

SHESTO

PRECISION TOOLS

Since 1907, Shesto has developed a comprehensive range of Specialist Tools, Equipment and Materials covering applications across a wide range of fields of interest. From hobby, crafts, precision engineering, electronics to small repairs and restoration; Shesto has the tool for the task in hand. This catalogue includes Modelcraft precision hand tools, Soldercraft soldering irons and pyrography sets, as well as Rotacraft rotary tools & accessories.



MODEL CRAFT

The Modelcraft collection is a comprehensive range of useful, often hard to find

precision hand tools and accessories essential for any toolbox. The products in this catalogue have been carefully sourced from established manufacturers across 30 countries worldwide to ensure that the required quality standards and a fair price are met. The range of Modelcraft tools covers many applications where detail, precision and close up control are needed, such as: model making, general hobby & craft, electronics & light engineering, renovation & restoration, jewellery making, as well as smaller DIY and household repairs

www.modelcraftcollection.com

Solder CRAFT

Soldering is an easy and inexpensive method of joining light articles made from steel, copper or brass and securing wires made from these materials. Whether you are looking for a traditional electric soldering iron, a battery operated unit, or even a gas powered cordless iron – you will find a suitable tool for the job in the Soldercraft range. Also featured, a selection of excellent Pyrography tools ideal for marking and decorating wood and leathers.

www.soldercraft.co.uk

RotaCraft

Rotacraft offers an excellent range of precision tool kits - 12 volt, 230 volt and Cordless, suitable for the beginner, the enthusiast and the professional user. The tools are supported by a wide range of accessories and attachments. Ideal for modelling, electronics, general DIY, craft work, antique repair & restoration, engraving, jewellery making plus a variety of other precision tasks

www.rotacraft.co.uk

CONTENTS

MODEL CRAFT

Pliers & Nippers	3-5
Knives, Saws & Cutters	6-9
Clamping & Work Holding	10-12
Hammers & Pin Pushers	13
Marking & Measuring	14-15
Drills & Tool Holders	16-19
Service Aids	19-21
Files & Abraders	22-23
Tweezers & Pick-up Tools	24-25
Screwdrivers & Wrenches	25
Precision Hand Tool Kits	26

SOLDERCRAFT

Soldering	27-28
Pyrography	29

ROTACRAFT

Mini Power Tools & Attachments	30-33
Accessories & Accessory Sets	34-36

An introduction to Pliers & Nippers

Perhaps it is stating the obvious to say that pliers are for gripping and pulling a wide variety of wires and other materials. It is because they are suitable for such a wide variety of tasks that careful selection of the 'right tool for the job' is imperative to achieve the best results.

KLEIN professional Quality Box Joint Pliers & Nippers

The Klein range of pliers and nippers has been designed specially for precision work. All pliers are of box joint construction. They will retain precise alignment even under strain and after considerable use. Jaws will never develop looseness or wobble, yet open and close smoothly. An excellent quality/value for money trade-off.

KLEIN

A Flat Smooth 115mm

• Flat nose & smooth jaws with spring.

PPL1151

B Snipe Smooth 115mm

• Snipe nose & smooth jaws with spring.

PPL1152

C Snipe Bent 115mm

• Snipe nose bent & smooth jaws with spring.

PPL1152/B

D Round Nose 115mm

• Round nose & smooth jaws with spring.

PPL1153

E Side Cutters 115mm

• Side cutters with spring.

PPL1155

F Top End Cutter 115mm

• Top end cutters with spring.

PPL1154

Combination Pliers

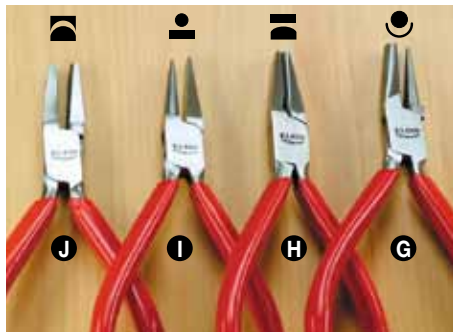
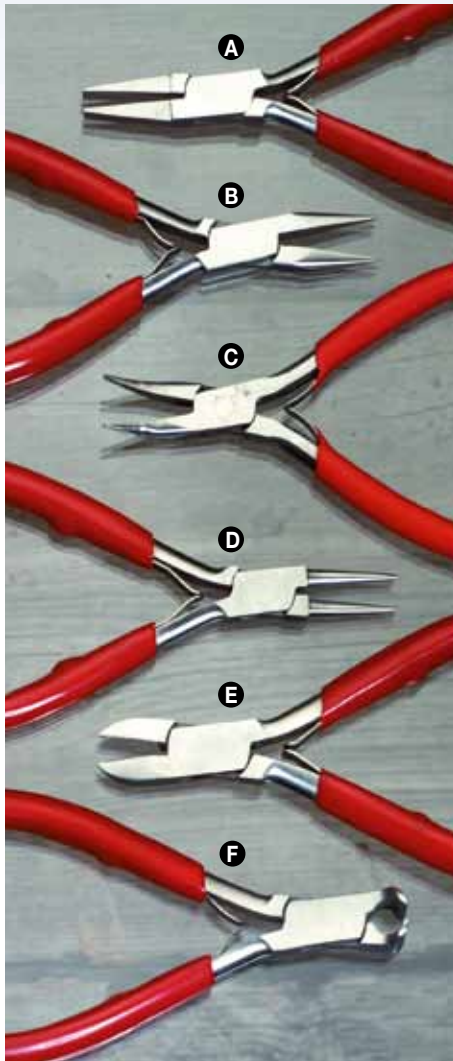
• 4 special pliers for bending & forming metal
• Smooth Jaws

G Concave + Round
L.130mm **PPL1307**

H Convex + Flat
L.130mm **PPL1306**

I Flat + Round
L.130mm **PPL1308**

J Concave + Convex
L.130mm **PPL1309**



Slim line Craft Pliers

These slim profile, fine point pliers are ideal for delicate assembly work in model making, electronic and jewellery applications. They feature box joint construction for maximum strength and accuracy, jaws and points that are perfectly aligned, and comfortable grips with spring openings.

K Flat Nose

• Length 120mm

PPL7344

L Chain Nose

• Length 115mm

PPL7345

M Bent Nose

• Length 115mm

PPL7342

N Round Nose

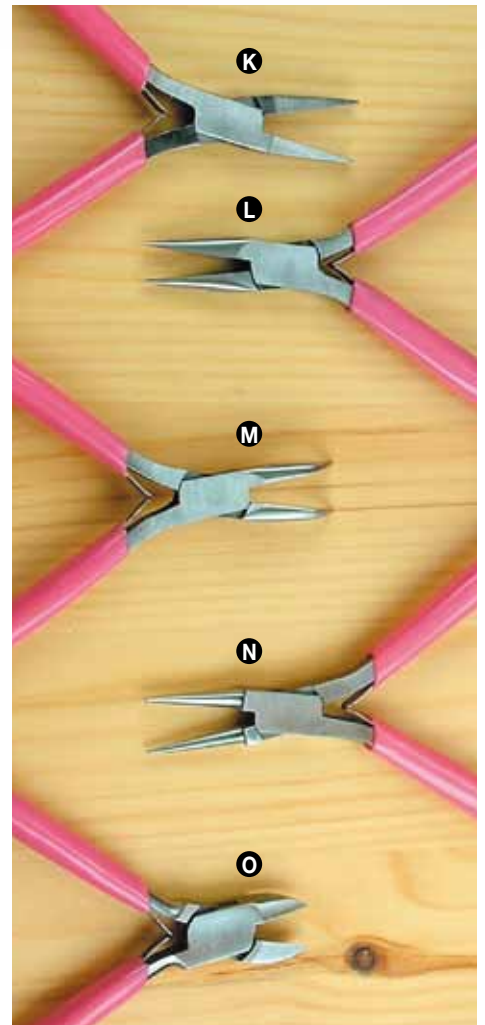
• Length 120mm

PPL7343

O Diagonal Cutter

• Length 110mm

PPL7341



Pliers & Nippers

Hobby Range of Miniature Pliers & Nippers

A useful range of miniature pliers for most models and hobby applications. Comfortable insulated handles and opening spring make these pliers and nippers a joy to use.

A Flat Nose

- Stainless steel
- Smooth jaws
- Comfortable grips

PPL5702

B Half Round

- Stainless steel
- Smooth jaws
- Comfortable grips

PPL5704

C Round Nose

- Stainless steel
- Smooth jaws
- Comfortable grips

PPL5701

D Bent Nose

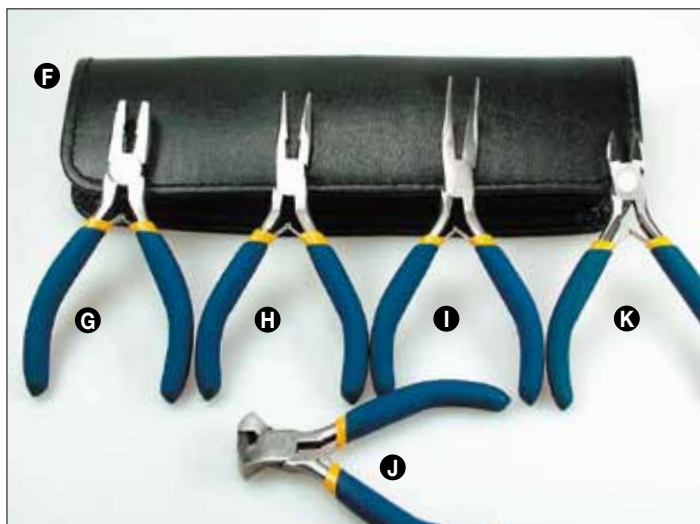
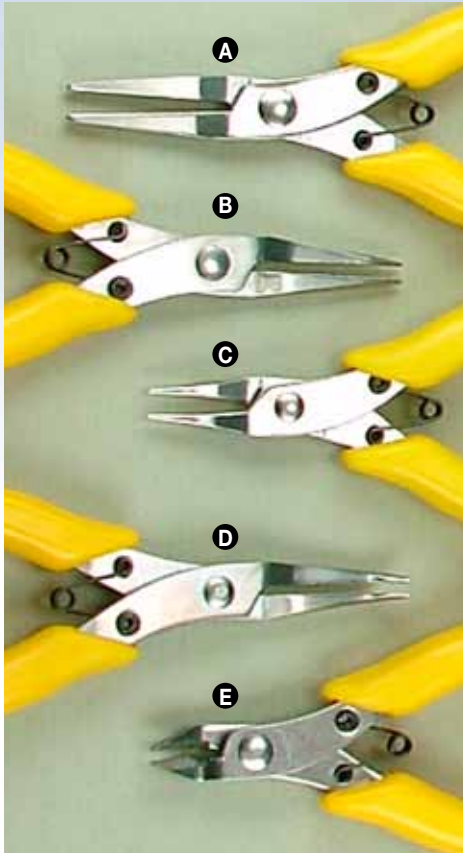
- Stainless steel
- Smooth jaws
- Comfortable grips

PPL5705

E Side Cutter

- Stainless steel
- Smooth jaws
- Comfortable grips

PPL5703



Hobby Pliers & Wallet (Budget Series)

F 5 Piece Plier Set & Case

PPL6000

G Flat Nose Combination, serrated 120mm

PPL6001

H Snipe Nose Combination, serrated 125mm

PPL6002

I Snipe Nose Smooth Bent Jaws 125mm

PPL6003

J Top Cutter 115mm

PPL6004

K Side Cutter 110mm

PPL6005



Jewellers Tinsnips

Suitable for cutting intricate shapes in light gauge metal. Overall length 180mm

STRAIGHT
PPL1207

CURVED
PPL1208

Micro-snips

- Versatile 'Japanese' style scissors.
- Comfortable to use
- Built-in spring return
- Excellent for modelling, needlecrafts and bead stringing



PPL5015

Mini Snip

- Versatile, precision scissors
- Comfortable to use
- Built in spring return

PSC1002



Flush Cutter

- Ideal for flush cuts in thin wire, soft metal sheets and plastics

PPL6704



Economy Sprue & Plastic Cutter

- For flush cuts in plastics and sprues
- Ideal for making small cuts in plastic models, military figures and other general hobby & craft applications

PPL6703



Utility Snips

- Multi Purpose universal scissors with reinforced cutting edges. Suitable for tougher materials; card, textiles, rubbers, leathers and paper

PSC0001/S Small 140mm

PSC0001/L Large 180mm



XURON Speciality Pliers & Cutters

Xuron have supplied their fine range of pliers and cutters to the civilian and military electronics and aerospace industries since 1970. Now available to the hobbyist, crafter and engineer we are confident that you will be amazed by their precision and quality.



Track cutter

Quite simply the finest track cutter of its kind on the market today with its patented Micro-Shear® cutting action

- Cuts quick, clean and square
- Less effort than conventional compression cutters
- Rated for Z, N, HO and S gauges

PXU2175/B



Hard Wire & Cable Cutter

Rated for hardened wire, piano wire and throttle cable

- No special technique required
- Low cutting effort due to shearing action
- Cushioned Xuro-Rubber grips for comfort

PXU2193



High Precision Scissor

Cuts fine or delicate items, materials such as silk embroidery, floss or thin mylars and delicate photo-etched parts with a clean, square cut edge

- Extremely comfortable in use
- Especially advantageous for users with arthritic hands
- Rated for cutting soft metals up to 0.13mm

PXU0440



Ultra Flush Cutting Micro-Shear®

Features patented Micro-Shear® blade by-pass and minimal outside bevel. For use ONLY on soft metals

- Cuts small or soft material with no 'pinch'
- Leaves a finished or near finished surface
- Spring returns shear to open position after use

PXU0410/A



High Precision Micro-Shear®

Precision ground blades combined with a special ultra-tapered shape provide clean, flush cuts in extremely restricted areas

- Suitable for fine work, such as fibres up to 1mm
- Ideal for cutting trees or wiring a Model Railway layout
- Light-Touch™ return spring speeds up work

PXU0410/T

Angled High Precision Micro-Shear®

Same precision cutting blades as PXU0410/T combined with a 55° angled cutting header

- Tapered tip provides access in tight areas
- Angled head gets your hand and arm out of the way for improved sight lines
- Ideal for working on the inside of a radius

PXU0420/T

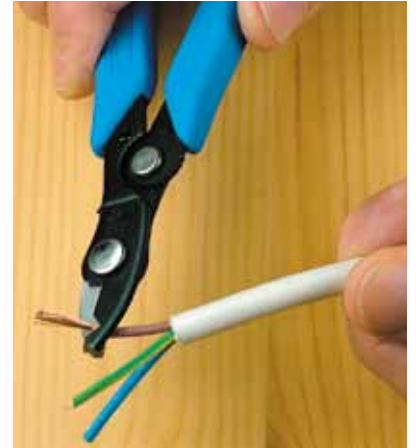


Adjustable Wire Stripper

Features a thumb adjustable cam that sets the tool to the appropriate wire size with no additional tools required for tightening or loosening

- Strips wires 10-26 AWG (2.59mm - 0.405mm)
- Full by-pass shear for added versatility for improved sight lines
- Light-Touch™ return spring speeds up work

PXU0501



Tweezernose™

The ultimate smooth jaw needle nose pliers.

- Precise enough to handle the most delicate parts
- Strong enough to form and bend wire
- Light-Touch™ return spring speeds up work

PXU0450



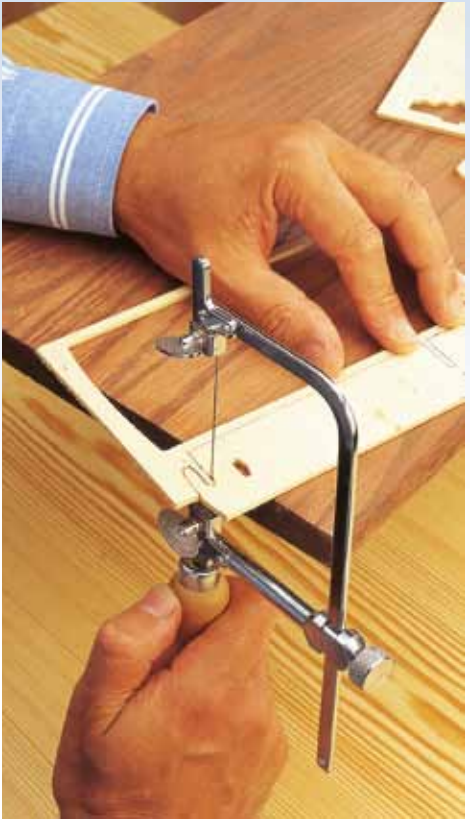
An introduction to Saws

The Modelcraft Collection includes specialist saws suitable for a wide variety of applications. From precision piercing saws for detailed cut-out work to the newly featured Zona range of Razor saws you are sure to find the right tool to suit your particular task.

Adjustable, Piercing Saw Frame

- Accepts blades between 60mm and 160mm - even accommodates broken blades!
- Depth of cut - 75mm (3").

PSA5040



36 Piercing Saw Blades

- Fits all popular piercing saw frames
- 3 grades - coarse, medium and fine

PSA5041/36



5 - Plastic Handled Craft Knife

- 115mm / 4.5" long with non-roll heavy plastic handle.
- Equipped with #24 craft blade. Accepts saw blades from range below.

PKN2305

Saw Blades for #5 Handles

A #134

- L125mm/5"
- D 19mm (3/4")
- 42 tpi

PKN1340

B #135

- L125mm/5"
- D 25mm (1")
- 42 tpi

PKN1350

C #136

- L125mm/5"
- D 32mm (1.25")
- 30 tpi

PKN1360

D #138

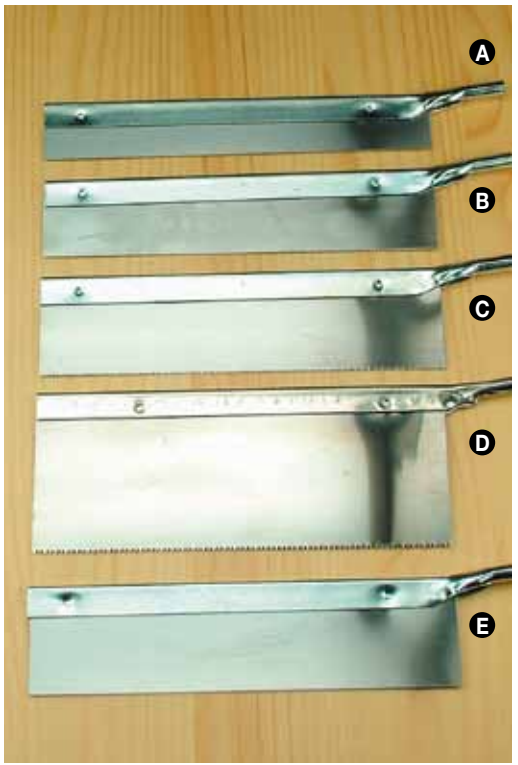
- L125mm/5"
- D 50mm (2")
- 16 tpi

PKN1380

E #139

- L125mm/5"
- D 32mm (1.25")
- 54 tpi

PKN1390



Junior Hacksaw

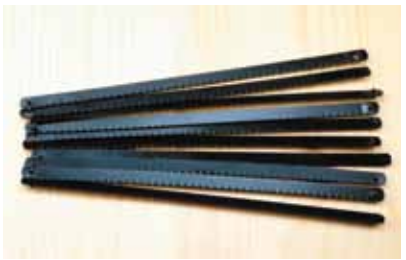
- Beautifully crafted wooden handled hacksaw.
- 75mm/3" depth
- Takes standard Junior hacksaw blades

PSA5042

Junior Hacksaw Blades

- Pack of 10 blades for Junior Hacksaw that will last longer than ordinary blades at this price

PSA5042/B



ZONA Razor Saws & Mitre Boxes

Zona is the leading manufacturer of razor saws in the hobby industry. Model Craft offers a range of Zona products used in the fields of hobby, crafts, and fine woodworking. Modellers, radio-control enthusiasts, model railroaders, and serious crafts people can rely upon Zona to help them complete their projects successfully, accurately, and on time.



Razor Saws

• Superfine and Fine are ideal for wood and plastic without splitting and ragged edges. Medium offers longer wear in metal cutting applications

Superfine 52 tpi	PSA35/050
Fine 42 tpi	PSA35/150
Medium 32 tpi	PSA35/200



Fine Woodcraft saw

• An excellent saw for cutting hard and soft woods.
 • 0.38mm (.015") thick blade
 • 165mm (6.5") long
 • 22mm (7/8") cutting depth
 • 24 tpi

PSA35/300



Universal Razor saw

• Cuts balsa and other wood, plastic, copper or brass and leaves a smooth edge. • 0.25mm (.010") thick blade • 165mm (6.5") long
 • 30mm (1 3/16") cutting depth • 32 tpi

PSA35/500



3 in 1 Saw set

• This versatile set includes three popular interchangeable blades. Blades are easily fitted and removed by means of a simple wing nut.
 • Spare blades available

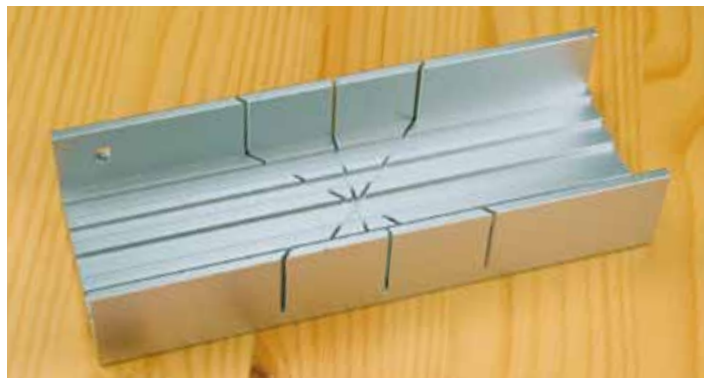
PSA35/100



Flush Cutting Saw

• The teeth on this flexible blade have no set so they will cut dowels, pegs and plugs flush without marring work surface. Cuts on the 'pull' stroke. • 0.35mm (.012") thick blade • 165mm (6.5") long
 • 32mm (1 1/4") cutting depth • 16 tpi

PSA35/400



Aluminium Mitre Box

• For use with Zona Razor Saws PSA35/300 and PSA35/500. Can also be used with Junior Hacksaws to cut square ends, perfect splices and angled or mitred corners. • Holds material up to 44mm (1.75") thick. • Overall length 140mm (5.5")

PSA35/260



Retractable Safety Knife set

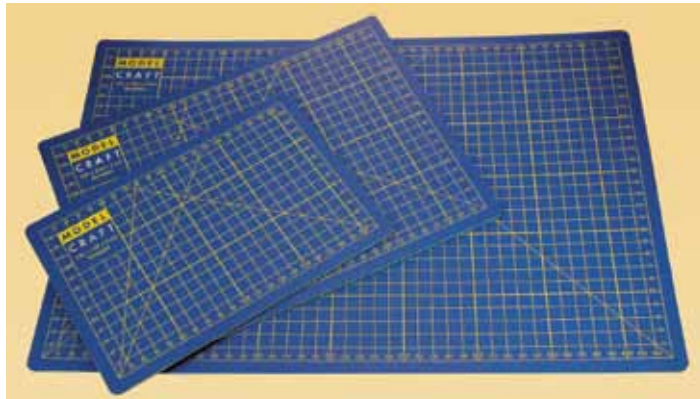
- Retractable precision knives with blade locking feature. Can be opened and closed with one hand. Ultimate safety. Choice of 4 different scalpel blades or a complete set.

Safety Knife Set	PKN3216/S
Green - #10 blade	PKN3216/10
Grey - #10A blade	PKN3216/10A
Yellow - #11 blade	PKN3216/11
Red - #15 blade	PKN3216/15

Set of 3 Disposable Knives

- Strong disposable knives
- Nylon handles
- Inbuilt finger guard

PKN1007/3



Cutting Mats

- 3 layer PVC mat in sandwich structure ensures no cracking or warping. Non slip surface of base holds paper firmly and prevents blade run and cutting error.

- Preserves the life of blades
- Encourages accurate cutting
- Available in the following sizes - A1, A2, A3, A4, A5.

A1 - 600 x 900mm	PKN6001
A2 - 600 x 450mm	PKN6002
A3 - 450 x 300mm	PKN6003
A4 - 300 x 200mm	PKN6004
A5 - 230 x 160mm	PKN6005

Circle (Compass) Cutter

- Designed for cutting accurate circles in paper, card, masking films, leather, vinyl etc.
- 10mm to 150mm.

PKN4101

Replacement Blades
PKN4101/B



Plastic Cutter Scriber

- Perfect for scribing and cutting laminated plastics and acrylics. The unique blade design ensures clean smooth scribed lines and leaves no burrs.

PKN4150

Replacement Blades
PKN4150/B



Rotary Cutters 28mm

- Rotary cutters offer a very convenient and efficient way to cut a wide range of materials such as fabric, leather, vinyl, paper, card veneers etc.

PKN6194



Standard Spare Blade 28mm

PKN6194/B

Skip Spare blade 28mm

PKN6194/S

Wavy Spare Blade 28mm

PKN6194/W

3 x 15mm Rotary cutter set

- 3 tools for cutting, perforating and scoring card, paper, tin foil, textiles
- Ideal for card making, scrap booking, papercraft
- Inbuilt safety, blade protector

PKN6195/S



Rotating Cutting Mat

- 31 x 31cm self healing cutting mat
- Dual function
- stationary or rotating
- no need to turn your project
- Makes multiple and special cuts simple & easy
- Includes unique centre piece for fixing or freeing mat; and non slip base mat
- Ideal for painting, pottery, general craft & hobby tasks
- Includes rule, angle and circular measurement

PKN8008

Precision Knives (Light & Medium Duty)



Classic Craft Knife #1

• 125mm (5") aluminium handle with #11 blade for fine angle cuts, carving, etching, piercing, scoring, scraping, scribing, and trimming.

PKN2301



Soft Grip Precision Hobby Knife #4

• New soft grip handle for extra comfort supplied with 5x #11 blades. Rear blade release ensures blades are held more securely. It also incorporates an anti-roll design.

PKN2304

Blades for #1 & #4 Handles (Supplied in tubes of 5 pieces)

• #11 – Sharp angle for precise cutting



PKN1110

• #10 – Curved for general light cutting and carving



PKN1100

Medium Duty Knives



Medium Duty Hobby Knife #2

• 125mm (5") aluminium handle with #24 blade for cutting, carving, sawing, gouging and all medium duty work.

PKN2302

Replacement Blades for #2 & #5 Handles

• #2 – Improved angle for cutting medium weight materials



PKN1200

• #22 – Long edge for curved cutting of plastic and wood



PKN1220

• #18 – 12.5mm (1/2") straight edge for chiselling medium duty materials



PKN1180

• #24 – Sharp angle for cutting, carving and shaping



PKN1240

Auto-Lock, Heavy Duty Cutter

• Treated with soft skid-proof grip & comfortable handle. • Safety lock system for safer use.

PKN1068

Spare Blades 18mm x 100mm wide
10 strips

PKN1068/B



Stainless Steel Scalpel Set

• Stainless steel version of #3 handle supplied complete with 5 x #11 blades

PKN1214/3/11



Plastic Scalpel Handle with 5 x #11 Blades

• Plastic moulded handle for cutting knife. Sturdy, comfortable to hold and shaped neatly to fit in the hand.

PKN5002/11

Saw Sets for Scalpel Handle

Precision Saw Sets, ideal for intricate cuts in plastics, photo etched parts & wood

SET #1

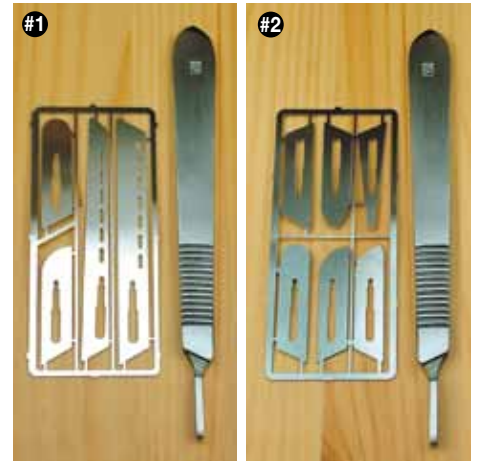
• 4 very fine saws
• 0.12mm thick
• For use with all small fitment scalpel handles.

#1 Saw set only

PKN0008

#1 Saw set with handle

PKN0008/K



SET #2 • 6 very fine saws • 0.24mm thick • For use with all small fitment scalpel handles

#2 Saw set only

PKN0009

#2 Saw set with handle

PKN0009/K



An introduction to Clamping and Work Holding

As any accomplished model maker will know, it is essential to have a job held securely and in the right position - especially when working on precision items. By securing items whilst working on them you can ensure better accuracy and minimise mistakes. The Modelcraft collection includes a comprehensive range of workholding tools and clamps to cater for all modelmaking and craft requirements.

Multi-Angle Bench Vice

For holding and manoeuvring objects to the most accessible angle



The Multi-Angled Bench Vice is made from die-cast aluminium and nickel plated steel. The rotating and tilting head allows you to manoeuvre your work piece to the most accessible angle and then lock into position by a single lever. The removable rubber grips on the jaws are for holding more delicate objects, although the vice can also be used without these. The jaws also have vertical and horizontal V-Grooves ideal for holding rods, wire or circular objects. The Vice fixes onto benches up to 55mm in thickness, with the adjustable lower clamp grip allowing for uneven surfaces and the soft upper grip protecting the surface from damage.

- Jaw width: 75mm
- Jaw Capacity (without rubber jaws): 55mm
- Jaw Capacity (with rubber jaws): 50mm
- Head Rotation: 360 degrees
- Tilt positions: 0 – 90 degrees

PVC7008

Universal Suction Vice

For holding & manoeuvring objects to the most accessible angle. Powerful suction base with locking lever fixes vice to any flat, smooth surface



The universal, multi position suction vice is made from die-cast aluminium and nickel plated steel. The rotating and tilting head allows you to manoeuvre your work piece to the most accessible angle and then lock into position by simply turning the base wheel. The rubber grips on the jaws are for holding more delicate objects, although the vice can also be used without the grips. The jaws also have vertical and horizontal V-Grooves ideal for holding rods, wire or circular objects. The Universal Vice can fix onto any flat, smooth surfaces with the powerful suction base and locking wheel, leaving no marks or scratches.

- Jaw width: 70mm
- Jaw Capacity: 70mm (without rubber jaws)
- Jaw Capacity: 65mm (with rubber jaws)

PVC7012

Hobby Bench Vice

Holds objects securely at the desired angle

The Hobby Bench Vice is made from an aluminium alloy, combining strength with lightness, making it ideal for use with portable workbenches, the kitchen table or wherever a strong temporary fixing is required. The jaws have cross cut face plates for better grip. The vice can be attached to benches up to 25mm thickness and the adjustable clamp head allows for uneven surfaces. As any Model maker or DIY enthusiast will know, it is essential to have a job held securely and in the right position, especially when working on precise items. By securing items whilst working on them you can ensure better accuracy and minimise mistakes.

- Jaw width: 60mm
- Jaw Capacity: 50mm

PVC7006





Mini Bench Vice

Holds objects securely at the desired angle

The Mini Vice is made from an aluminium alloy, combining strength with lightness, making it ideal for use with portable workbenches, the kitchen table or wherever a strong temporary fixing is required. It can be attached to benches up to 20mm in thickness. As any Model maker or DIY enthusiast will know, it is essential to have a job held securely and in

the right position, especially when working on precise items.

By securing items whilst working on them you can ensure better accuracy and minimise mistakes.

- Jaw width: 40mm - Jaw Capacity: 30mm

PVC7002



Locking Forceps

- Used by surgeons, these are now used extensively by model builders, jewellers, miniaturists, anglers, electronics hobbyists, cake decorators, and even flower arrangers.
- Quality box joint construction
- Stainless Steel.

A Straight Jaws – smooth L130mm

PCL5044

B Curved Jaws – serrated L150mm

PCL5046

C Straight Jaws – serrated L150mm

PCL5045



3 G-Clamps & magnet

- Ideal for general work holding, gluing etc.
- Fitted with plastic grips for holding light delicate objects
- Use with magnet base as a mini vice.

PCL1003



Nylon Grip Clamps (9 piece set)

- Suitable for holding, gripping and clamping workpieces.
- Fitted with adjustable grips for better positioning.

Includes:
3 x 3" (75mm) and
6 x 2" (50mm)

PCL3000



C Clamps

- These value priced plastic clamps are lightweight, simple to use and come in three sizes. Useful additions to any toolbox.

75mm **PCL3075** 50mm **PCL3050** 25mm **PCL3025**

Toolmakers Parallel Clamps

Consisting of two metal jaws which are opened and closed by two screws at right angles to the length of the jaws.

- Useful for holding small work together when drilling
- Shiny, black finish
- Ends of jaws chamfered



50mm / 2" **PCL4201/A** 63mm / 2.5" **PCL4201/B** 75mm / 3" **PCL4201/C**

Mini Vice

- Non-mar plastic pins mounted in holes on the top of the vice jaws can be placed in 12 different locations to conform to the shape of the work piece. Alternatively, remove pins to use as a smooth jaw vice
- Jaws: 40mm wide
- Max opening: 18mm

PVC1650



Non - Mar Wedge Clamp

Used by jewellers worldwide, this tool is ideal for the creative modeller.

Holds jewellery, glass, plastics, metals etc firmly for painting, polishing, buffing, drilling, gluing etc. As a wedge is driven in the opposite end to the work, leather lined jaws tighten to grip without marring the item.



PCL8025



Helping Hands with Glass Magnifier

Useful, versatile devices for holding items in position during assembly, soldering, painting etc.

- Ball joints permit adjustment to required positions
- Heavy, weight base to avoid tipping
- Incorporates glass magnifier for precision viewing

PCL2228



Universal Workholder

• This really useful tool is ideal for holding small and odd-shaped parts for filing, painting, engraving, sawing, shaping etc. The 8 steel pins can be placed anywhere around the head and are also useful for bending and forming wire around. Handle can be removed and the head can then be locked in a bench vice. 140mm long

PCL8010

Bench Universal Workholder

• Excellent support tool for holding odd shapes and smaller components for painting, filing, engraving, sawing & shaping

• The 8 steel pins can be placed anywhere on the head to accommodate various shapes. Also can be used for bending and forming wire

• Head can be removed from base and fitted to a bench vice • Weight 504g

PCL8010/B



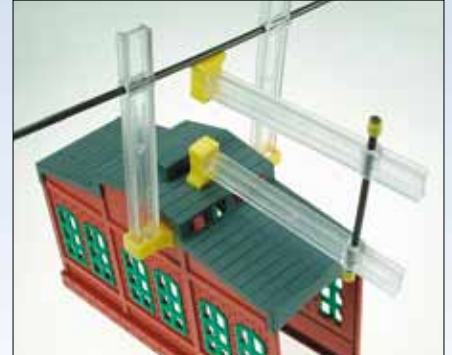
BERNA Multiclamps®

Clamping and Jig System

These unique clamps, developed in France by Dr. Berna, are made of technologically advanced materials used in the aircraft industry. Beams are made of high density carbon fibres and the jaws are incredibly supple – giving the clamps a tactile flexibility and pressure sensitivity similar to the human hand.

Multiple Clamps

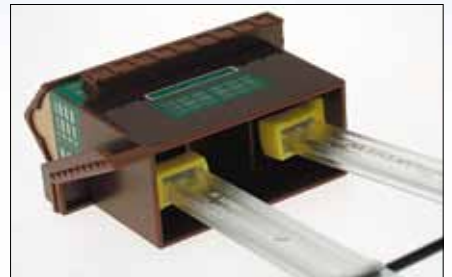
• Use clamps in various combinations to press on otherwise hard to reach surfaces for increased strength and holding power



Spreading tool

• By reversing the direction of the buffers, Berna Multiclamps® can be used as spreading tools.

• Ideal for holding workpieces for painting, weathering etc



Create a Jig

• “By using a base (such as a rectangular piece of wood), and with a washer and screw you can design your own jig system. Alternatively, drill a hole in the base to hold items using a single rod and jaw”.



2x Small Hobby clamps

• 75mm beams with 2 jaws each

PCL8710/2

1x Large Hobby Clamp

• 200mm beam with 2 jaws

PCL8720

An introduction to Hammers

Nailing, pin-pushing or riveting can be frustrating if the wrong type or an over sized hammer is used. Not to mention the dangers involved. Small pins and nails should be driven in using a precision tool rather than a regular DIY hammer. Pin pushers will make inserting small panel pins and nails a breeze and virtually eliminate sore thumbs!

A Ball Pein 1oz (28g)

• A miniature scaled down version of the traditional ball pein hammer. Used for shaping metal, riveting etc • Length 210mm

PHA1287/01

B Ball Pein 2oz (56g)

• Length 245mm

PHA1287/02

C Watchmaker Style Hammer

• Also known as a Swiss type hammer, this perfectly balanced miniature cross pein hammer is particularly useful for striking blows in awkward areas.

• Length 210mm
• Weight 2 oz (56g)

PHA5111

D Brass Hammer Flat/Ball Pein

• Small brass hammer with hardwood handle. The head is 5/8" (16mm) diameter and weighs 3oz (84g) Excellent balance. Overall length 230mm

PHA5180

E Ball Pein Hammer 4oz (112g)

• Length 270mm

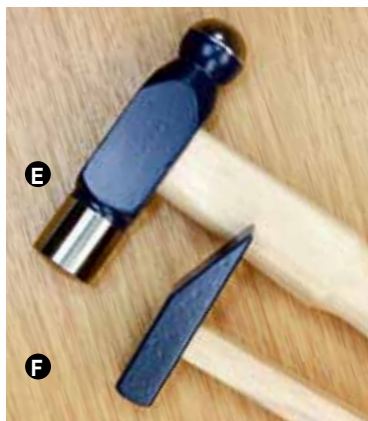
PHA1287/04

F Mini Modeller's Hammer

• For smaller pins, nails and tacs

• Length 190mm
• Weight 1¾ oz (50g)

PHA12888



Multi End Hobby hammer

• Versatile double ended hobby hammer

• Lightweight with knurled grip for comfortable use

• Includes 6 hammer options

that simply screw on • Ball Pein • Dome • Flat end • Chisel end • Plastic Flat end for work on softer material • Brass Flat end for work on softer metals

• Length 185 mm



PHA5116

Chasing Hammer 1 1/8" (28mm)

• Ideal for shaping, bending and decorating thin metals
• Quality wood handle, ergonomically designed and balance for comfortable use

PHA8366



Pen Grip Pin Pusher

• Pocket sized fastening tool • Quality wooden handle
• Ideal for pushing brass or black steel pins
• Great for setting

miniature n-gauge rail track on to board, or for nailing tasks on wooden boat models, dolls houses etc • Can push pins into 9mm plywood

Pin Pusher

PPU8174

Pin Pusher & 100 Black Pins

PPU8174B

Pin Pusher & 100 Brass Pins

PPU8174G

100 Black Pins

PPU8174/PB

100 Brass Pins

PPU8174/PG



Pin Pusher - with depth stop • This slightly larger version of the above has the added advantage of an adjustable depth stop to ensure that all pins are pushed 'home' to the same depth • Can be used with Hornby type track pins

PPU8175

Drive Pin Punch x4 Set

• Black knurled body
• Overall length 100mm (4")
• Sizes: 1.5, 2.5, 3.0, 4.0mm

PPU1121/S



Anvil

• Double horn anvil made for precision work. Excellent quality product made from drop-forged steel which is then case hardened

PAN5004



An introduction to Marking & Measuring

Accurate measuring and marking out are fundamental to the success of any hobby/craft project. You will be able to tackle most measuring jobs using a steel rule, an engineers square and a scribe tool. There are certain tasks which require more precision. In these circumstances a set of divider calipers, micrometer or vernier calipers will usually offer the accuracy you require.



Steel Rules

- Stainless steel
- Easy to read

150mm / 6" flexi rule	PRU1006
300mm / 12"	PRU1012
12" (1/12th and 1/24th scale)	PRU3012



Depth Gauge 150mm/6"

- Stainless steel rule
- Graduations in mm & inches
- Spring tension nut for easy depth measurement

[PGA6601/A](#)



Depth gauge with Protractor

- When two surfaces are at any angle other than 90 degrees the angle between them can only be measured with a protractor.
- The modelcraft version incorporates a depth gauge which is marked in both metric and inch scales.

[PGA6502](#)

Micrometer - 0 TO 25mm

- A basic metric micrometer offering excellent value for money with 0.02mm graduation.

[PGA5024](#)



Plastic Digital LCD Caliper

- 100mm/4". LCD 2 way measurement.
- 0.1mm graduation

[PGA1001](#)



Metal Digital Caliper & Case

- Quality stainless steel frame.
- LCD 3 way measurement, 0.01mm.
- True mm/inch conversion.
- Locking screw.

150mm/6" [PGA1500](#)

100mm/4" [PGA1100](#)



Brass Sliding Gauge

- This solid brass gauge offers a combination of inches and millimetres. It features notched jaws for inside/outside measurements and a 1/10th mm vernier for accuracy.

• L80mm

[PGA1652](#)



Vernier Calipers

- A general purpose steel caliper gauge for external, internal and depth measurements. 125mm/5".

[PGA4147](#)



Dividers & Calipers

- High quality tool steel
- Micrometer style adjustment

A Inside Calipers 3"/75mm

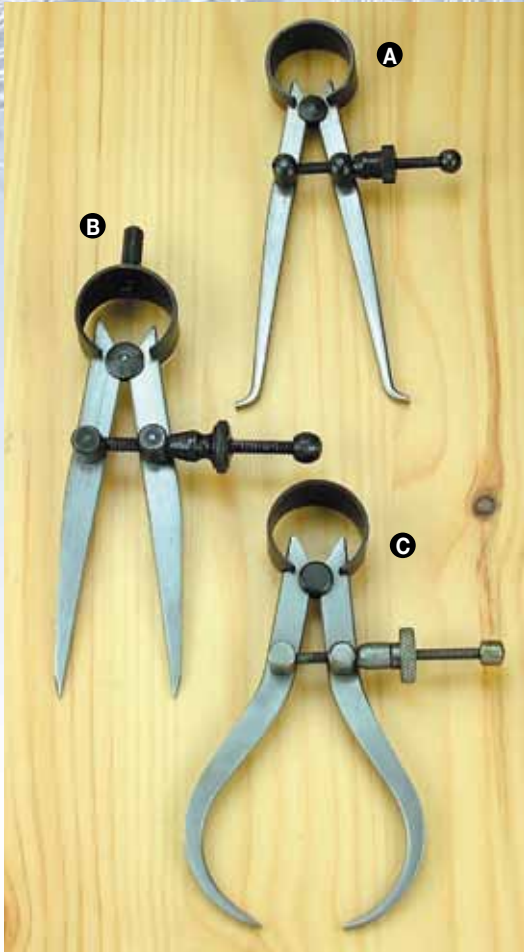
PDV6713/3

B Dividers 3"/75mm

PDV6711/3

C Outside Calipers 3"/75mm

PDV6712/3



Scriber with carbide point

- Fully retractable tungsten carbide point (replaceable)
- Unique device to stop point from falling out
- Pocket clip for easy carrying.

PSB0800

Stainless Steel Engineers Squares

- Solid steel stock
- Hardened and tempered finely polished blades
- Manufactured to BS939

1"/25mm PSQ2210/1

2"/50mm PSQ2210/2

3"/75mm PSQ2210/3

4"/100mm PSQ2210/4



Auto Centre Punch

- Heavy knurled body for easy handling
- Hardened and ground punch point
- Adjustable tension

PPU1001



Punch 'n' Scribe Auto centre Punch

- This two in one tool can be used as both a slim auto centre punch and scriber. Adjustable tension on centre punch & pocket clip included.

PSB0206/G



Scriber with fixed carbide point

- Handy scriber with fixed carbide point
- Knurled handle for comfortable grip

PSB0805



Handy Scriber 175mm

- For marking & scoring wood, metal, laminates and plastic.
- Double ended - point for scribing & wedge knife for scraping.

PSB1412



Machinists Scriber

- Basic single ended scriber L100mm

PSB1416

Introduction to Drills, Reamers

& Pin Vices Successful drilling depends not only on using the right drill bit for the job, but also in using the right techniques to guarantee accuracy. As well as choosing the most suitable drill bit, pay attention to which tool you are going to use for the job in hand. Depending on the material and size of the bit, it could well be that a small Archimedean drill will allow you more control than mounting the bit into an oversize power drill. A little thought will also save you breaking more drills than necessary.

Taper reamers are ideal for finishing and deburring panel holes. These tools can find many uses amongst different hobbyists. Electronics hobbyists will find it useful after drilling project boxes or for making panels etc, whereas model makers will find them useful for deburring holes in a variety of materials.



Archimedean Drill Holders

- Archimedean drill holders are spiral type hand drills which turn by pushing the knurled centre ring up and down.

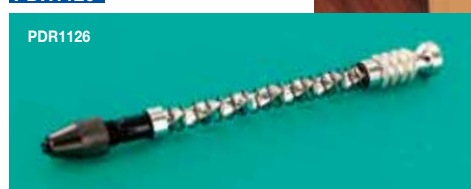
- For all small drill bits up to 1mm
- These are the ideal hand drill holders to use with very small drills as supplied in Model Craft Microbox drill sets PDR4001 and PDR4004

Standard version (illustrated)

PDR1411

De Luxe version (with return spring)

PDR1126



20 Piece Microbox Drill Set – Metric

- High Speed Steel metric drills from 0.3 to 1.6mm in a handy plastic index box with sliding top.
- Keeps drills securely in place and dispenses one drill at a time.

PDR4001

20 Piece Microbox Drill Set – Wire Gauge (Numbers)

- Contains one of each HSS number drill, sizes 61 to 80 inclusive in handy sliding top index storage dispenser.

PDR4004

10 Piece Microbox 2.35mm Shank Drill Set – Metric

- High Speed Steel drills from 0.5 to 2.2mm all with standard 2.35mm size shanks.

- These are designed to be held in a collet or chuck, particularly useful for use with miniature power drills.

PDR4005



Pistol Grip Hand Drill

- Handy and very safe hand drill on which all gears are enclosed.
- Keyless chuck accepts drill bits up to 6.4mm (1/4")
- Drill compartment in the handle

PDR1962



20 Piece Diamond Engraving Bit Set

• Diamond engraving tools mounted on 2.35mm (3/32") shafts – suitable for use on wood, metal, plastic and glass. Can be used in hand held holders or in miniature rotary power tools..

PFR6200



Engraving Stencil

• Useful hand held stencil for use with diamond engraving bits and ideal for use with Micro Sandblaster such as the Badger 260 series.

PFR8233



Diamond Engraving Kit

• Clutch action holder, 4 diamond bits and a stencil for simple hand engraving on most materials.

PFR8200



3 Sided Scraper

• For scraping and
• Use on metal, plastics & laminates
• Safety holder with reversible blade

PSP5161



Diamond Reamer & File Set

• Pin Vice style holder supplied with 4 useful diamond engraving bits. Flat file, 2 pointed reamers and a conical deburring bit.

PFL6009



Taper Reamer 1 to 16mm

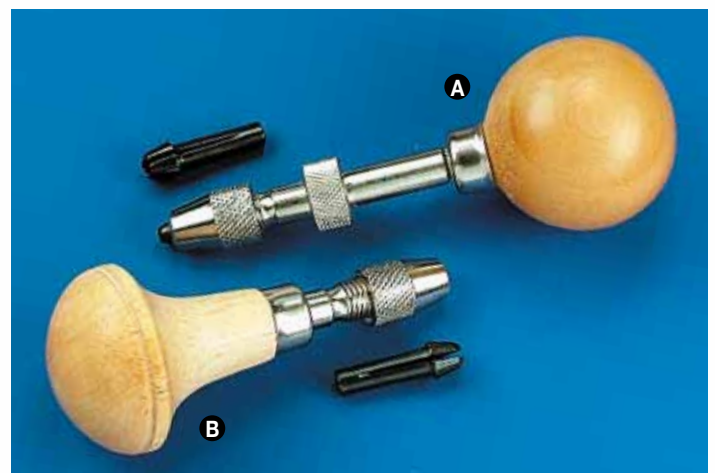
• Easily remove burrs and enlarge holes with this improved design tapered reamer with comfortable grip handle for greater pressure.

PDR0075

Tapered Reamer 3-16mm

• Hand operated tapered reamer used to finish and deburr panel holes between 3mm and 16mm.

PDR0074



Tool Holders

A Revolving Tool Holder • Ball shaped wooden revolving handle fits palm of hand making it useful for reaming, tapping and drilling etc. • Supplied with two collets

PTH5044

B Universal Handle • Mushroom shaped wooden handle fits palm of hand • Ideal for use with gravers, drills, taps & broaches
• Supplied with two collets • Capacity 0 to 3.0mm

PTH1988

Pin Vice - Double Ended Swivel Top

- Handy holder for drills, taps, pins etc
- 2 reversible collets 0-1.2mm, & 1.3-2.4mm 0.8-2.0mm, & 1.8-2.9mm
- Swivel head for comfort and efficiency.

Pin Vice only

PPV2237

Pin Vice & 5 drills

PPV2237/D



Pin Vice - Double Ended with Wood Swivel Top

- Ideal for holding drill, taps, pins etc
- 2 reversible collets: 0 - 1.2mm & 1.3 - 2.4mm; 0.8 - 2.0mm & 1.8 - 2.9mm
- Swivel head for comfort and efficiency

PPV2238



Pin Vice - Double Ended

- Handy holder for drills, taps, pins etc
- 2 reversible collets: 0-1.2mm, & 1.3-2.4mm + 0.8-2.0mm, & 1.8-2.9mm
- Anti-roll 6-sided body

PPV1061



Wing Nut Hand Vice

- Hand held vice for gripping small components e.g. pins, wire, rods etc. 12.5mm (1/2") jaws are smooth and there is a hole along the centre of the handle to accept long pins and wire. L150mm.
- Max jaw opening 5mm

PPV0004



Slide Locking Holder

- Hand held vice for gripping small components e.g. pins, wire, rods etc.
- L110mm. • Max jaw opening 0-1.5mm

PPV2002



Adaptor Pin Chuck Set with 4 Collets

- For use with miniature drills. Lock this adaptor in chuck to convert it for precise drilling with small size drill bits.
- Supplied with 4 collets.

PPV5155



Pin Chuck Set with 3 Collets

- All steel construction
- Blackened finish
- Supplied with 3 collets
- Shaft diameter 6.4mm/1/4 inch
- Capacity 0-2.5mm

PPV4012/S



English Patern Pin Vice

- Ideal vices for holding small tools, drills, taps etc.
- Knurled body
- Hollow for holding long items
- Capacity: (0-1.0mm, 0.8-1.5mm 1.3-3.1mm, 3.0-4.8mm)

Type 121 Capacity 0-1.0mm **PPV4001/A**

Type 122 Capacity 0.8-1.5mm **PPV4001/B**

Type 123 Capacity 1.3-3.1mm **PPV4001/C**

Type 124 Capacity 3.0-4.8mm **PPV4001/D**

Set of 4 Pin Vices **PPV4001/S**

An introduction to Broaches

Broaches are used for gently enlarging or sizing holes. They can also be used to clean or finish holes which have been drilled previously. As well as cutting broaches, we also have a range of smoothing broaches which can be used to burnish holes after cutting.



Individual Cutting Broach 3.0 to 4.0mm

- Particularly useful for 1/8" model railway axles, this individual broach has a knurled plastic handle and covers a useful range of sizes

PBR2316



Cutting Broach Sets

- Contains six cutting steel broaches
- Handy storage wallet

0.4 - 1.4mm

0.6 - 2.0mm

1.2 - 3.0mm

PBR2193

PBR2194

PBR2196



Smoothing Broach Sets

- Contains six smooth steel broaches
- Handy storage wallet

0.4 - 1.4mm

0.6 - 2.0mm

1.2 - 3.0mm

PBR2201

PBR2202

PBR2204

Service Aids

Multifunction Precision Oilers

- Clean tip system with Non-drip valve inside plastic end, prevents leakage when not in use
- Drop or Flow: Light pressure will give one drop; Constant pressure will allow oil to flow
- Oil proof gasket in cap covers & protects metal tip after use



Multifunction Precision Engineering Oil

- Bicycles, hinges, locks, garage doors, lawn mowers, hand tools, sewing machines, chains

POL1201



Superfine Oil with Teflon Particles

- Ideal for fishing reels, bearings, mechanical systems, guns, bikes
- Teflon allows oil to easily flow & reach difficult awkward parts



POL1202

Rust Removing and Inhibiting Oil

- Ideal for Rust removal and inhibition, eg loosens solid screw and bolt connections, deals with rusty threads



POL1203

Car lock De-icing pen

- Prevents freezing of car & door locks, and thaws frozen locks



POL1204

Chain Oil

- High viscosity chain Oil
- Ideal for bikes, chain saws & other types of chain



POL1205

Electrical Contact Oil

- Contains Addinol electro contact oil for cleaning & protecting electrical contacts from corrosion



POL1206

(Applicator colours may vary)

Precision Lubricator

- Complete with general purpose lubricating oil
- Lightweight, easy to use
- Ideal for delicate, precision work
- Delivers small drops of oil as required

POL1000



Red Transmission oil Lubricator

- Specially formulated for use on RC models.

POL1002



12ml Curved Syringe including Tip

- General purpose syringe with curved nozzle
- Ideal for liquid application in hard to reach areas
- Multitude of uses

POL1012/C



Three 5ml Syringes

- General purpose syringes
- Ideal for the application of larger liquid quantities
- Supplied in packs of 3

POL1005/3



Three 1ml Syringes

- General purpose syringes
- Ideal for the application of small liquid quantities
- Supplied in packs of 3

POL1001/3



Set of 4 Dropper Bottles

- Ideal for liquid storage and controlled fluid application
- Can be used with paints and oils
- 4 X 17ml dropper bottles

POL1017/4



Mini Swinger Organiser

The ideal space saving answer to storing & organising Small parts, Beads, Screws, Electronic components, Fishing tackle and General accessories

- 8 removable plastic, pocket sized containers
- Simple, easy snap-lock lids for securing contents
- 48 versatile compartments – 6 in each container
- 8 container cradles that swing open for easy access
- The organiser is fitted with a handle for complete portability
- and also 3 screw brackets for wall mounting
- Each container has a 8cm (3") rule marked in the base
- Compact size – Space saving

PBX1048



Inspection mirror

- Perfect for inspecting in awkward places
- Check internal mechanisms without dismantling
- Great for modellers and clock-makers
- Rugged yet lightweight, plastic construction

PDT5300



Display Turntable

Battery driven turntable for displaying models. Also a very useful accessory for use when airbrushing circular objects. Max weight 2.5 Kgs. Speed 1.3 rpm

PBA9119



2 Piece Set of Double Head Brushes

Four useful service brushes on two handles: brass/ steel and hard/soft bristle

PBU155



Rubber Blower

Used by watchmakers for removing dust from watch dials, now available to modellers to blow dust away from awkward areas.

PBL1297



An introduction to Probes & Carvers

Wax carvers and probes are used by dental technicians and jewellers for carving, shaping and forming models prior to casting. They can also be used for applying, spreading and smoothing soft materials such as clay, modelling compounds, putty, epoxy, wood filler etc.

Set of 6 Stainless Steel Carvers

- A selection of six quality stainless steel double ended carvers in a useful storage wallet

PDT5200



Set of 3 Stainless Steel Carvers

- A selection of three quality stainless steel carvers in a useful storage wallet

PDT5200/3



Set of 6 Stainless Steel Probes

- A selection of six quality stainless steel double ended probes in a useful storage wallet.

PDT5197



Set of 3 Stainless Steel Probes

- A selection of three quality stainless steel probes in a useful storage wallet.

PDT5197/3



Double Ended Stainless Steel Carver

- Ideal for spreading, smoothing & applying soft materials and compounds, also for scraping & general removal

PDT0982

Magnifiers



Plastic Eyeglass Magnifier

- Reduce eye strain
- Ideal for precision & miniature work

POP1035



Clip-on Spectacle eye glasses

- Reduces eye strain
- Ideal for precision & miniature work
- Can clip on to spectacles and adjusted to suit
- Magnification 3x (3.5")

POP1038/35



Flexi Neck Magnifier

- Handy magnifier on heavy base moves easily to any position
- 115mm / 4.5" glass magnifier

POP1800



Double Lense Jewellers Loupe

- 10 x power - 15mm focal length
- Supplied in leather pouch

POP1490/B

Pure Sable Brushes



- Ideal for painting miniatures
- Pure red sable hair
- Quality wood handles
- Available individually or in sets

Size 3/0

PPB2201/000

Size 2/0

PPB2201/00

Size 0

PPB2201/0

Size 1

PPB2201/1

Size 2

PPB2201/2

Set of 5

PPB2201/S1

An introduction to Files and Abraders

The file is the most frequently used tool when working with metal, wood, plastics and a host of other materials, so understanding the correct choice and usage of these tools is very important. There are three criteria required to correctly identify a file - the shape (cross-section), the length and the cut. There are many different cross sections available but the principle ones are flat, square, round and half-round. The length of the file is the distance from the shoulder below the tang to the end of the file. The cut refers to the pattern and density of the teeth.

Glass Fibre Pencil - 4mm

- Propelling pencil action exposes more or less of the glass fibres. The shorter the fibres showing, the more abrasive the action.

PBU1019/1

10 x 4mm Glass Fibre Refills

- Glass fibre refills for use with the 4mm glass fibre pencil (above). Supplied in packs of ten.

PBU1019/2/10

10 x 4mm Brass Refills

- Brass refills for use with the 4mm glass fibre pencil (above). Supplied in packs of 10

PBU1020/2/10



Glass Fibre Pencil - 2mm

- Ideal for similar applications to the larger 4mm pencil (above) but perfect for use on smaller and less accessible areas.

PBU2137

5 x 2mm Glass Fibre Refill

- Glass fibre refills for use with the 2mm glass fibre pencil (above). Supplied in packs of five.

PBU2138/5



String Bound Glass Fibre Brush

- For use on larger areas
- Length 180mm x 10mm dia

PBU1022/10



Set of Three Swiss Style Precision Needle Files

- Precision made in the EC
- Flat, half round & round profiles
- 16cm - medium cut 2

PKF3443/2

Universal needle File Handle

- Beautifully turned in hardwood, this handle fits neatly in the hand and has that wonderful feel of quality about it.
- The collet will accept all regular needle files.

PFL2211



Set of 5 Diamond Needle files

- Set of five 14cm diamond needle files.
- Longer lasting and faster working than conventional files.

PFL6002

5 piece Mini Diamond File set 100mm

- Ideal for intricate filing especially on small plastic model projects
- 5 shapes for dealing with various shapes and contours

PFL6007



Diamond Hand File with wooden handle

- File 75mm x 3mm
- Ideal for general purpose filing applications and for reaching into tight slots

PFL6008



MODEL CRAFT

10 Piece Budget Needle File Set

- Set of ten assorted imported needle files in a handy wallet.
- Medium cut, these files represent very good value for money and are ideal for general use

PFL6001



10 Piece Riffler File Set

- Set of 10 useful shape double ended rifflers
- Useful for reaching places not accessible with ordinary needle files

PFL6003



6 Piece Needle File Set

- Set of 6 140 x 3mm needle files with rubber cushion-grip handles
- Supplied in handy storage box

PFL6004



6 Piece Needle Rasp File Set

- Ideal for use on wood or wax for rapid non-clogging material removal

PFL6006



Spring-Loaded File Sander 25mm

PFL6025

- Ideal for controlled material removal and reaching into awkward areas
- As the sander paper wears simply roll it round the holder
- Fitted with medium sander band • Length 250mm, Width 25mm

• Also Available

Sander bands for PFL6025 (coarse, medium & fine) **PFL6025/3**

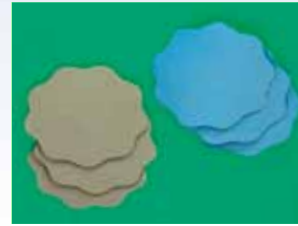
Precision Micro Sander/Polisher

- Sander Holder & 6 super fine sander pads with hook & loop system.
- Ideal for polishing out scratches, weathering and paint surface preparation on metals woods and plastics.
- Double ended holder with standard end for work on flat surfaces and soft end for work on contoured shapes
- Includes 6 superfine, scalloped sander pads; 1500 & 2500 grit

PAB1401/S

• Also Available

Superfine Sander Pads: (1500 grit) x10 (35mm dia) **PAB1425**
(2500 grit) x10 (35mm dia) **PAB1415**



Spring-Loaded Finger Sanders

- These sanders have a unique shape for working on both flat and curved surfaces.
- Choice of 3 widths. Spare sanding bands are available in coarse, medium and fine grades.

10mm sander – medium **PFL6010**

20mm sander – medium **PFL6020**

40mm sander – medium **PFL6040**

Spare Sanding Bands

- Spare sanding bands are supplied in packs of 3 (one each grit – coarse, medium and fine)

10mm **PFL6010/B**

20mm **PFL6020/B**

40mm **PFL6040/B**

An introduction to Tweezers

Miniature and microscopic parts/components can be difficult to pick, hold and place. Tweezers aid accurate and delicate handling with ease. Whether you require pointed, sharp or blunt tips, normal or reverse action, anti-magnetic, long or short, our range includes models suitable for virtually all applications.

Stainless Steel Tweezers ● Anti-acid ● Anti-magnetic



- #2A Flat Rounded Tipped 120mm Stainless Steel [PTW2185/2A](#)
- #3 Fine, (Very Sharp) Points 120mm Stainless Steel [PTW2185/3](#)
- #5 Super Fine (Very Sharp) Points 110mm Stainless Steel [PTW2185/5](#)
- #7 Extra Fine Curved Points 115mm Stainless Steel [PTW2185/7](#)
- #AA Strong Fine Points, Bevel Edges 115mm Stainless Steel [PTW2185/AA](#)
- #SS Very Fine Long Narrow Points 120mm Stainless Steel [PTW2185/SS](#)

Heavy duty 7" Tweezers

● Heavy duty ● Straight or Curved tips. ● Length 175mm



- [PTW5351](#)
Curved Tip
- [PTW5350](#)
Straight Tip

Fine Serrated Locking Tweezers ● Fine serrated points with locking device ● Length 160mm ● Stainless steel



[PTW1093/FR](#)



Set of 4 Stainless Steel Tweezers

● A selection of the 4 most popular stainless steel tweezers. ● Includes self locking needle point, angle point, straight point and flat point. Approx. 110mm long.

[PTW5000](#)



Extra Hand & Stand for Tweezers

● Bench tweezer holder with adjustable arm for positioning purposes. ● Weight: 430g

(Tweezers not included).



[PCL1222](#)

Reverse Action Fibre Grip Tweezers

- Straight or Curved Tips
- Heat resistant fibre grips
- Length 160mm.

Straight Tips [PTW1127](#)

Curved Tips [PTW1128](#)



Reverse Action Blunt End Tweezers

- Blunt End Tips
- Length 160mm

[PTW1126](#)



Plastic Tweezers (x2)

- Multi-purpose plastic tweezers
- Suitable for a wide range of tasks
- Supplied in packs of two

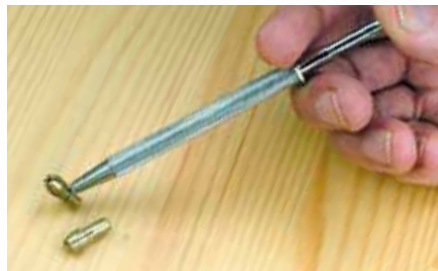
[PTW1150/2](#)



Pick-Up Tool

● This metal-cased pick-up tool is ideal for retrieving and holding small parts. Three spring-loaded steel grips hold any shape up to 30mm with a simple thumb-controlled plunge action

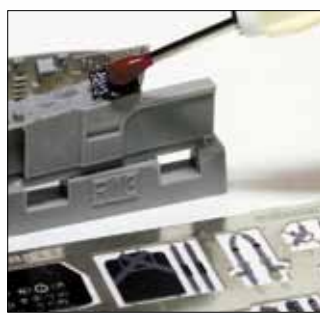
[PTW1129](#)



Magnetic Pick-Up Tool

- Extends from 120-300mm
- Pen style clip
- Retrieves parts from awkward places

[PTW1130](#)



Pick & Place Tools

Ideal for picking up & pinpoint placing of small objects, such as: ● Beads, gems, glitters, confetti, punch outs, decals for plastic models, small plastic component, stamps etc ● 3 sizes, small, medium & large ● Impregnated silicone tips to give them the tackiness required

- Small (Red) [PTW1131](#)
- Medium (Blue) [PTW1132](#)
- Large (Green) [PTW1132](#)

MODEL CRAFT

LED magnifier Tweezer

- Ideal for picking up small parts and components
- Also for removing splinters
- Includes adjustable magnifier 1.75x magnification
- Comes with LED light

PTW1124



Magnifier tweezers

- Ideal for picking up small parts
- Also for removing splinters
- Magnification 1.75x

PTW1125



Screwdrivers & Wrenches

An introduction to Screwdrivers

Smaller, detailed tasks such as radio controlled modelling & repairs, work on computers, cameras, clocks/watches, tv & radio, CD & MP3 players, mobile telephones, glasses and DVDs & VCRs require precision and the correct tool. Our range of quality screwdrivers and wrenches have been carefully selected for these tasks.



Slotted Blade Screwdriver Set

- Set of 6 Nickel Chrome Molybdenum alloy steel screwdrivers.
- Satin chrome plated and black finish tips.
- 1.0, 1.5, 2.0, 2.4, 3.0, 3.5 x 50mm

PSD1600



- Set of 6 Nickel Chrome Molybdenum alloy steel screwdrivers.
- Satin chrome plated and black finish tips.
- 0000, 000, 00, 0 x 50mm and 0 & 1 x 75mm

PSD1602



- Set of 6 Nickel Chrome Molybdenum alloy steel (SAE8660) + vanadium steel.
- Satin chrome plated and black finish tips.
- T6, T7, T8, T9, T10, T15 X 50mm

PSD1603



- Set of 6 Nickel Chrome Molybdenum alloy steel nut drivers
- Satin chrome plated and black finish tips.
- 3.2, 4.0, 5.0, 5.5, 6.0, 7.0 x 75mm

PSD1604



- Set of 6 Nickel Chrome Molybdenum alloy steel Hex screwdrivers
- Satin chrome plated and black finish tips.
- 0.9, 1.3, 1.5, 2.0, 2.5, 3.0 x 50mm

PSD1606



- Set of 6 Nickel Chrome Molybdenum alloy steel ball point screwdrivers.
- Satin chrome plated and black finish tips.
- 1.3, 1.5, 2.0, 2.5, 3.0, 3.2, x 50mm

PSD1607

Precision Swivel Top Screwdriver set

- Ideal for smaller, detailed tasks
- The screwdrivers have precision ground and hardened blades with nickel plated bodies & swivel heads.

The 11 piece set includes:

- 9 Precision screwdrivers
- Phillips: No's. 00, 0, 1
- Slotted Blades: 1.0, 1.2, 1.4, 1.8, 2.4, 3.0mm
- 1 Awl • 1 pair of Tweezers (All packed in handy storage case)

PSD1011



Craft & Model Tool Set (15 piece)

INCLUDES:
Ideal for Craft, Model Making, Repairing and small general DIY tasks

- Side cutter ● Snipe nose plier ● Modellers knife with no.11 blade
- 5 x No.11 spare blades ● Flat Hobby File ● Flat End Tweezers
- Bent Nose Tweezer ● 3 Grip Clamps (2 x 2"/50mm & 1 x 3"/75mm)
- A5 Size Self-Healing cutting mat



PTK1015



12 Piece Boat Building & Craft Tool Set **PTK1012**

A selected range of precision tools for boat building as well as general craft and model making.

- INCLUDES: ● Swivel top pin vice ● Craft knife & 5 no.11 blades
- Flat diamond file ● Snipe nose pliers ● Quality craft hammer
 - Bent nose tweezers ● Sanding & finishing block



18 Piece Hobby & Craft Set **PTK1018**

Ideal for Model Making & Craft, as well as those smaller DIY or repair jobs

- SET INCLUDES: ● 2 Pliers – Snipe Nose & Side Cutters ● Mini Flat File
- Craft Knife and 5 spare No. 11 blades ● Chisel Knife & 5 spare blades
 - Sanding block ● 2 Tweezers – Flat end and Bent nose

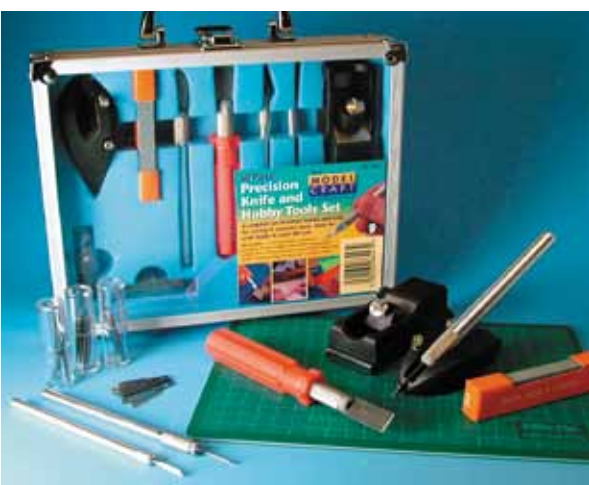


Plastic Modelling Tool Set

Ideal for Plastic Modelling & other Craft & Hobby applications ● Plastic Sprue Cutter

- Mini Flat File ● Craft Knife
- Self Healing Cutting Mat

PTK1009



50 Piece Precision Knife & Hobby Tool Set

A complete set of knives, blades & tools Ideal for craft, hobby & smaller DIY tasks

- Comes with handles, blades, cutting guide, planer, sharpening stone
- Includes FREE A5 self-healing cutting mat
- Comes with attractive aluminium carry & storage case

PKN1050/CM



13 Piece Railway & Hobby Hand Tool Set **PTK1013**

An ideal set of precision tools for railway modelling & general hobby tasks

- INCLUDES: ● Mini pliers ● Craft knife & 5 No. 11 blades
- Bent nose tweezers ● Swivel top pin vice ● Hammer
 - Razor Saw & handle ● Phillips Screwdriver

An introduction to Soldering

Soldering is an easy and inexpensive method of joining light articles made from steel, copper or brass and securing wires made from these materials. Whether you are looking for a traditional electric soldering iron or battery operated or gas powered cordless irons – you will find a suitable tool for the job in the Soldercraft Range. (Electric Soldering iron available with UK or EU mains plugs).



SolderCraft Electric Soldering Irons

Rugged, economical and versatile – these soldering irons are intended for direct connection to the mains voltage (220-240v) and feature a sturdy heater unit design and a wide range of soldering bits. Each iron is supplied with a simple iron stand and an operating manual.

A 230v 15w Iron

- Supplied with dia. 3.5mm pencil shaped bit (#6)

SC7015

B 230v 25w Iron

- Supplied with dia. 4.0mm pencil shaped bit (#6)

SC7025

C 230v 40w Iron

- Supplied with dia. 5.0mm chisel shaped bit (#8)

SC7040

D 230v 80w Iron

- Supplied with dia. 7.0mm chisel shaped bit (#8)







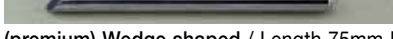
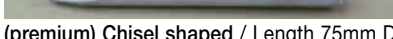

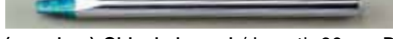


SC7080

E 230v 100w Iron

- Supplied with dia. 8.0mm wedge shaped bit (#8)

SC7100

SolderCraft Premium Quality High Performance Bits

MODEL		
SC7015 15W	F	
	G	
(premium) pencil shaped / chisel shaped Length 15mm Diameter 3.5mm F SC7015/6 G SC7015/8		
SC7025 25W	H	
	I	
	J	
(premium) Pencil shaped / Length 70mm Diameter 4mm (premium) Wedge shaped / Length 70mm Diameter 4mm (premium) Chisel shaped / Length 70mm Diameter 4mm		
SC7040 40W	K	
	L	
	M	
(premium) Pencil shaped / Length 75mm Diameter 5mm (premium) Wedge shaped / Length 75mm Diameter 5mm (premium) Chisel shaped / Length 75mm Diameter 5mm		
SC7080 80W	N	
	O	
(premium) Wedge shaped / Length 90mm Diameter 7mm (premium) Chisel shaped / Length 90mm Diameter 7mm		
SC7100 100W	P	
	Q	
(premium) Wedge shaped / Length 100mm Diameter 8mm (premium) Chisel shaped / Length 100mm Diameter 8mm		

Soldering Iron stand

- With spring holder and sponge tray
- Essential for safe storage of your iron

SC7000

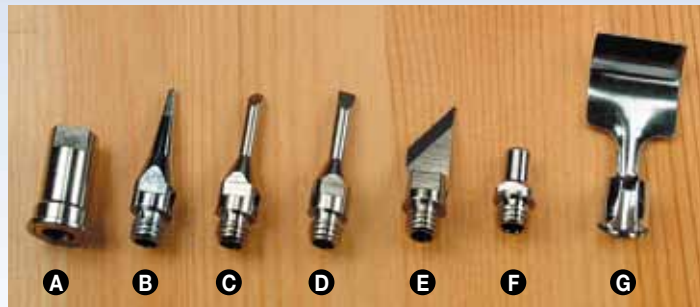


Lead Free Solder

- Lead-Free Solder
- Quick melting
- Easy to use
- Complies with EU directives

SC7801





Multipurpose Gas Soldering Tool SC3000

- 11 piece Gas Soldering Tool Kit featuring:
- Cordless, Safe & Simple
 - Anti-flaring
 - Meets the most stringent safety standards
 - Electronic instant ignition system
 - Soldering temperature up to 500° C (930° F)
 - Flame welding & brazing up to 1300° C (2370° F)
 - Hot air shrinking temperature up to 500° C (930° F)
 - Hot knife for cutting, sealing and modelling
 - Working time about 60 minutes



SC3000 Spares

- Soldering Head with catalyst **A** [SC3000/10](#)
- Standard tip **B** [SC3000/21](#)
- Diagonal tip 3mm **C** [SC3000/22](#)
- Chisel tip 3.5mm **D** [SC3000/23](#)
- Hot Knife **E** [SC3000/32](#)
- Hot blower 4mm **F** [SC3000/42](#)
- Reflector **G** [SC3000/52](#)

Butane Gas Micro Torch System SC0790

- For hand held or bench top use
- Electronic instant ignition system
- Anti-flaring
- Adjustable flame
- Max temperature 1300° C (2370° F)
- Working time about 60 - 90 minutes
- Optional accessories available to transform usage



- Hot Blower Head - Open flame 17mm
- Hot air temp approx 700° C (1300° F)
- C** [SC0790/51A](#)
- Hot Blower Head - flameless 4mm
- D** [SC0790/41](#)



• Heat Reflector [SC0790/51B](#)



• Soldering Head, flameless
• Temp approx 400° C (750° F)
[SC0790/11](#)



Battery Star SC45 / 4.5v-6w SC4500

- 4.5V / 6w mobile battery operated soldering iron
- Indispensable for soldering jobs 'on-the-move'
- Runs off 3 AA batteries (not included)
- Very short pre-heating time
- Optimal heating power to the tip with integrated heating element
- Replaceable bits

Spare Bits

- A** [SC4500/1](#)
- B** [SC4500/3](#)



Pyrography

An introduction to Pyrography

Pyrography means "writing with fire" and is the traditional art of using a heated tip or wire to burn or scorch designs onto natural materials such as wood or leather. Burning can be done by means of a modern solid point tool (similar to a soldering iron).



Pyrography Craft Set

• A comprehensive wooden boxed set containing all you need to enjoy this fascinating hobby.

Kit Includes:

- Pyrography iron - 220-240V / 50-60 Hz,
- Power 26W
- 5 tips
- Iron stand
- Operating manual
- Wooden Craft Box
- Metal tray for tips
- 4 sheets sanding paper
- 'Crash Course' instructions
- Stencils
- Cleaning brush
- Screwdriver
- Tweezer

SL2026

Pyrography Plus - Multifunction Unit

• A truly multi-purpose kit which can be used for a range of applications including Pyrography, Soldering, Wax Modelling etc

Kit Includes:

- Temperature Controlled Multistation
- 24V / 20W iron
- 14tips
- Operating manual
- Iron stand
- Technical Specification: Station measurement - L x W x H 95 x 155 x 60mm
- Electronic temperature adjustment
- Stepless adjustment from 50 to 500 degrees C

SL2010



Pyrography Iron + 6 Bits

Kit Includes:

- 220-240V / 50-60 Hz Pyrography Iron
- Power 30W
- 6 externally heated tips for varying line shapes
- Iron stand
- Operating manual

SL2030

An introduction to Rotacraft

Rotacraft offers an excellent range of precision tool kits - 12 volt, 230 volt and Cordless, suitable for the beginner, the enthusiast and the professional user. The tools are supported by a wide range of attachments and accessories ideal for modelling, electronics, general household DIY, craft work, antique repair & restoration, engraving, jewellery making plus a variety of other precision tasks. (Rotacraft is available with UK & EU mains plugs)

12 Volt Power Tools

These tools are powered by permanent magnet direct current motors that operate from transformers with outputs up to 18 volts. The combination of a DC motor and a transformer has a number of advantages:

- Low voltage for extra safety
- Smaller tools as the motors are smaller and lighter
- Ample power for small, detailed tasks

12 VOLT SETS

Ideal for smaller detailed tasks where close up control is important



Mini Rotary Tool kit

This is an excellent starter kit

Features:

- Single Speed 12 volt compact rotary tool with plug-in transformer
- 18,000 rpm • 2.4m of cables (tool & transformer cables combined)
- 44 various accessories incl.collets 1, 2.35, 3, 3.2mm
- Attractive aluminium carry and storage case

RC12



Mini Variable Speed Rotary Tool kit

Compact variable speed for a wider range of uses
Features:

- Speeds 0-18,000 rpm
- Plug-in transformer
- 3 grip positions - palm, pistol & pencil
- 50 various accessories incl. collets 1, 2.35, 3, 3.2mm
- Attractive aluminium carry and storage case

RC12VS

12 Volt Sets (Continued)



RC18 Variable Speed Rotary tool kit

Pen style for extra close-up control

Features:

- Pen-like 12-18v Rotary tool + transformer
- In-built speed control 8000-18000 rpm
- 4m of cables (tool & transformer cables combined)
- 60 various accessories Inc. collets 1, 2.35, 3, 3.2mm
- Attractive aluminium carry and storage case

RC18



Cordless Tool Set

Cordless Power Tool

The cordless rotary tool is a must for every tool box, giving unrestricted mobility and versatility. Rotacraft offers a 9.6v variable speed version to cater for the lighter as well as heavier user. With up to 60 minutes usage between charges, the cordless rotary tool is excellent for field use or where mains power is inaccessible. The compact size means that work can be carried out in tight spaces where larger tools will not reach.

Ideal for tasks where freedom and flexibility are required



Variable Speed Cordless rotary tool

Extra power, variable speed and LED light for close-up work

Features:

- 9.6v, variable speed - 6000 - 25000 rpm
- 2 grip positions - pen & pistol
- 3 hour charge - up to 60 minutes usage
- 100 various accessories including collets 1, 2.35, 3, 3.2mm
- Additional LED spotlight feature for lighting dark areas
- Attractive aluminium carry and storage case

RC09



9.6V Ni - Cd re-chargeable battery

- Spare battery for RC09 Cordless tool

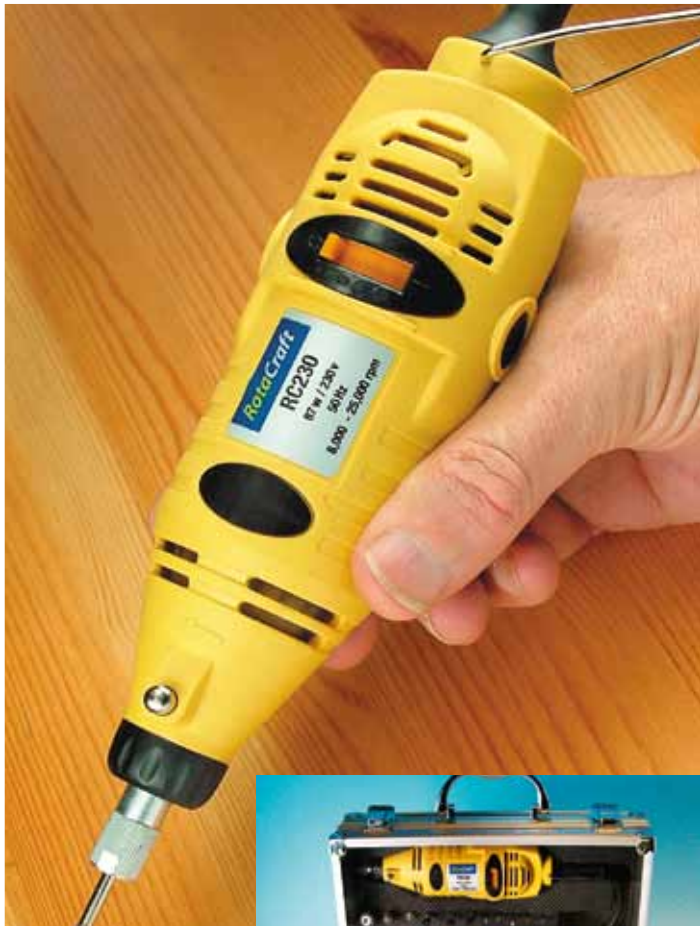
RC09/B

230 Volt Power Tools

The 230 volt rotary tools, with extra power and torque, broaden the applications to include DIY and light engineering jobs, to more professional applications. The combination of variable speed, high power and compact design increases the versatility

de-burring, cutting screws and bolts • Close up work on many materials such as woods, metals, stone, plastics • Detailed, intricate tasks eg, Model building, craft work, jewellery making

Ideal for tasks where both power and precision are required



Rotary Tool Kit

A combination of 230v power & variable speed

Features:

- Speeds 8,000 to 25,000 rpm
- 2 Grip positions – pen & palm
- 100 various accessories including collets 1, 2.35, 3, 3.2mm
- Attractive aluminium carry and storage case
- 1.8m cable length

RC230



Rotary Tool & Flexi Drive set

Power, precision & close-up control

Features:

- 230v Variable speed rotary tool, 8000-25000 rpm
- 2 grip positions – pen & palm
- Flexi-drive & hanging stand for conversion into a hanging motor
- 100 accessories including collets 1, 2.35, 3, 3.2mm
- Attractive aluminium carry & storage case
- 1.8m cable

RC230X

230 VOLT TOOL SETS (Continued)

READY TO USE

Ideal for tasks where both power and precision are required



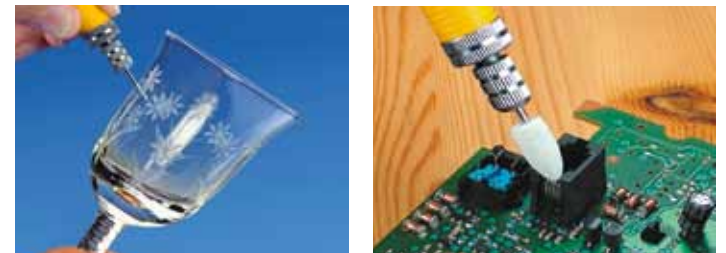
High Power LCD Rotary Tool Kit

High power and exact digital speed settings

- Features:
- 230v Variable speed rotary tool
 - Button LCD speed control, 8000-35000 rpm
 - 3 grip positions – pen, pistol, palm
 - 100 accessories including collets 1, 2.35, 3, 3.2mm
 - Attractive aluminium carry & storage case
 - 1.8m cable



RC250



Slim-line Engraving & Rotary Tool Kit

Slimline for extra control when doing intricate, detailing tasks

- Features:
- Variable speed 230V slim-line rotary tool, 3,000 to 13,000 rpm
 - 2 grip positions – pen, palm
 - 75 accessories including collets 1, 2.35, 3, 3.2mm
 - Aluminium carry & storage case
 - 1.8m cable

RC200X

DRILL ATTACHMENTS & COLLETS



ATTACHMENTS		SUITABLE FOR
RC8230	C Telescopic Hanging Stand	RC230, RC230X, RC250, RC09
RC8231	A Flexible Drive Shaft	RC230, RC230X, RC250, RC09
RC8232	B Keyless Chuck 0-3.2mm	RC230, RC230X, RC250, RC09

D COLLETS (Sets of 4)		SUITABLE FOR
RC0709/CS	1.0, 2.35, 3.0, 3.2 mm	RC07, RC09, RC12, RC12VS, RC18, RC230
RC200/CS	1.0, 2.35, 3.0, 3.2 mm	RC200X
RC250/CS	1.0, 2.35, 3.0, 3.2 mm	RC250

Super value accessories to fit all makes of mini rotary tools

They are ideal for hobby, electronics, craft, restoration, renovation and smaller DIY jobs. The accessories are the business end of the electric tool and the comprehensive Rotacraft range covers a wide variety of tasks including: cutting & grinding, drilling, engraving, cleaning & polishing, sanding & shaping, carving & milling



Cutting & Grinding

- Carborundum slitting discs for cutting screws, bolts, nails, wire, chain & plastics
- HSS mini saw wheels for cutting wood and plastics
- Diamond mini saw wheels for cutting thin hard metals & soft metals
- Grinding wheels & stones for deburring and general grinding tasks on metal, stone, wood and plastics. Also for sharpening work on metal.
- Milling cutters for a variety of hollowing, carving, shaping and engraving work on wood, metals and plastics.



Cleaning & Polishing

- Cleaning – steel, brass, goat hair wire brushes for de-rusting, paint removal and other cleaning tasks on metals
- Polishing – Felt, wool, cotton and silicone for polishing and buffing on metals, glass, marble, ceramics and other stones



Engraving

- Diamond engraving bits for precision engraving on ceramics, metal and glass. Also Alpha-numeric engraving stencil.



Drilling

- A full range of fine and superfine HSS drill bits for precision drilling work in wood, metals and plastics



Sanding & Shaping

- Sanding accessories for effective material removal and shaping on wood, plastics, stones and metals

CUTTING & GRINDING

RAB1500/S	3 RUBBER ABRASIVE WHEELS & ARBOR
RAB5167/5	5 38MM CARBORUNDUM CUTTING DISCS
RAB5209/10	10 22MM CARBORUNDUM CUTTING DISCS
RMS0280/A	3 BLUE MOUNTED ABRASIVE STONES
RMS0725/A	3 WHITE MOUNTED ABRASIVE STONES
RSA7004/S	3 DIAMOND SAWS + MANDREL
RSA2102/S	3 FINE CUTTING SAWS + MANDREL
RSA2102/15	2 15MM FINE CUTTING SAWS
RSA2102/19	2 19MM FINE CUTTING SAWS
RSA2102/22	2 22MM FINE CUTTING SAWS
RFR6016/3	3 1.6MM PRECISION BURS
RFR6023/3	3 2.3MM PRECISION BURS
RAR1304	3 SCREW TOP MANDRELS (ARBORS)

DRILL BITS

RDR2346/A	6 2.35MM SHANK DRILLS ASSTD
RDR2343/05	3 2.35MM SHANK DRILLS - .5MM
RDR2343/06	3 2.35MM SHANK DRILLS - .6MM
RDR2343/08	3 2.35MM SHANK DRILLS - .8MM
RDR2343/10	3 2.35MM SHANK DRILLS - 1.0MM
RDR2343/12	3 2.35MM SHANK DRILLS - 1.2MM
RDR2343/15	3 2.35MM SHANK DRILLS - 1.5MM
RDR2343/18	3 2.35MM SHANK DRILLS - 1.8MM
RDR2343/20	3 2.35MM SHANK DRILLS - 2.0MM
RDR1905/03	5 HSS JOBBERS DRILLS - 0.3MM
RDR1905/04	5 HSS JOBBERS DRILLS - 0.4MM
RDR1905/05	5 HSS JOBBERS DRILLS - 0.5MM
RDR1905/06	5 HSS JOBBERS DRILLS - 0.6MM
RDR1905/07	5 HSS JOBBERS DRILLS - 0.7MM
RDR1905/08	5 HSS JOBBERS DRILLS - 0.8MM
RDR1905/09	5 HSS JOBBERS DRILLS - 0.9MM
RDR1905/10	5 HSS JOBBERS DRILLS - 1.0MM
RDR1905/12	5 HSS JOBBERS DRILLS - 1.2MM
RDR1905/15	5 HSS JOBBERS DRILLS - 1.5MM
RDR1905/18	5 HSS JOBBERS DRILLS - 1.8MM
RDR1905/20	5 HSS JOBBERS DRILLS - 2.0MM
RDR4001	MICROBOX DRILL SET (20) 0.3-1.6mm
RDR4004	MICROBOX DRILL SET (20) No. 61-80
RDR4005	MICROBOX DRILL SET (10) 2.35mm shank 0.5-2.2mm

ENGRAVING

RFR6201/3	3 DIAMOND BURS (ROUND)
RFR6202/3	3 DIAMOND BURS (ASSTD)
RFR6200	20 DIAMOND BIT SET
RC8233	PLASTIC ALPHA-NUMERIC STENCIL

CLEANING & POLISHING

RBF8019/2	2 COTTON BUFFS
RBF8119/2	2 CHAMOIS BUFFS
RBF8225/2	2 CALICO BUFFS 25MM
RBF8322/2	2 3 FOLD FELT BUFFS
RBF8422/2	2 SOLID FELT WHEEL BUFFS
RBF8522/2	2 KNIFE-EDGE FELT WHEEL BUFFS
RBF9000/S	3 ASSTD MOUNTED FELT BUFFS-small
RBF9000/L	3 ASSTD MOUNTED FELT BUFFS-large
RBU2700	3 ASSTD STEEL BRUSHES
RBU2900	3 ASSTD BRASS BRUSHES
RBU2521/3	3 GOAT HAIR WHEEL BRUSHES
RBU2721/3	3 STEEL WHEEL BRUSHES
RBU2921/3	3 BRASS WHEEL BRUSHES
RBU4610/3	3STEEL CUP BRUSHES
RBU4810/3	3 BRASS CUP BRUSHES
RBU6647/3	3 STEEL PENCIL BRUSHES
RBU6847/3	3 BRASS PENCIL BRUSHES

SANDING & SHAPING

RAB8312/10	10 SANDING BANDS - COARSE
RAB8324/10	10 MEDIUM SANDING BANDS
RAB8332/10	10 FINE SANDING BANDS
RAB8312/S	SANDING DRUM AND 5 BANDS - COARSE
RAB8324/S	SANDING DRUM AND 5 BANDS - MEDIUM
RAB8332/S	SANDING DRUM AND 5 BANDS - FINE
RAB3240	FLAP SANDER,240G,30X10X3.2mm
RAB3120	FLAP SANDER,120G,30X10X3.2mm
RAB3080	FLAP SANDER,80G,30X10X3.2mm
RAB1320	FLAP SANDER,320G,15X5X2.35mm
RAB1240	FLAP SANDER,240G,15X5X2.35mm
RAB1120	FLAP SANDER,120G,15X5X2.35mm
RAB8300	RUBBER PAD+5CRSE/5FINE SANDING DISCS
RAB8301/C	10 COARSE SANDING DISCS
RAB8301/F	10 FINE SANDING DISCS

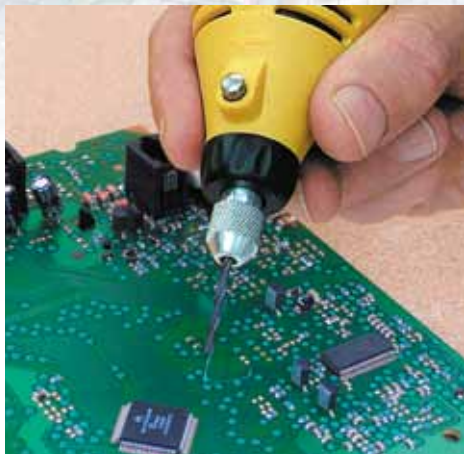
Excellent value accessory sets covering a wide range of activities & tasks



25 Piece Sanding & Shaping set

- Rotary tool accessories to fit all mini rotary tools
- Shaft diameters 2.35mm & 3.2mm
- Includes Flap sanders, Sander bands and sanding discs for various material removal and renovation on smaller work pieces

RC9001



30 Piece HSS Mini Drill Bit Set

- High Speed steel mini drill bits to fit all mini rotary tools
- Includes sizes: 0.5, 0.6, 0.8, 1.0, 1.2, 1.5, 1.8, 2.0, 2.35, 3.0 mm diameter

RC9003



60 Piece Cutting & Grinding Set

- Rotary tool accessories to fit all mini rotary tools
- Shaft diameters 2.35mm & 3.2mm
- Includes grinding stones & wheels, reinforced cutting discs, carborundum slitting discs, mini steel circular saw blades and diamond cutting blades.
- Ideal for various cutting and preparatory tasks on smaller workpieces

RC9005



30 Piece Cleaning & Polishing set

- Rotary tool accessories to fit all mini rotary tools
- Shaft diameters 2.35mm & 3.2mm
- Includes Wire & nylon brushes, felt & cotton buffs and sander bands for effective cleaning and polishing of small work pieces

RC9002



24 Piece HSS Carving & Milling set

- High Speed steel mini carving & milling burrs to fit all mini rotary tools (shaft 3.2mm diameter)
- Includes various shapes, round, cone, taper and cylinder for use on wood, plastics, stone, glass and various metals

RC9004



30 Piece Diamond Engraving bit set

- Rotary tool accessories to fit all mini rotary tools
- Shaft diameter 3.2mm
- Includes various shapes, round, cone, taper, flame and cylinder for craft or security engraving on glass, metals, stone and plastics

RC9006



Great Value General Purpose Accessory Set

Rotacraft offers a general purpose accessory set packed full of useful bits for modelling, restoration, renovation, repairs, electronics, craft and smaller DIY tasks

400 Piece Rotary Tool Accessory set in handy case

- 400 various mini accessories for use with all Mini Rotary tools
- Shaft diameter upto 3.2mm
- Includes accessory listing & usage details with recommended maximum speeds
- Packed in handy carry and storage case which can be refilled



LightCraft

Lighting & Magnification Solutions

An excellent range of magnifier & task lamps, headband magnifiers and light boxes for close-up detailed work in the home, studio or workplace

For more details please visit:
www.light-craft.co.uk

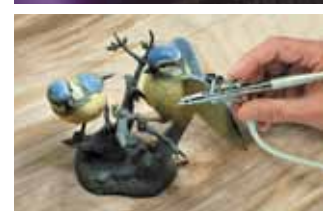


SprayCraft

The SprayCraft range is a collection of great value airbrushes

The range includes ready-to-use kits and accessories for the beginner as well as the enthusiast. From easy to use single action broad stroke to dual action detailed airbrushing SprayCraft offers the right solution.

For more details please visit:
www.spray-craft.com



SHESTO

Shesto Limited
3 Century Court, Tolpits Lane, Watford WD18 9RS, UK
Tel: +44(0)20 8451 6188 Fax: +44(0)20 8451 5450
Email: sales@shesto.co.uk
Website: www.shesto.com

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