deluxe Materials Aliphatic Resin 500g.....	£14.49

**DELUXE MATERIALS SUPER 'PHATIC!** a high penetrating yellow aliphatic glue for close fitting pre-assembled joints. It dries fast and bonds wood, foam and plastic. It is waterproof when set and produces tougher joints than superglue. Ideal for slot together models, model railway ballast, card models etc. Supplied in a 50ml bottle.



CODE	TYPE	PRICE
180-162	Deluxe Materials Super 'Phatic! 50ml.....	£6.69

**DELUXE MATERIALS ROKET CARD GLUE** an easy to use card adhesive enabling the rapid assembly of printed card models of all types including Railway Buildings, Houses and Rockets. Gives a very fast bond even on butt joints by positioning and pressing the parts together. It also has a strong wicking action ideal for pre-assembled close fitting joints. Dries clear and is non staining. Also bonds:- Plastic, Wood etc. It is easily removed with warm water when wet or dry. Size 50ml bottle.



CODE	TYPE	PRICE
180-163	DeluxeMaterials Rokat Card Glue 50ml.....	£7.49

**UHU ALL PURPOSE GEL** a clear all purpose gel specially formulated for absorbent materials and sticking to vertical surfaces. Supplied in a 20ml tube.



CODE	TYPE	PRICE
188-267	UHU All Purpose Gel 20ml.....	£2.99

**UHU ALL PURPOSE CLEAR ADHESIVE** the original clear all purpose adhesive. Use for every day use and is ideal for crafts. Sticks wood, china, fabrics, paper, leather and much more. A solvent free adhesive is also available which will stick the materials as listed and also expanded polystyrene foam.



CODE	TYPE	PRICE
188-000	UHU All Purpose 60ml.....	£3.99
188-931	UHU A/Purpose Solvent Free Adh 33ml.....	£4.50

**BOSTIK ALL PURPOSE ADHESIVE** a strong quick drying clear adhesive which is ideal for the home, workshop, school and office. Suitable for use with a wide variety of materials including paper, card, wood, glass, china, metal, paper, cloth and leather. Ideal for general hobby and craft work. Supplied in a resealable tube.



CODE	TYPE	PRICE
180-521	Bostik All Purpose Adhesive 20ml.....	£3.09
180-523	Bostik All Purpose Adhesive 50ml.....	£4.99

**BOSTIK SOLVENT FREE ALL PURPOSE** a safe and easy to use solvent free clear drying adhesive which is ideal for the home, workshop, school and office. Suitable for use with a wide variety of materials including paper, card, wood, glass, china, metal, paper, cloth and leather. Ideal for general hobby and craft work. Supplied in a resealable tube.



CODE	TYPE	PRICE
80512	Bostik Solvent Free All Purp Adhesive 20ml..	£2.50
80518	Bostik Solvent Free All Purp Adhesive 50m..l	£4.99

**EVO-STIK IMPACT ADHESIVE** impact adhesives provide a strong bond on contact without the need of special jigs, clamps or weights. Will stick most materials including cork, leather, rubber, rigid PVC, wood, chipboard, hardboard, stone, dense fabrics, metal and laminates.



CODE	TYPE	PRICE
ECA090	Evo-Stik Impact Adhesive 32g Tube.....	£3.99
180-503	Evo-Stik Impact Adhesive 65g Tube.....	£7.25
ECA100	Evo-Stik Impact Adhesive 250ml Tin.....	£8.69

**LOOK OUT FOR OUR OTHER  
MINI-CATALOGUES  
POWER TOOLS, MATERIALS, ELECTRONICS**

**MPEX HI-TACK ORIGINAL GOLD GLUE** the original all purpose very sticky glue, which dries clear and flexible. Hi-Tack original glue can also be heat fixed with an iron if the glue is between two piece of fabric. Suitable for all fabrics, silks, paper, wood, trimmings, art work and crafts. Hi-Tack original glue will also stick variable surfaces such as china, metal, polystyrene, wood and glass.



CODE	TYPE	PRICE
209-140	Impex Hi-Tack Original Gold Glue 115ml.....	£3.49
209-141	Impex Hi-Tack Original Gold Glue 250ml.....	£4.99

**IMPEX HI-TACK SILVER GLUE** a thinned down version of original gold Hi-Tack glue, still very sticky and dries clear and flexible. Suitable for finer fabrics, cardboard, paper, photographs, art work and crafts.



CODE	TYPE	PRICE
209-142	Impex Hi-Tack Original Silver Glue 115ml.....	£3.29

**IMPEX HI-TACK FAST-TACK GLUE** a very sticky fast dry glue which dries clear and flexible. Hi-Tack Fast-Tack glue can also be heat fixed with an iron if the glue is between two piece of fabric. Suitable for fabric, paper, wood, trimmings, art work and crafts.



CODE	TYPE	PRICE
HT1788	Impex Hi-Tack Fast-Tack Glue 115ml.....	£3.29
209-144	Impex Hi-Tack Fast-Tack Glue 250ml.....	£4.99

**TACKY WAX** a wax adhesive used for the temporary holding of parts that will need to be moved at a later date. Examples:- place settings on a table in a dolls house, figures on a station platform etc.



CODE	TYPE	PRICE
180-180	Deluxe Materials Tacky Wax 28g.....	£5.49

**DELUXE MATERIALS PIN POINT** 2 syringes and 3 sizes of stainless steel tips. Used to create bubbles in Scenic Water and accurate application of PVA emulsion type glues. Can also be used for dispensing oils, greases, fluxes etc.



CODE	TYPE	PRICE
180-356	Deluxe Materials Pin Point Syringe Kit.....	£6.99

**PIN POINT BOTTLE KIT** a small dispensing bottle for precise application of water based glues for railway ballasting and many other tasks where fine finger controlled gluing action is needed. It is supplied with 1 plastic and 2 metal tips that are easily cleaned after use with water.



CODE	TYPE	PRICE
180-442	Deluxe Materials Pin Point Bottle Kit.....	£6.69

**DELUXE MATERIALS VIEW GLUE** special adhesive developed for bonding Model Railway and diorama Landscape back scene papers in place. This unique adhesive allows papers to be slithered into position and finely adjusted before drying without creases or wrinkles. Unlike other glues View Glue can be used on:- Wood, Painted Surfaces, Plasterboard and even Plastic Surfaces. 225ml pack will covers 20 sqm.



CODE	TYPE	PRICE
180-064	Deluxe Materials View Glue 225ml.....	£9.99

**DELUXE MATERIALS GLUE N GLAZE** a liquid plastic film-forming polymer which bonds most plastics and dries to clear film. It is ideal for bonding crystal clear windows and canopies, ideal for 00 gauge windows up to 6mm across. It will not craze plastics. Bonds:- Wood, Plastic, Metal and Painted Surfaces. Cleans with water before setting. Supplied in a 50ml bottle.



CODE	TYPE	PRICE
180-354	Deluxe Materials Glue N Glaze 50ml.....	£7.79

**DELUXE MATERIALS SCATTER GRIP** a special slow drying tacky adhesive for firmly bonding scatter materials in railway layouts, gardens, dolls house scenery and many other applications. Supplied in a 150ml bottle.



CODE	TYPE	PRICE
180-174	Deluxe Materials Scatter-Grip 150ml.....	£8.39

**DELUXE MATERIALS PERFECT PLASTIC PUTTY** a one-part, fast-drying, superfine filler with good adhesion and sanding properties on plastic. Easily used, even in awkward areas with water clean up. Apply with small spatula, smooth and allow to dry.



CODE	TYPE	PRICE
180-044	Deluxe Materials Perfect Plastic Putty 40ml..	£7.49

**HUMBROL MODEL FILLER** a one part filler which can be sanded, filed and painted once dry. Fills hairline cracks and gaps between plastic parts. Can be sanded when fully dry using a fine grade of sandpaper and then painted. Apply directly onto substrate without excessive application of product. If gaps are deep two thin coats are preferable to one thick coat. Surface dry in 1-2 hours. Fully dry in 24 hours. Drying times will vary according to ambient temperature and humidity. Excess filler should be wiped away with a damp cloth, is permanent when dry. Suited for use with polystyrene, metal etc. Supplied in a tube with a screw top.



CODE	TYPE	PRICE
HUM160	Humbrol Model Filler 31ml.....	£7.99

**SQUADRON GREEN PUTTY** a perfect filler for planes, cars, trains and boats. Just apply, leave to dry for 30 minutes, then file or sand to shape. Fast drying, does not shrink with age.



CODE	TYPE	PRICE
181-050	Squadron Green Putty 65g.....	£5.99

**SQUADRON WHITE PUTTY** a perfect filler for planes, cars, trains and boats. Just apply, leave to dry for 30 minutes, then file or sand to shape. Fast drying, does not shrink with age.



CODE	TYPE	PRICE
181-060	Squadron White Putty 65g.....	£5.99

Milliput Putty is a versatile 2 part Epoxy Putty with 1,000's of uses. The 2 parts have a long shelf life prior to mixing. Once mixed the Putty is soft, highly adhesive and may be modelled like Clay, then gradually hardens. The speed of hardening is dependant on temperature, once fully cured Milliput can be:- Machined, Drilled, Tapped, Turned, Filed, Sawn, Sanded, and Painted. Milliput will set under water and is heat resistant up to 130°C.

**MILLIPUT STANDARD** Yellow-Grey ideal for:- use in all types of Modelling, in the Home and Industry.

**MILLIPUT FINE** Silver Grey ideal for:- the Restoration of Porcelain and other Ceramics, also for Sculpting and Modelling.

**MILLIPUT SUPERFINE** White ideal for:- Restoration of Porcelain and other Ceramics, also for Sculpting and Modelling.

**MILLIPUT TERRACOTTA** ideal for:- more General Repairs, Restoration of Garden Urns, Pots, for Modelling and Sculpting.

**MILLIPUT BLACK** a versatile putty ideal for the restoration of porcelain and other ceramics, slate, marble, ebonised wood, cast iron, guttering and antique clocks. Also for Sculpting and Modelling.



CODE	TYPE	PRICE
MIL010	Miliput Standard 4oz.....	£2.75
MIL011	Miliput Fine 4oz.....	£4.90
MIL012	Miliput Superfine 4oz.....	£4.99
MIL013	Miliput Terracotta 4oz.....	£3.90
MIL014	Miliput Black 4oz.....	£4.79



**ANTEX M IRON 12W** miniature 230V ac soldering iron which has a heating element contained in a stainless steel shaft, such that the heat is transferred to the bit with maximum efficiency. The bit (No 10 fitted) is easily removed for replacement. Ideal for work where not too much heat is required. Fitted with 1.8M of mains cable and BS plug. Available with either a PVC cable or with burn proof silicone rubber cable which also remains pliable at low temperatures.

**SPECIFICATION**

Power consumption..12W  
 Max bit temp.....370°C  
 Length.....147mm  
 Weight.....21g



CODE	TYPE	PRICE
185-112	Antex M Iron 230V BS Plug/PVC Cable.....	£29.99
185-174	Antex M Iron 230V BS Plug/Silicone Cable..	£34.99
AME230	Antex M Element 230V.....	£15.50

**ANTEX C IRON 15W** miniature 230V ac soldering iron which has a heating element contained in a stainless steel shaft, such that the heat is transferred to the bit with maximum efficiency. The bit (No 820 fitted) is easily removed for replacement. Ideal for light duty and PCB work where not too much heat is required. 1.8M mains cable with BS plug. Available with either a PVC cable or with burn proof silicone rubber cable which also remains pliable at low temperatures.

**SPECIFICATION**

Power consumption..15W  
 Max bit temp.....370°C  
 Length.....147mm  
 Weight.....21g



CODE	TYPE	PRICE
185-230	Antex C Iron 230V BS Plug/PVC Cable.....	£29.99
185-274	Antex C Iron 230V BS Plug/Silicone Cable..	£34.99
ACE230	Antex C Element 230V.....	£15.50

**ANTEX CS 18W** precision soldering iron featuring a double shaft. An inner shaft of ceramic provides a very low leakage current of <2µA, and has an outer stainless steel sleeve for strength. It is intended for precision work such as with miniature components. The iron is supplied with bit No 1100 fitted, 1.8M of mains cable with BS plug. Available with either a PVC cable or with burn proof silicone rubber cable which also remains pliable at low temperatures.

**SPECIFICATION**

Power consumption..18W  
 Max bit temp.....390°C  
 Length.....182mm  
 Weight.....26g



CODE	TYPE	PRICE
185-018	Antex CS Iron 230V BS Plug/PVC Cable.....	£29.99
185-484	Antex CS Iron 230V BS Plug/Silicone Cable	£34.99
CSE230	Antex CS Element 230V.....	£15.50

**ANTEX XS 25W** precision soldering iron featuring a double shaft. An inner shaft of ceramic provides a very low leakage current of <2µA, and has an outer stainless steel sleeve for strength. It is suitable for larger work and is supplied with bit No 51 fitted and 1.8M of mains cable with BS plug. Available with either a PVC cable or with burn proof silicone rubber cable which also remains pliable at low temperatures.

**SPECIFICATION**

Power consumption..25W  
 Max bit temp.....420°C  
 Length.....200mm  
 Weight.....42gm



CODE	TYPE	PRICE
185-025	Antex XS Iron 230V BS Plug/PVC Cable.....	£29.99
185-584	Antex XS Iron 230V BS Plug/Silicone Cable	£34.99
XSE230	Antex XS Element 230V.....	£15.99

**ANTEX DIGITAL TCS 50W** temperature controlled soldering iron with the temperature controller built into the handle of the iron. A thermocouple near the tip of the heating element provide feedback for temperature control within the range of 200°C - 450°C, with an accuracy of ±1%. The temperature may be selected by using the push controls on the handle. The iron is supplied with bit No 1100 fitted and 1.2M of silicone mains cable and BS plug fitted. 230Vac operation.

**SPECIFICATION**

Power consumption..50W  
 Warm up time .....60 sec  
 to 450°C  
 Temperature range...200-450°C  
 Control accuracy.....±1%  
 Length.....222mm  
 Weight.....50g



CODE	TYPE	PRICE
185-488	Antex Digital TCS 230V BS Plg/Sil Cable....	£89.99
TCS230E	Antex TCS Element 230V.....	£42.60

**ANTEX BITS** are iron and chrome plated for long life. A new bit must be tinned with resin cored solder as it is heated up, and should only be cleaned by wiping with a damp sponge when hot and **NEVER** be filed. **Order by CODE/+ BIT REF No.**

BIT REF.	TIPØMM	FOR IRON TYPE	
10		C M CSTC TC25	
102			
103			
104			
106			
202			
302			
820			AS ABOVE PLUS G
821			
822			
1100		CS TCS TC50 SD50 XSTC A245 A545 A718	
1101			
1102			
1103			
1105			
1106			
1108			
1109			
50			XS
51			
52			
53			
54			
55			
56			

CODE	TYPE	PRICE
A1/XX	Antex Iron Bit (+ BIT REF No).....	£6.99

**IMPORTANT**

**NEVER GRIP THE ELEMENT SHAFT WITH ANY TOOL WHILE CHANGING THE IRON BIT IT WILL BREAK THE ELEMENT**

**TO PREVENT A SOLDERING IRON BIT BECOMING STUCK ON TO THE IRON CAREFULLY REMOVE THE BIT AND CLEAN AWAY ANY DEBRIS AT REGULAR INTERVALS**

**ST4 SOLDERING IRON STAND** a high quality low cost soldering iron stand suitable for Antex irons and similar irons. The base can be fixed to the bench, the sponge should be kept damp.



CODE	TYPE	PRICE
185-402	Antex ST4 Soldering Iron Stand.....	£8.49
185-440	Antex Spare Sponge for ST4/ST5.....	£1.50

**ST6A SOLDERING IRON STAND** an industrial quality stand which fits the Antex M, C, CS, XS, TCS, TC & SD soldering irons. It is ideal for use with irons fitted with a fume extraction tube. Manufactured from high grade materials suitable for soldering iron tip temperatures. Innovative design keeps soldering iron handle temperature to a minimum. Slip-resistant feet and ballast weight for stability, and a tip cleaning sponge.



CODE	TYPE	PRICE
185-006	Antex ST6A Soldering Iron Stand.....	£16.99
185-008	Antex Spare Sponge for ST6A.....	£2.00

**ST4 SOLDERING IRON STAND** a high quality low cost soldering iron stand suitable for soldering irons up to 40watts. The base is pressed steel and features a brass wool tip cleaner.



CODE	TYPE	PRICE
185-933	Soldering Iron Stand & Brass Wool Cleaner..	£9.99

**ANTEX ENERGY REGULATOR** used to adjust the tip temperature of 230V mains powered irons up to 200 watts from 100 - 450°C. Ideal for soldering components sensitive to heat, wax painting, plastic etching etc. The regulator, in a convenient plug-in housing, is connected to the soldering iron in place of the normal 13 amp plug. The scale shows 0 - 100% and may be used with other manufacturers irons up to 200W.

**SPECIFICATION**  
 Input voltage.....240V ac  
 Output voltage.....On/Off 240V 'On' time proportional to setting  
 Maximum power.....200W  
 Fuse.....500mA A/S  
 Control range.....100-400°C (according to iron)



CODE	TYPE	PRICE
AER25W	Antex Energy Regulator.....	£49.99

**3 CORE SILICON RUBBER CABLE** heat resistant silicone rubber cable for replacing PVC cables of soldering irons, a further feature is that the cable also remains flexible at low temperatures. Price is per meter, maximum length in one piece is 20M.



CODE	TYPE	PRICE
520-593	3 Core Silicon Rubber Cable per metre.....	£4.25

**ANTEX HP15 SOLDERING IRON** a 230Vac soldering iron with a thermo-plastic handle designed for cool handling and a safe grip. Fitted with a double plated bit for longlife and is supplied with a small bench rest. It is suitable for electrical and small general work.

**SPECIFICATION**  
 Power consumption.15W  
 Max bit temp.....370°C  
 Length.....230mm



CODE	TYPE	PRICE
186-005	Antex HP15 Soldering Iron 15W.....	£14.99

**ANTEX HP15 SOLDERING IRON** a 230Vac soldering iron with a thermo-plastic handle designed for cool handling and a safe grip. Fitted with a double plated bit for longlife and is supplied with a small bench rest. It is suitable for electrical and general work.

**SPECIFICATION**  
 Power consumption..30W  
 Max bit temp.....370°C  
 Length.....230mm



CODE	TYPE	PRICE
186-030	Antex HP30 Soldering Iron 30W.....	£15.99
186-300	Spare Bit for Antex HP30 S/I Straight 3mm.	£5.50
186-301	Spare Bit for Antex HP30 S/I Angled 3mm....	£5.90

**ANTEX HP40 SOLDERING IRON** a 230Vac soldering iron with a thermo-plastic handle designed for cool handling and a safe grip. Fitted with a double plated bit for longlife and is supplied with a small bench rest. It is suitable for electrical and general work.

**SPECIFICATION**  
 Power consumption..40W  
 Max bit temp.....375°C  
 Length.....230mm



CODE	TYPE	PRICE
186-040	Antex HP40 Soldering Iron 40W.....	£17.99
186-400	Spare Bit for Antex HP40 S/I Straight 3mm.	£5.60
186-401	Spare Bit for Antex HP40 S/I Angled 3mm....	£5.90

**ANTEX HP80 SOLDERING IRON** a robust 230Vac soldering iron with a thermo-plastic handle designed for cool handling and a safe grip. Fitted with a double plated bit for longlife and is supplied with a small bench rest. It is suitable for larger and general work.

**SPECIFICATION**  
 Power consumption.80W  
 Max bit temp.....380°C  
 Length.....275mm



CODE	TYPE	PRICE
186-080	Antex HP80 Soldering Iron 80W.....	£18.99
186-500	Spare Bit - Antex HP80 S/I Straight 4.8mm...	£5.50
186-501	Spare Bit - Antex HP80 S/I Angled 4.8mm....	£5.90

**ANTEX HP100 SOLDERING IRON** a robust 230V ac soldering iron with a thermo-plastic handle designed for cool handling and a safe grip. Fitted with a double plated bit for longlife and is supplied with a small bench rest. It is ideal for large workpieces.

**SPECIFICATION**  
 Power consumption.100W  
 Max bit temp.....385°C  
 Length.....290mm



CODE	TYPE	PRICE
186-100	Antex HP100 Soldering Iron 100W.....	£19.99
186-600	Spare Bit - Antex HP100 S/I Straight 7.2mm.	£5.50
186-601	Spare Bit - Antex HP100 S/I Angled 7.2mm..	£5.90

**WELLER SP15NUK 15 WATT SOLDERING IRON** a miniature 230Vac soldering iron with a thermo-plastic handle specially designed for cool handling and a flange for a safe grip and features LEDs for workpiece illumination. The iron is supplied with a nickel plated 2mm flat screwdriver type bit. Further bits are available. Ideal for electronics and light duty work. Fitted with 2.0mm S5 nickel plated bit.

**SPECIFICATION**  
 Power consumption.15W  
 Max bit temp.....440°C  
 Length.....195mm



CODE	TYPE	PRICE
186-016	Weller SP15NUK Soldering Iron 15W.....	£27.99

**WELLER SP25NUK 25 WATT SOLDERING IRON** a miniature 230Vac soldering iron with a thermo-plastic handle specially designed for cool handling and a flange for a safe grip and features LEDs for workpiece illumination. The iron is supplied with a nickel plated 0.8mm pointed bit. Further bits are available including a Hot Knife blade held with a chuck, allowing the iron to be used as a Hot Knife. Ideal for electronics, light duty and craft work. Fitted with 0.8mm MT1 nickel plated bit.

**SPECIFICATION**  
 Power consumption.25W  
 Max bit temp.....470°C  
 Length.....205mm



CODE	TYPE	PRICE
186-026	Weller SP25NUK Soldering Iron 25W.....	£33.50

**WELLER SP40NUK 40 WATT SOLDERING IRON** a medium duty 230Vac soldering iron with a thermo-plastic handle specially designed for cool handling and a flange for a safe grip and features LEDs for workpiece illumination. The iron is supplied with a nickel plated 6.3mm flat screwdriver type bit. Further bits are available. Ideal for electronics and light duty work. Fitted with 6.3mm MT10 nickel plated bit.

**SPECIFICATION**  
 Power consumption.40W  
 Max bit temp.....565°C  
 Length.....210mm



CODE	TYPE	PRICE
186-042	Weller SP40NUK Soldering Iron 40W.....	£37.99

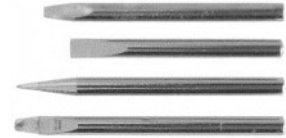
**WELLER SP80NUK 80 WATT SOLDERING IRON** a robust 230Vac soldering iron with a thermo-plastic handle specially designed for cool handling and a flange for a safe grip and features LEDs for workpiece illumination. The iron supplied with a longlife double plated 9.5mm flat screwdriver type bit. Further bits are available. It is suitable for larger and general work. Fitted with 9.5mm MTG20 longlife bit.

**SPECIFICATION**  
 Power consumption.80W  
 Max bit temp.....540°C  
 Length.....240mm



CODE	TYPE	PRICE
186-083	Weller SP80NUK Soldering Iron 80W.....	£45.70

**SOLDER TIPS FOR WELLER 15 WATT IRONS** a range of tips suitable for use with the WSI-15, SP15L and SP15NUK irons. Images listed from top.



CODE	TYPE	PRICE
186-700	Weller Tip 2.0mm Straight Nickel Plated S5..	£2.99
186-705	Weller Tip 3.5mm Straight Nickel Plated S3..	£4.99
186-710	Weller Tip 0.4mm Pointed Longlife S31.....	£15.99
186-715	Weller Tip 2.0mm Straight Longlife S32.....	£13.99

**SOLDER TIPS FOR WELLER 25 WATT IRONS** a range of tips suitable for use with new Weller SP25L and SP25NUK iron. Images listed from the top.



CODE	TYPE	PRICE
186-720	Weller Tip 0.8mm Pointed N/Plated MT1.....	£2.50
186-725	Weller Tip 4.0mm Straight N/Plated MT2.....	£2.50
186-730	Weller Tip 4.8mm Smoothing MT6 N/Plated..	£2.99
186-735	Weller Hot Knife, Blade & Chuck HK11.....	£4.99

**SOLDER TIPS FOR WELLER 25 WATT WSI IRONS** a range of tips suitable for use with the Weller WSI-25 iron. Images listed from top.



CODE	TYPE	PRICE
WT-MT5	Tip MT5 for 25W Iron (S1 - 4.5mm Straight)..	£5.99
WT3199	Tip S2 for 25W Iron (S2 - 4.5mm Bent).....	£3.99

**SOLDER TIPS FOR WELLER 40 WATT IRONS** a range of tips suitable for use with the Weller SI-40, SP40L and SP40NUK iron. Images listed from the top.



CODE	TYPE	PRICE
186-740	Weller Tip 6.3mm Straight N/Plated MT10....	£3.99
186-745	Weller Tip 6.3mm Bent Nickel Plated S4.....	£6.49
186-750	Weller Tip 5.0mm Straight Longlife S36.....	£12.99
186-755	Weller Tip 5.0mm Bent Longlife S37.....	£16.99

**TIPS FOR WELLER 75 WATT & 80 WATT IRONS** a range of tips suitable for use with the Weller WSI-75, SP80L and SP80NUK irons. Images listed from top.



CODE	TYPE	PRICE
186-760	Weller Tip 9.5mm Straight Longlife MTG20..	£12.99
WT-MT21	Weller Tip 9.5mm Bent Nickel Plated MT21..	£13.99
WT-MT20	Weller Tip 9.5mm Straight Nickel Plated.....	£7.99
186-770	Weller Tip 7.0mm Straight Longlife S38.....	£16.99
186-775	Weller Tip 7.0mm Bent Longlife S39.....	£16.99

**TO PREVENT A SOLDERING IRON BIT BECOMING STUCK ON TO THE IRON CAREFULLY REMOVE THE BIT AND CLEAN AWAY ANY DEBRIS AT REGULAR INTERVALS**



**BUTANE PENCIL TORCH** a miniature butane pencil torch with electronic ignition and heat adjustment. Ideal for jewelry and model making. Comes with 4 soldering iron tips.



CODE	TYPE	PRICE
185-738	Pen Type Gas Soldering Iron .....	£14.99

**BUTANE GAS MICRO TORCH** a compact gas torch powered by butane lighter fuel. The torch is ideal for small applications including brazing, soldering, silver soldering, jewellery and hobby work. The torch features a push button piezo ignition system. The flame is adjustable for both length and temperature. Flame length 12mm to 35mm with a maximum temperature of 1300°C. Refilling is from standard butane lighter fuel. Supplied with a removable stand and comprehensive instructions. Dims 155 x 35mm diameter. Supplied empty. Various accessory tips are also available.



CODE	TYPE	PRICE
185-790	Butane Gas Micro Torch.....	£34.99

**HEATSHUNT TWEEZER** a pair of light aluminium alloy tweezers which when clipped to an LED for example will prevent heat from damaging the device. Ideal for when soldering small parts on models.



CODE	TYPE	PRICE
186-010	Heatshunt Tweezer.....	£4.99

**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 removing excess solder and may also be used for deburring metal and plastics. Length 110mm.



CODE	TYPE	PRICE
185-005	3 Sided Scraper.....	£10.99

**SOLDERING IRON STAND** a high quality soldering iron stand with a pressed steel base with spring holder and a sponge in a water tray for tip cleaning. It is suitable for most manufacturers irons up to 40W.



CODE	TYPE	PRICE
ST61H	Soldering Iron Stand.....	£4.99

**SOLDERING MAT** used to protect working areas from flame damage and scorching during soldering operations when using a gas soldering torch. For extra protection the mat can be folded double. Guaranteed asbestos free. Dims 245 x 245mm.



CODE	TYPE	PRICE
30309	Soldering & Plumbing Mat.....	£8.49

**DESOLDERING PUMP** a powerful desoldering tool which quickly removes molten solder from joints. The spring loaded piston is closed while the solder is being melted, then released by a simple push button mechanism, this draws the molten solder away from the joint into the body of the tool. The nozzle is easily removed for cleaning or replacement.



CODE	TYPE	PRICE
185-988	Desoldering Pump.....	£4.50
185-055	Desoldering Pump Antistatic Nozzle.....	£1.45

**HIGH SUCTION DESOLDERING PUMP** a high quality desoldering pump manufactured to close tolerance, and is fitted with a heavy duty return spring to ensure a strong suction when it is operated. The nozzle is easily removed for cleaning or replacement.



CODE	TYPE	PRICE
185-990	High Suction Desoldering Pump.....	£6.50
185-055	Desoldering Pump Antistatic Nozzle.....	£1.45

**DESOLDER WICK** a flux-impregnated copper wick which speedily removes unwanted solder from a joint. To use simply place the wick onto the joint to be separated and melt the solder with the iron, when molten remove the wick and iron together and the joint will be left dry, then snip off the used end. Width 1.2mm, length 1.5M.



CODE	TYPE	PRICE
DSW060	Desoldering Wick.....	£2.50

**SOLDERING IRON BIT CLEANER** an effective method of cleaning and re-tinning de-wetted soldering iron bits. A single wipe across the block cleans, wets and tins the bit. Supplied in a 15g tin with a self adhesive pad so that it may be affixed to any convenient surface.



CODE	TYPE	PRICE
SIBC30	Soldering Iron Bit Tinner/Cleaner.....	£8.99

**TIP CLEANER** a dry soldering iron tip cleaner employing low abrasive brass wool which offers superior cleaning of stubborn deposits and oxidation. Unlike cleaning sponges there is no need to keep wet and therefore no temperature drop on the tip. The weighted heavy duty holder has a non slip rubber base for maximum stability. Also available with a wire form soldering iron rest. Replacement brass wool refills are available separately. Base diameter of holder 90mm.



CODE	TYPE	PRICE
185-880	Brass Wool Tip Cleaner Stand.....	£9.99
180-101	Brass Wool Tip Cleaner Stand & Iron Rest...	£9.99
185-882	Brass Wool Tip Cleaner Refill.....	£3.99

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**LOW TEMPERATURE SOLDER 70°C** a Tin/Lead/Bismuth (TLB) solder for the assembly of whitemetal castings. The solder melts at 70°C but when fully fused with whitemetal it remelts at a higher temperature. This solder does not have penetration qualities, you should 'tin' one or both faces of the joint before finally soldering the parts together. A flux is required, powerflow or similar. Supplied from "Tinman's Sticks" cut in lengths of 2" (approx 30gm) and 4" (approx 60gm).



CODE	TYPE	PRICE
186-070	Low Temperature Solder 70°C - 2" Stick.....	£2.99
186-071	Low Temperature Solder 70°C - 4" Stick.....	£5.70
186-072	Low Temperature Solder 70°C - 2x8" Sticks	£19.99

**LOW TEMPERATURE DETAILING SOLDER 145°C** a Tin/Lead/Cadmium (TLC) solder in 1mm diameter wire form. It has a lower than normal melting temperature which enables you to add small parts to an otherwise completed structure with reduced risk of melting the main joints or any other details, a flux is required, powerflow or similar. Supplied in packs of 3 yards (approx 20g) and 6 yards (approx 40g) and 500gm reels.



CODE	TYPE	PRICE
186-145	L/Temp Detailing Solder Wire 145°C - 3yds..	£2.99
186-146	L/Temp Detailing Solder Wire 145°C - 6yds..	£5.70
186-147	L/Temp Detailing Solder Wire 145°C 500gm.	£34.99

**SOLDER DISPENSER TUBE** a tube of lead free solder suitable for general purpose applications. 10g tube.



CODE	TYPE	PRICE
185-750	Lead Free Solder 10gm Tube.....	£3.49

**DRAPER FLUXED CORED SOLDER 60/40** a K60/40 tin/lead flux cored solder, supplied in tubes and reels.



CODE	TYPE	PRICE
19225	Draper Fluxed Cored Solder 60/40 20g.....	£3.49
44040	Draper Fluxed Cored Solder 60/40 100g.....	£14.99

**TIN/LEAD SINGLE CORE SOLDER** a general purpose resin cored solder, 60% tin, 40% lead. Melting point 185°C. Diameter 22swg/0.7mm. Supplied on a handy 100g reel.



CODE	TYPE	PRICE
SOL012	60/40 Solder 22swg/0.7mm - 100g.....	£9.99

**TIN/LEAD RESIN CORED SOLDER** a high grade 60% tin, 40% lead solder containing flux manufactured to JISZ3282. Melting temperature 188°C, with a recommended bit temperature of 300°C. Available in 2 gauges in packs of 2.7M length and a 250gm reel 18swg 30.5 metres approx;



CODE	TYPE	PRICE
185-609	Resin Cored Solder 18swg/1.2mm - 2.7M.....	£2.25
185-522	Resin Cored Solder 18swg/1.2mm - 250gm	£15.99
185-594	Resin Cored Solder 22swg/0.7mm - 2.7M.....	£1.99

**SOLDER PAINT 188** a high quality solder paint containing a high volume of solder suspended in a flux compound. 188°C, supplied in a 30ml jar. Stir well before use.



CODE	TYPE	PRICE
185-188	Solder Paint 188°C - 30ml Jar.....	£10.99

**SOLDER FLUX PASTE** a small pot of solder paste for use when soldering to avoid dry joints through oxidization.



CODE	TYPE	PRICE
185-300	Solder flux Paste 30gm.....	£2.50

**FLUXITE SOLDERING PASTE FLUX** manufactured by Frys Metals, this is a very effective flux in a convenient paste form. Supplied in 100g and 450g tins.



CODE	TYPE	PRICE
FLU100	Fluxite Flux Paste 100g.....	£12.99
FLU105	Fluxite Flux Paste 450g.....	£24.99

**POWERFLOW FLUX** manufactured by Frys Metals, it is an effective flux with good penetration qualities in a convenient paste form. Supplied in a plastic tub with screw lid. 2 sizes available.



CODE	TYPE	PRICE
FLU120	Powerflow Flux Paste 100g.....	£14.99
FLU125	Powerflow Flux Paste 350g.....	£26.99

**LA-CO REGULAR SOLDERING FLUX PASTE** a high quality non toxic flux paste suitable for the soft soldering of copper, galvanised iron/steel, tin, mild steel, terne plate, zinc, nickel silver, sheet lead and whitemetal. It can be used with all grades of tin lead solder and lead free alloys for soft soldering tin-silver, tin-antimony and tin-copper alloys, including those which flow at the high end of the soft soldering temperature range i.e. about 240°C.



CODE	TYPE	PRICE
185-010	LA-CO Regular Soldering Flux Paste 60g.....	£5.99
185-012	LA-CO Regular Soldering Flux Paste 125g...	£8.99

**BS LIQUID SOLDERING FLUX** a high quality liquid flux, specially formulated for the soft soldering of copper, brass, nickel silver. It can be used with all grades of tin lead solder and lead free alloys. Supplied a in 60ml bottle.



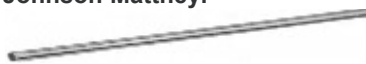
CODE	TYPE	PRICE
BSFLUX	BS Liquid Flux 60ml.....	£4.99

**BAKER'S SOLDERING FLUID No.3** manufactured by Fry's Metals, this is a very effective flux in a liquid form for soldering and tinning. Ideal for use with brass, copper and pre-tinned metals. Residues should be washed off with warm water.



CODE	TYPE	PRICE
BAK125	Baker's Fluid No 3 - 125ml.....	£11.99
190-126	Baker's Fluid No 3 - 250ml.....	£15.99

**SILVER-FLO 55 SILVER SOLDER WIRE** supplied as a wire which is only 0.5mm diameter. It is used when a low brazing temperature is required, very free flowing and will produce neat joints with small fillets. It has excellent mechanical properties and suitable for sea water applications being resistant to dezincification. Often used as a substitute for cadmium bearing alloys such as Easy-flo or Easy-flo 2. Ideal for torch brazing or any other rapid heating method. Melting range 630 - 660°C. Length 1 metre. **Supplied by Johnson Matthey.**



CODE	TYPE	PRICE
185-644	JM Silver-flo55 Silver Solder 660°C 0.5x1M..	£3.49

**SILVER-FLO 55 SILVER SOLDER ROD** supplied as a rod which is 1.5mm diameter. It is used when a low brazing temperature is required, very free flowing and will produce neat joints with small fillets. It has excellent mechanical properties and suitable for sea water applications being resistant to dezincification. Often used as a substitute for cadmium bearing alloys such as Easy-flo or Easy-flo 2. Ideal for torch brazing or any other rapid heating method. Melting range 630 - 660°C. Length 600mm x 1.5mm dia. **Supplied by Johnson Matthey.**



CODE	TYPE	PRICE
185-507	JM Silver Solder Silver-Flo 55 - 660°C Rod...	£8.99

**SILVER-FLO 20 SILVER SOLDER ROD** supplied as a rod which is 1.5mm diameter. It is used when brazing copper and mild steel, an ideal compromise between high silver low melting point alloys and the basic high temperature welding alloys. Silver-flo 20 is capable of filling larger joint gaps, it contains a small amount of silicon which improves wetting and the surface finish. Ideal for torch brazing or any other rapid heating method. Melting range 776 - 815°C. Length 600mm x 1.5mm dia. **Supplied by Johnson Matthey.**



CODE	TYPE	PRICE
185-009	JM Silver Solder Silver-Flo 20 - 810°C Rod...	£4.89

**BORAX CONE FLUX** a traditional jewellers flux. The cone is abraded to produce a powder which is mixed in a dish with water to produce a paste. The paste is then used as the flux for soldering in the normal way.



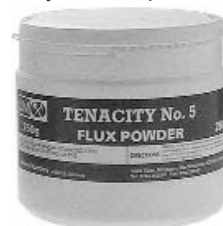
CODE	TYPE	PRICE
185-170	Borax Cone Flux.....	£4.50

**EASY-FLO FLUX POWDER** for use with Easy-flo, Agro-flo, Silver-flo and other silver brazing alloys at temperatures up to 800°C. Supplied as a powder which is mixed with water to a cream consistency, then applied to the joint. Supplied in a resealable container, 250g or 500g. **Supplied by Johnson Matthey.**



CODE	TYPE	PRICE
185-596	Easy-Flo Flux Powder 250g.....	£16.99
185-500	Easy-Flo Flux Powder 500g.....	£24.99

**TENACITY NO 5 FLUX POWDER** for use in silver brazing stainless steel and other heat resisting alloys at temperatures over 800°C. Supplied as a powder which is mixed with water to a cream consistency, then applied to the joint. Supplied in a resealable container. Weight 250g or 500g. **Supplied by Johnson Matthey.**



CODE	TYPE	PRICE
185-598	Tenacity No.5 Flux Powder 250g.....	£20.99
185-599	Tenacity No.5 Flux Powder 500g.....	£26.99

**LA-CO SILVER BRAZING FLUX PASTE** a ready mixed flux paste with a powerful cleaning action. Temperature range 500° - 900°C. Available in 2 sizes.



CODE	TYPE	PRICE
185-302	LA-CO Silver Brazing Flux Paste 2oz.....	£10.99
185-305	LA-CO Silver Brazing Flux Paste 6oz.....	£16.99

**SILVER-FLO 55 SILVER SOLDER PAINT** Silver-flo55 Paint consists of a silver brazing filler metal powder (Silver-flo™ 55) and a brazing flux (Easy-flo™ Flux Powder) combined in a volatile organic solvent. The proportions of filler metal to flux are optimised to make the paint suitable for brazing small components by most heating methods. The silver brazing filler metal in this product - Silver-flo™ 55, is cadmium-free. It combines a low brazing temperature with a short melting range, is very free flowing and produces neat joints with small fillets. These characteristics make it an excellent general purpose silver brazing filler metal. Joints made with Silver-flo™ 55 Paint are suitable for seawater applications, being resistant to dezincification. The optimum joint gap for this filler metal at brazing temperature is normally 0.05-0.15mm. 25gm Bottle **Supplied by Johnson Matthey.**



CODE	TYPE	PRICE
185-255	JM Silver Solder Silver-Flo 55 Paint.....	£35.99

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## PECO SCENE STATIC GRASS

Peco Scene Static Grass and applicator. Available at many of our shows, from our shop and by post free mail order. (Exception Peco Layering Spray Aerosol which has to be sent by courier service and is subject to £5.00 despatch charge). The Layering Spray is Now available in a Pump Dispenser - PSG-13

**No Despatch Charge for this Item.**



CODE	TYPE	PRICE
PSG-1	Peco Pro-Grass Micro Applicator.....	£49.99
PSG-2	Peco Pro-Grass Applicato.....	£115.00
PSG-10	Peco Static Grass Basing Glue 500g.....	£11.49
PSG-11	P/S Aerosol Layering Spray 400ml *AERO*	£11.49
PSG-13	P/S Layering S/Adh Pump Dispenser 400ml	£11.49
PSG-101	Peco Static Spring Grass 1mm 30g.....	£3.89
PSG-102	Peco Static Summer Grass 1mm 30g.....	£3.89
PSG-103	Peco Static Autumn Grass 1mm 30g.....	£3.89
PSG-104	Peco Static Winter Grass 1mm 30g.....	£3.89
PSG-105	Peco Static Patchy Grass 1mm 30g.....	£3.89
PSG-106	Peco Static Dead Grass 1mm 30g.....	£3.89
PSG-201	Peco Static Spring Grass 2mm 30g.....	£3.89
PSG-202	Peco Static Summer Grass 2mm 30g.....	£3.89
PSG-203	Peco Static Autumn Grass 2mm 30g.....	£3.89
PSG-204	Peco Static Winter Grass 2mm 30g.....	£3.89
PSG-205	Peco Static Patchy Grass 2mm 30g.....	£3.89
PSG-206	Peco Static Dead Grass 2mm 30g.....	£3.89
PSG-211	Peco Static Spring Alpine Grass 2mm 30g....	£3.89
PSG-212	Peco Static Grass Scorched 2mm 30g.....	£3.89
PSG-213	Peco Static Snow 2mm 30g.....	£3.89
PSG-214	P/S Static Grass Summer Flowers 2mm 30g	£3.89
PSG-221	Peco Static Spring Grass 2mm 100g.....	£9.95
PSG-222	Peco Static Summer Grass 2mm 100g.....	£9.95
PSG-223	Peco Static Autumn Grass 2mm 100g.....	£9.95
PSG-401	Peco Static Spring Grass 4mm 20g.....	£3.29
PSG-402	Peco Static Summer Grass 4mm 20g.....	£3.29
PSG-403	Peco Static Autumn Grass 4mm 20g.....	£3.29
PSG-404	Peco Static Winter Grass 4mm 20g.....	£3.29
PSG-405	Peco Static Patchy Grass 4mm 20g.....	£3.29
PSG-406	Peco Static Dead Grass 4mm 20g.....	£3.29
PSG-407	Peco Static Pasture Grass 4mm 20g.....	£3.29
PSG-408	Peco Static Straw 4mm 20g.....	£3.29
PSG-411	Peco Static Golden Wheat 4mm 20g.....	£3.29
PSG-415	Peco Static Summer Alpine Grass 4mm 20g.	£3.29
PSG-421	Peco Static Spring Grass 4mm 100g.....	£11.49
PSG-422	Peco Static Summer Grass 4mm 100g.....	£11.49
PSG-423	Peco Static Autumn Grass 4mm 100g.....	£11.49
PSG-601	Peco Static Spring Grass 6mm 20g.....	£3.89
PSG-602	Peco Static Summer Grass 6mm 20g.....	£3.89
PSG-603	Peco Static Autumn Grass 6mm 20g.....	£3.89
PSG-608	Peco Static Straw 6mm 20g.....	£3.89
PSG-609	Peco Static Hay Field 6mm 20g.....	£3.89
PSG-610	Peco Static Wild Meadow 6mm 20g.....	£3.89
PSG-50	Peco S/Adhes Grass Tufts Assorted 4mm....	£4.19
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PSG-52	Peco S/Adhesive Sandy Tufts 4mm.....	£5.29
PSG-54	Peco S/Adhes Spring Grass Tufts 4mm.....	£4.19
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PSG-65	Peco S/Adhes Patchy Grass Tufts 6mm.....	£5.29
PSG-66	Peco S/Adhes Autumn Grass Tufts 6mm.....	£5.29
PSG-67	Peco S/Ad Wild Meadow Grass Tufts 6mm...	£5.29
PSG-74	Peco S/Adhes Spring Grass Tufts 10mm.....	£5.99
PSG-75	Peco S/Adhes Patchy Grass Tufts 10mm.....	£5.99
PSG-76	Peco S/Adhes Autumn Grass Tufts 10mm....	£5.99
PSG-77	Peco S/Ad Wild Meadow Grass Tufts 10mm.	£5.99
PSG-005	Peco Snow Scatter 0.5mm 30g.....	£3.89
180-174	Deluxe Materials Scatter Grip 150ml.....	£8.39
240-193	Noch Scenic Puffer Bottle.....	£4.99

## Town & Country Scenics

Town & Country Scenics "**Rust-it**" is a specially formulated water based paint that can be applied to Wood, Card, Polystyrene, Plastics, Glass, Metals, Painted Surfaces and many other non-porous surfaces. "Rust-it" can be applied with a small sponge or pallet knife. To add fine detail rust a Microbrush is ideal. Allow to dry between coats (drying time about 25 minutes)

"Rust-it" is available in Dark Rust and Light Rust. Apply Dark Rust and allow to dry, further coats of Dark "Rust-it" will darken the effect. Applying a second coat less evenly enhances the appearance. Apply "Rust-it" Light Rust randomly completes the effect of rust. The finished surface even feels rusty! Further enhancements can include use of weathering powders. **\*\*Buy one of each £14.99\*\***



Applied to Plastruct Tube



Applied to Aluminium Sheet



Applied to Wills Buildings



CODE	TYPE	PRICE
240-416	T&C "Rust-it" Dark Rust 150ml.....	£7.99
240-417	T&C "Rust-it" Light Rust 150ml.....	£7.99
240-418	T&C "Rust-it" Light & Dark Rust 1 each.....	£14.99

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**100 London Road, Bognor Regis,  
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[sales@squirestools.com](mailto:sales@squirestools.com)  
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**Telephone 01243 842424**