

**Zeiss Loupes**

Zeiss Loupes - High Performance Optics

- Zeiss loupes, known for their high performance, top quality optical product
- The diameter of the lens has been specifically chosen for the power of the magnification
- Aplanatic and achromatic lens
- Zero distortion, reflection, shadows or discolouration
- Anti reflective coating
- Reinforced, lightweight polymer frame
- Folding pocket loupes
- Multi lens available (E44194)
- Carl Zeiss vision
- Made in Germany

Dimensions:

- Magnification (lens diameter)
- See additional information for refractive power

**x6 (Ø22mm) Zeiss Loupe**



- Refractive power 24dpt
- Zeiss D24 AR

Code	Description	UOM	Price
E44193	x6 (Ø22mm) Zeiss Loupe	EACH	£45.50

**x6 + x3 (Ø22mm) Zeiss Loupe**



- Double lens
- Has both x6 or x3, combine to make x9
- Refractive power 36dpt (24 and 12 dpt each lens)
- Zeiss D36

Code	Description	UOM	Price
E44194	x6 + x3 (Ø22mm) Zeiss Loupe	EACH	£65.95

**x10 (Ø13mm) Zeiss Loupe**



- Refractive power 40dpt
- Zeiss D40

Code	Description	UOM	Price
E44192	x10 (Ø13mm) Zeiss Loupe	EACH	£49.95

**Regular Loupes, Hexagonal Head**

- 10x or 20x Magnification
- Head diameter: Ø20.5mm
- Chrome, chrome with rubber, gold or black finish
- Triplet style
- Folds away
- Supplied with leather carry case

Size: opened 50mm x 25mm x 22mm

Weight: 65g

**10x Black Loupe**

- Folding
- Ø20.5mm Hexagonal
- 10x Magnification
- Black
- Triplet Style

Code	Description	UOM	Price
E39447	10x Black Loupe	EACH	£5.95

**10x Chrome Loupe**

- Folding
- Ø20.5mm Hexagonal
- 10x Magnification
- Chrome
- Triplet Style

Code	Description	UOM	Price
E8672	10x Chrome Loupe	EACH	£8.50

**10x Chrome with Rubber Loupe**

- Folding
- Ø20.5mm Hexagonal
- 10x Magnification
- Chrome
- Triplet Style
- Textured rubber covering on triplet style circular lens to assist steady grip for inspection. Folds into hexagonal chrome metal case

Code	Description	UOM	Price
E9837	10x Chrome with Rubber Loupe	EACH	£7.50



**10x Gold Loupe**

- Folding
- Ø20.5mm Hexagonal
- 10x Magnification
- Gilt
- Triplet Style



Code	Description	UOM	Price
E8673	10x Gold Loupe	EACH	£8.50

**x20 Chrome Loupe**

- Folding
- Ø25mm hexagonal head
- 20x Magnification
- Chrome
- Triplet Style



Code	Description	UOM	Price
E39449	x20 Chrome Loupe	EACH	£8.75
Price breaks available, see website			

**Regular Loupes, Round Head**

- 10x magnification
- Head Diameter: Ø18mm
- Triplet style
- Chrome, chrome with rubber, gilt or black finish
- Folds away
- Supplied with leather carry case

Size: opened 50mm x 20mm x 20mm

Weight: 45g

**10x Black Loupe**

- Folding
- Ø18mm Round
- 10x Magnification
- Triplet Style
- Black

Code	Description	UOM	Price
E39448	10x Black Loupe	EACH	£4.65

**10x Chrome Loupe**

- Folding
- Ø18mm Round
- 10x Magnification
- Triplet Style
- Chrome

Code	Description	UOM	Price
E8674	10x Chrome Loupe	EACH	£3.95

**10x Chrome with Rubber Loupe**

- Folding
- Ø18mm Round
- 10x Magnification
- Textured rubber covering on triplet style circular lens to assist steady grip for inspection
- Folds into chrome colour metal case

Code	Description	UOM	Price
E31367	10x Chrome with Rubber Loupe	EACH	£5.50

**Online Discounts**

Bradbury's Hallmarking Guide

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### 10x Gold Loupe

- Folding
- Ø18mm Round
- 10x Magnification
- Triplet Style
- Gold colour



Code	Description	UOM	Price
E8675	10x Gold Loupe	EACH	£5.75

### 10x Gold With Rubber Loupe

- Folding
- Ø18mm Round
- 10x Magnification
- Textured rubber covering on triplet style circular lens to assist steady grip for inspection
- Folds into gold colour metal case



Code	Description	UOM	Price
E9836	10x Gold With Rubber Loupe	EACH	£6.95

### 10x Plastic Loupe

- Folding
- Ø16mm Round
- 10x Magnification
- Great value
- Folds into protective aluminium



Code	Description	UOM	Price
E39438	10x Plastic Loupe	EACH	£1.75
Price breaks available, see website			

### Regular Loupes with LED

Ideal for use in any conditions these lighted loupes illuminate the field of view and stones like never before, a perfect light for viewing diamonds and other gemstones.

- Loupes with LED lights (2 or 6 LEDs)
- 10x magnification
- Ø21mm lens
- Triplet lenses
- Switch to turn the lights on and off
- Supplied with a leather storage case

LED loupes use an optical glass magnifier for a better viewing result. This incomparable tool is like a microscope, it can bring the smallest detail into view.

It eliminates one of the main problems one encounters when using a loupe - a lack of light! Proper illumination is as important as magnification for seeing close-in detail.

Dimensions:

- Opened: 85 x 28 x 25mm
- Weight: 65g
- Magnification (Lens diameter Ø)

### 10x (Ø21mm) L.E.D. Loupe

- Loupe with LED Light
- 10 x Magnification
- Precisely examine lustre brilliance, sparkle and reflection.



- 21mm triplet lenses, oxidised surface, supplied with leather pouch.
- Requires 3 x RN371 batteries included in unit when purchased also sold separately

Size: full opened 90mm x 25mm x 25mm

Weight: 60g

Code	Description	UOM	Price
E20211	10x (Ø21mm) L.E.D. Loupe	EACH	£11.95

### 10x (Ø21mm) L.E.D. (Circular) Loupe

- Triplet Lens Ø20.5mm
- 10X True Daylight Magnification
- LED is placed as a "circular" tube around the lens
- Supplied with a leather pouch
- Precisely examine lustre brilliance, sparkle and reflection of gemstones.
- Requires 3 x RN394 batteries included in unit when purchased, also sold separately



Size: full opened 95mm x 28mm x 28mm

Weight: 60g

Code	Description	UOM	Price
E31871	10x (Ø21mm) L.E.D. (Circular) Loupe	EACH	£15.95

### Regular Loupes with LED, Achromatic/Aplanatic

Ideal for use in any conditions these lighted loupes illuminate the field of view and stones like never before, a perfect light for viewing diamonds and other gemstones.

- Loupes with 6 LED lights
- 10x or 14x magnification
- Aplanatic - Corrected for spherical aberrations, for larger field of view from side to side
- Achromatic - Corrected for colour distortions, for true colour viewing
- Switch to turn the lights on and off
- Supplied with a leather storage case
- E44302 & E44301 with additional UV light which detects the fluorescent reaction of diamond
- UV light can be used to judge the colour grading & positioning of stones
- Takes 3 x SZ394MF batteries (included)
- Made in Europe

LED loupes use an optical glass magnifier for a better viewing result. This incomparable tool is like a microscope, it can bring the smallest detail into view.

It eliminates one of the main problems one encounters when using a loupe - a lack of light! Proper illumination is as important as magnification for seeing close-in detail.

Dimensions:

- Magnification (Lens diameter Ø)

### 10x (Ø18mm) Loupe with LED



Code	Description	UOM	Price
E44300	10x (Ø18mm) Loupe with LED	EACH	£21.50

### 10x (Ø18mm) Loupe with LED & UV



Code	Description	UOM	Price
E44302	10x (Ø18mm) Loupe with LED & UV	EACH	£22.95

### 14x (Ø12mm) Loupe with LED & UV



Code	Description	UOM	Price
E44301	14x (Ø12mm) Loupe with LED & UV	EACH	£21.50

### Specialist Loupes

- Gowlands
- Multi magnification
- Triplet on tripod

### Gowlands Jewellers Loupe

- The original Gowlands Eye Loupe, a traditional and best seller used all over the world. (Leather case not included)
- Stainless Steel folds into case
- x8 Magnification
- Made in England



Code	Description	UOM	Price
E50540	Gowlands Jewellers Loupe	EACH	£9.95



**Multiply Magnification Triplet Loupe**



- Compact
- Portable 3 in 1 Loupe
- Triplet Lens
- Satin Finished
- Magnification 10x, 15x and 20x

Why carry three different loupes when you can have all three in one?

Size: opened 90mm x90 mm x 20mm

Weight: 130g

Code	Description	UOM	Price
E20017	Multiply Magnification Triplet Loupe	EACH	£35.95

**Triplet Loupe on Tripod Stand**



- 21mm triplet lense tripod/stand with round legs
- Comes in leather pouch
- From India
- Belgium quality

Excellent table loupe for hands free and comfortable tool to use when examining gemstones, jewellery components, coins, stamps, etc.

- Move items to view with this loupe without lifting off your table, lowers risk of loss.
- The slide action lens can be moved up and down giving you variable focusing options.

Weight: 115g

Size: 50mm x 50mm x 40mm

Code	Description	UOM	Price
E20018	Triplet Loupe on Tripod Stand	EACH	£13.95

**Triplet Loupe**



- 10x magnification
- Head diameter: Ø18mm
- Triplet precision lens
- Aluminium, lightweight
- 9 sided head, excellent grip
- Folds away
- Supplied with leather carry case

Size: opened 50mm x 20mm x 20mm

Weight: 30g

Code	Description	UOM	Price
E39450	Triplet Lens Loupe	EACH	£9.95

**Triplet Loupe, Archromatic/Aplanatic**



These innovative 10 and 20 times magnification, achromatic triplet jewellers' loupes are ideal inspection

eyeglass for professional assessment of diamonds etc. plus inspecting gemstones, watches and many more applications.

- Metal construction, aluminium lens housing, finished in Black
- Top quality 10x18mm Glass Optic Lens
- Aplanatic - Corrected for spherical aberrations, for larger field of view from side to side
- Achromatic - Corrected for colour distortions, for true colour viewing
- Triplet Lens - Three separate lenses bonded together, vastly superior to doublets and single lens magnification
- Powerful precision glass lens brings fine micro-detail into view
- Made with the finest quality optics and with top quality metal cases
- Supplied with leather storage case
- Endorsed by the gemmological institute

Size: opened 50mm x 20mm x 18mm

Weight: 50g

Code	Description	UOM	Price
E9485	x10 Mag Triplet Achromatic / Aplanatic	EACH	£18.95
E9486	x20 Mag Triplet Achromatic / Aplanatic	EACH	£19.95

**Hearts & Arrows Loupe**



Hearts & Arrows Loupe with double round base for small and large stones. For checking the ideal cut of diamonds.

When viewed through this loupe an ideal cut stone will show a symmetrical pattern of hearts and the table side a pattern of arrows.

This instrument is a great sales aid for anyone who sells loose diamonds. By simply looking through this hearts and arrows loupe, your customers will be able to appreciate the perfectly cut diamond.

Info: This unit comes with two coloured filters, red and blue for different effects and one reversible holding plate.

Only if the stone has the desirable 'brilliant cut' can the "hearts and arrows" be seen, demonstrating to you and your customer the quality of the cut.

- Height 65mm
- Width 30mm
- Diameter of black holding disc 30mm
- Thickness 5.5mm
- Light weight plastic construction
- 2 filters, red and blue

Code	Description	UOM	Price
E39603	Hearts & Arrows Loupe	EACH	£4.95

**Jewellers, on Key Chain**



- 5x magnification
- Head diameter: Ø23mm
- Black
- Folds away
- Supplied on key chain
- Never be without it!
- Size when closed: 45 x 35 x 7mm

Code	Description	UOM	Price
E39439	Key Chain Loupe	EACH	£1.95



**Jewellers, Round Head, Multi Lens**



- Multi lens: x5, x10 & x15
- Black finish
- Made in India

Code	Description	UOM	Price
M36253	Ø21mm Multi Lens Loupe	EACH	£1.50

**Loupe Chains**



Loupe chains are available in different metals and chain styles to suit your lens.

- All of our loupe chains will fit any of our loupes and are well suited for sales staff.
- Reduce the chances of losing loupes in a busy workshop/retail environment.
- Always use a loupe to inspect pieces when buying precious metals or checking the quality of newly bought stock.

Attach the loupe to a loupe chain ensuring it is never lost.

- Key ring style coil fitted to attach a jeweller's loupe.
- Easy fit pear end clasp end
- wear round the neck in retail or buying environment (trade fairs, auctions, valuations)
- attach to the bench, counter or pocket ensuring it is always at hand
- Length of loupe chains are perfect to fit around the neck hence available when it is needed.

Sizes:

- Lengths: 38" to 40" (inches) Approx.
- Gold & Steel Colour

Code	Description	UOM	Price
C31916	Snake Chain, Gold Colour	EACH	£3.95
C31915	Snake Chain, Steel	EACH	£3.95
C31914	Rope (style) Chain Ø2.70mm	EACH	£3.95
C31913	Rope (style) Chain Ø3.30mm	EACH	£3.95



**Diamond Testers**

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## Loupe Rope

Attach your loupe to a loupe chain ensuring it is never lost

- Will fit any of our loupes and are well suited for sales staff
- Reduce the chances of losing loupes in a busy workshop/retail environment
- Always use a loupe to inspect pieces when buying precious metals or checking the quality of newly bought stock
- Easy fit pear end clasp end
- Wear round the neck in retail or buying environment (trade fairs, auctions, valuations)
- Attach to the bench, counter or pocket ensuring it is always at hand
- Overall length 50cm



Code	Description	UOM	Price
E39451	Rope for Eye Loupes	EACH	£1.95

## MAGNIFIERS - HAND HELD & BENCH

### Bench & Table Top Magnifiers

Desk Magnifiers with stands

Desk magnifiers are an integral selling appliance for any busy retail jeweller. They are portable and lightweight making it easy to move around the counter between customers. Magnifying customers' jewellery prior to sale is an impressive selling technique, it instils both confidence into the purchase the customer is about to make. Often customers are unfamiliar with using eyeglasses or loupes; ergo these lenses allows customers to view purchases easily and clearly. Never worry about losing eyeglasses again!

- Also used by metal workers for inspection, sculptors, model makers, arts/crafts, coin collectors, stamp collectors, jewellers, silversmiths, embroiders, those in textiles and film rectification.
- 180 ° adjustable spectrum of rotation and release/locking tightening screw for complete flexibility.

### Bench & Table Top Magnifier



- Flexible hose, length 180mm

- Lens Ø89mm
- 2 x Magnification
- Cast iron stand with a plush hammerite finish
- Frame consists of brass with a chrome coating
- 360 x 80 x 80mm
- 850g

Code	Description	UOM	Price
M32983	Bench & Table Top Magnifier	EACH	£11.50

### 10x Magnifier, Ø22mm Lens

- Specifically for gemstones, rings, earrings etc
- Ø22mm lens
- 10x magnification
- Stainless steel base and neck
- 70 x 70 x 150mm (Base width x base length x overall height)
- 610g



Code	Description	UOM	Price
E39446	10x Magnifier, Ø22mm Lens	EACH	£19.95

### Bench & Table Top Magnifier with LED



- A4 bench top magnifier
- 4 LEDs
- 4 spring loaded feet, can be folded away to use by hand or when storing
- Unbreakable acrylic lens
- Lightweight plastic body
- Comes with neck loop for ease of use and transportation

Specifications:

- Lens size 235 x 165mm
- 3x magnification
- 4 LEDs
- 290 x 20 x 105mm (when standing)
- 290 x 200 x 15mm (when folded)

Code	Description	UOM	Price
L44290	A4 Magnifier with LED	EACH	£7.50

### Bench & Table Top Magnifier with LED



- Ø70mm diameter bench top magnifier
- 3 LEDs
- Press illumination (push down to illuminate)
- Glass magnification lens
- Lightweight plastic body
- LED automatic shut off after 10 minutes

- Takes 2 x 2016 batteries (not supplied) (Our code MX2016)

Specifications:

- Lens size Ø70mm
- 3x magnification
- 3 LEDs
- Ø95 x 50mm (overall diameter x height)

Code	Description	UOM	Price
M49294	Illuminated Magnifier with LED	EACH	£13.95

### Hand Held Magnifiers

#### Ø32mm Bi-Aspheric Lens, Black



- High quality polycarbonate bi-aspheric lens.
- Compact 4 x magnifying lens
- Portable and ideally sized to carry in the pocket or wallet when buying or selling on the move.
- Its clever design encompasses a protective cover which separates from the centre enabling the cover to be used as a handle.

Size: full opened 110mm x 40mm x 4mm  
Lens: Diameter 30mm  
Weight: 16g

Code	Description	UOM	Price
M34127	Ø32mm Bi-Aspheric Lens, Black	EACH	£3.60

#### Ø32mm Bi-Aspheric Lens, Blue



- High quality polycarbonate bi-aspheric lens.
- Compact 4 x magnifying lens
- Portable and ideally sized to carry in the pocket or wallet when buying or selling on the move.
- Its clever design encompasses a protective cover which separates from the centre enabling the cover to be used as a handle.

Size: full opened 110mm x 40mm x 4mm  
Lens: Diameter 30mm  
Weight: 16g

Code	Description	UOM	Price
M34128	Ø32mm Bi-Aspheric Lens, Blue	EACH	£3.60

### 45 x 45mm Rectangular Illuminated



Features:

- Magnification 3x
- Glass lens dimensions 45 x 45mm

- Secondary lens magnification (Ø20mm)
- 1 white high power spot LED
- Plastic body – comfortable grip
- Requires 3 x 1130 (included)
- Two step pull out, first step position without LED, second step pull out turns on the LED

Size: 200 x 85 x 20mm  
Weight: 140g

Code	Description	UOM	Price
M40256	45 x 45mm Rectangular Illuminated	EACH	£2.95

## 50 x 50mm Rectangular Illuminated



- Rubber handle
- Ideal for close-up precision work with two way lighting system
- Perfect for jewellery or watch craft renovation etc.

Features:

- Magnification 4x
- Glass lens dimensions 2" x 2" (50mm x 50mm)
- 5 white LED bulbs and 1 high power spot LED
- Rubberised body – comfortable grip
- Requires 2 x AAA batteries (not included Cousins Ref: MN2400)

Size: 200 x 85 x 20mm  
Weight: 140g

Code	Description	UOM	Price
M35288	50 x 50mm Rectangular Illuminated	EACH	£7.95

## 50 x 100mm Rectangular

- Acrylic handle
- Robust
- 3 x magnification
- Aspheric lens size 100mm x 50mm
- Overall length: 155mm
- Weight: 170g



Code	Description	UOM	Price
M34129	50 x 100mm Rectangular	EACH	£7.95

## Ø50mm (2") Round Magnifier

- Bakelite handle
- Ideal for jewellers, watch and clockmakers and hobbyists



Code	Description	UOM	Price
M20122	Ø50mm (2") Round Magnifier	EACH	£2.20

### Display Turntables

See Page 685



## Ø63mm (2.5") Round Magnifier

- Bakelite handle
- Ideal for jewellers, watch and clockmakers and hobbyists



Code	Description	UOM	Price
M20123	Ø63mm (2.5") Round Magnifier	EACH	£2.85

## Ø65mm Round Illuminated

- Blue in colour and comprising 7 x magnification, an excellent inspection tool with combined illumination.
- Twist handle to turn LED on and off
- Pocket size and light weight
- Takes 2 x AAA batteries Not included (MN2400)



Size:

- Lens diameter Ø60mm
- Overall size 190 x 75 x 25mm
- Weight 120g

Code	Description	UOM	Price
M34126	Ø65mm Round Illuminated	EACH	£8.95

## Ø75mm (3") Round Magnifier

- Bakelite handle
- Ideal for jewellers, watch and clockmakers and hobbyists



Code	Description	UOM	Price
M20124	Ø75mm (3") Round Magnifier	EACH	£3.65

## Hands Free Magnifiers with LED



- This newly designed illumination magnifying glass comes with a spotlight.
- This newly-designed illuminated magnifying glass

comes with a spotlight for use where you have poor lighting conditions.

- Special two u shaped bracket stands incorporated on base body enabling hands free operation.
- High grade lens can use for long periods of time observing without eye fatigue.
- With leather carrying case that can be hanged on a belt
- Inspect with precision gemstones jewellery/hall marks watches antiques minerals etc
- Requires 2 AA Batteries code MN1500

Specification:

- Size: 110mm x 30mm x 110mm
- Magnification: x10 (Lens Ø28mm)
- Magnification: x15 (Lens Ø20mm)
- Weight: 100 grams

Code	Description	UOM	Price
E33836	10x Magnifier with Light	EACH	£10.95
E33837	15x Magnifier with Light	EACH	£10.95

## MICROSCOPE (POCKET)

### Pocket Microscope



Eyeglasses - Pocket Microscope

40x Magnification pocket microscope with an aluminium silver anodised body.

- Main body consists of a black plastic eyepiece with an integrated pocket clip.
- Clear acrylic focus stop for light penetration and 2mm x 0.02mm graduated measuring scale.
- Perfect for inspecting gemstones.
- One of the smallest pocket microscopes in the world.

Size: Overall length 120mm x 13mm

Weight: 20g

Code	Description	UOM	Price
M34130	Pocket Microscope 40 x Scale	EACH	£39.95

## MICROSCOPES

### Benchtop with Articulating Arm, Amscope USA



A fantastic package of a microscope that includes a true trinocular 3.5x - 90x zoom microscope on an articulating stand with an 80-LED dimmable ring light

Offering sharp, crystal clear images and great flexibility, it is a perfect inspection microscopy system for the watch/clock maker and repairer and jeweller. With 30mm super widefield, high-eyepoint eyepieces and

reduction Barlow lenses, the microscope gives very large zoom magnification range (26:1) and large working distance (8 inches). The LED ring light provides bright, even and cool illumination.

Microscope specifications:

- 30mm super widefield eye pieces (with included rubber eye guards)
- 3.5x to 90x magnification range (26:1)
- 0.5x Barlow lens included
- 2x Barlow lens included
- 200mm (8 inch working distance), perfect for the repairer
- 80 LED ring light (dimmable to requirement)
- Diopter adjustment +/-5dp
- Interpupillary distance: 55 to 75mm

Features:

- Sharp stereo images over a super widefield view
- High resolution with great flatness and contrast
- Versatile heavy duty articulating arm covering large working area
- Bench clamp for articulating arm
- Arm reach out length 102cm
- 45-Degree Inclined Microscope Head
- Accurate alignment ensuring fatigue-free comfortable observation
- Both ocular tubes with adjustable diopters
- Adjustable interpupillary distance
- Full optical glass elements with precise ground glass lenses
- Manufactured Under ISO 9001 Quality Control Standard
- Excellent 5 year warranty
- Amscope USA

Included:

- Trinocular Zoom Microscope Head
- Pair of Super Widefield High-eyepoint 10X Eyepieces
- 0.5X Barlow Lens
- 2.0X Barlow Lens
- Articulating Arm with a Pillar Clamp
- Focusing Rack
- 144-LED Ring Light
- Ring Light Adapter
- Pair of Eye-guards
- Manual Download

Code	Description	UOM	Price
M48369	Microscope with Articulating Arm	EACH	£765.00

### Benchtop with Articulating Arm & Camera, Amscope USA



A fantastic package of a microscope that includes a true trinocular 3.5x - 90x zoom microscope on an articulating stand, an 80-LED dimmable ring light and a 3 mega pixel high resolution USB2.0 digital camera.

Offering sharp, crystal clear images and great flexibility, it is a perfect inspection microscopy system for the watch/clock maker and repairer and jeweller. With 30mm super widefield, high-eyepoint eyepieces and reduction Barlow lenses, the microscope gives very large zoom magnification range (26:1) and large working distance (8 inches). The LED ring light provides bright, even and cool illumination. The digital camera captures still images and video, and allows you to view a live stream on your PC. With software available for Windows, Mac, and Linux, it's a multi-platform imaging solution. The included Windows software offers

image-development and measurement tools, as well as advanced compositing features such as image-stitching and extended-depth-of-focus. Independent preview and capture resolutions allow you to view high-speed video while capturing high-definition images (for Mac and Linux, there is a lite version with limited processing features).

Microscope specifications:

- 30mm super widefield eye pieces (with included rubber eye guards)
- 3.5x to 90x magnification range (26:1)
- 0.5x Barlow lens included
- 2x Barlow lens included
- 200mm (8 inch working distance), perfect for the repairer
- 80 LED ring light (dimmable to requirement)
- Diopter adjustment +/-5dp
- Interpupillary distance: 55 to 75mm

Camera specifications:

- 3MP USB digital camera captures still images and streams live videos on your computer
- Sensor: Aptina MT9T001
- Sensor Type: CMOS
- Sensor Size: 6.55x4.92mm
- Pixel Size: 3.2
- Resolution: 3.1MP
- Frame Rate: 8 @ 2048 x 1536, 22 @ 1024 x 768 & 43 @ 680 x 510
- Sensitivity: 1.0V/lux-sec
- Compatibility: Windows (32/64 bit) XP/Vista/7/8/10, Mac OSX, Linux

Features:

- Sharp stereo images over a super widefield view
- High resolution with great flatness and contrast
- Versatile heavy duty articulating arm covering large working area
- Bench clamp for articulating arm
- Arm reach out length 102cm
- 45-Degree Inclined Microscope Head
- Accurate alignment ensuring fatigue-free comfortable observation
- Both ocular tubes with adjustable diopters
- Adjustable interpupillary distance
- Full optical glass elements with precise ground glass lenses
- Manufactured Under ISO 9001 Quality Control Standard
- Excellent 5 year warranty
- Amscope USA

Included:

- Trinocular Zoom Microscope Head
- 3 mega pixel high resolution USB2.0 digital camera
- Pair of Super Widefield High-eyepoint 10X Eyepieces
- 0.5X Barlow Lens
- 2.0X Barlow Lens
- Articulating Arm
- Focusing Rack
- 144-LED Ring Light
- Ring Light Adapter
- Pair of Eye-guards
- Manual Download

Code	Description	UOM	Price
M48368	Microscope with Articulating Arm & Camera	EACH	£865.00

### Amscope Accessories & Replacement Parts



Amscope Accessories & Replacement Parts

- Accessories & replacement parts

- For our Amscope microscopes, our codes M48368 & M48368

Code	Description	UOM	Price
M53346	Camera, Digital for Microscope	EACH	£149.95
M53345	80 Led Ring Light	EACH	£64.95

### Benchtop with Digital Display



Microscope - Digital - LCD Display - Up to x500

- Magnification from x10 up to x500
- 75mm colour LCD display
- Up to 40mm platform depth capacity
- Easy one button photo capture (even whilst in video mode)
- Live video feed into a television via VGA cable (supplied)
- Transfer images from microscope to a laptop/ computer via a USB cable (supplied)
- Portable, with rechargeable battery
- 8 White light LED's for illumination
- Supplied with digital users manual (on disc) and portable capture software

Technical specification:

- Still image resolution: 12M, 9M, 5M, 3M, 1.3M VGA
- CMOS image sensor: 5.0 mega pixels
- Shutter speed: 1 sec to 1/1000 sec
- High quality microscopic lens
- Video capture resolution: VGA, QVGA
- Button for image storage in the microscope, with digital zoom x4
- Independent image storage of 32GB (if no computer available)
- Requires Windows XP, VISTA or Windows 7
- Mac 10.6 or later
- 230 x 150 x 110mm

Kit contains:

- LCD digital microscope
- Charger/adaptor
- Li-ion battery (rechargeable)
- USB Cable
- TV Cable
- Quick start guide
- Software CD
- Easy clean screen fabric
- Calibration ruler

Code	Description	UOM	Price
M39115	Digital LCD Microscope	EACH	£169.95



**Mic-Fi Handheld Microscope**



Hand-held Microscope - Wifi Enabled - Mic-Fi

- Take photos or video
- Polarised filter, manages reflection or glare, enhancing the image
- Built in wifi connectivity
- Easily transmit your live images to an ipad, laptop or computer screen
- High quality, vulcanised rubber body
- Hand-held, easy to use and portable
- Can also connect via a USB
- Includes plastic stand for when microscope not in use
- MICFIP
- Designed in Italy

Specifications:

- Magnification from x5 to x200
- 8 LED lights
- 1.3 mega-pixels
- Video resolution: 1280 x 1024, 640 x 480 & 320 x 240
- Up to 30 frames per second
- Wireless up to 5 metres
- Li-on battery, continuous working time 2 hours, full charging time 2 hours
- Focus range 8 to 300mm (manual adjustment)
- High definition microscopy lens
- Weight 88g
- Ø36mm x 142mm
- See PDF for full and detailed specifications

Code	Description	UOM	Price
M42454	Handheld Microscope	EACH	£225.00

**OPTIVISORS**

- A wide range of professions and hobbies choose to use an optivisor including jewellers, watchmakers/repairers, tool die makers, engravers, craftsmen, artists, architects, needle point cross stitchers, sewers and dentists
- A precision instrument that improves vision and will increase your efficiency
- Optivisor lenses are ground and polished to precision ophthalmic standards
- The Optivisor frame is made of light weight, durable impact resistant materials
- The comfortable continuous headband is fully adjustable to fit any size, quickly and easily
- Adjustable pivot knobs hold visor in any position for easy flip-up viewing
- Can be worn over prescription or safety eyeglasses
- Leaves both hands free

How to use the Optivisor

The Optivisor should be worn squarely on the head with the lens plate at the bridge of the nose.

By adjusting the knob at the rear of the unit enough tension can be applied to hold the head band in place.

The adjustable pivots on either side of the visor should be tightened with enough tension to

hold the lens in front of the eyes as well as up out of the path of vision when not in use.

**Bergeon Optivisors**

Bergeon 5381-DA



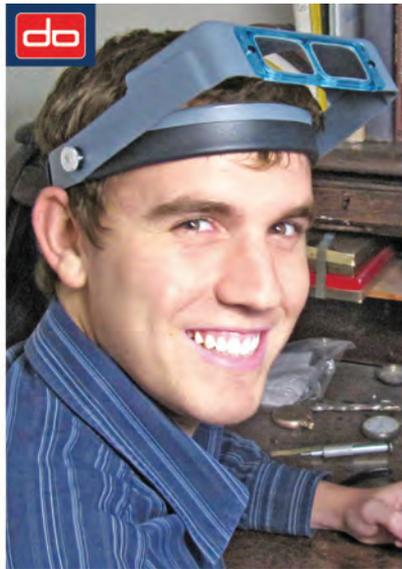
- Swiss Made
- Optivisor Binocular magnifier with adjustable visor
- Headband with instant adjustment
- Felt lined leather frontal band fitting the shape of the head
- The visor can be raised or lowered as required
- Bergeon DA model, glass lenses

Magnification:

- Bergeon 5381-DA02 - Mag x1 ½ @ 51cm (20")
- Bergeon 5381-DA03 - Mag x1 ¾ @ 36cm (14")
- Bergeon 5381-DA05 - Mag x2 ½ @ 23cm (8")
- Bergeon 5381-DA07 - Mag x2 ¾ @ 15cm (6")
- Bergeon 5381-DA10 - Mag x3 ½ @ 12cm (4")

Code	Description	UOM	Price
O1094	No.2 (Mag x1 ½) Optivisor	EACH	£79.95
O1095	No.3 (Mag x1 ¾) Optivisor	EACH	£79.95
O1096	No.5 (Mag x2 ½) Optivisor	EACH	£79.95
O1097	No.7 (Mag x2 ¾) Optivisor	EACH	£79.95
O1098	No.10 (Mag x3 ½) Optivisor	EACH	£79.95
O1093	Opti-Loupe (Mag x2 ½)	EACH	£16.25
O22257	Lens Plate (Mag x2 ¾)	EACH	£34.95
O1099	Lens Plate (Mag x3 ½)	EACH	£34.25

**Donegan Optivisors**



Donegan - Made in USA

- Optical glass prismatic lenses: Ground and polished to precision optical standards""bevel edged and mounted in an interchangeable plastic frame
- Scratch resistant lenses
- It tilts: Adjustable pivots allow the visor to be tilted out of the way when not needed and at your fingertips when you need magnification
- Adjustable headband: Conforms to fit all head sizes""fabricated from a special blend lightweight material. Comfortable when worn for long periods of time.
- High impact visor: Provides a tough, durable, always-new appearance
- Genuine leather comfort band: Padded orthopaedic felt adds to comfort
- Donegan DA model, glass lenses

Donegan optical optivisors are innovatively designed to a high quality and manufactured to precision. Several magnifications and focal lengths cover any requirement you may need

Magnification:

- Donegan No.DA-2 - Mag x1 ½ @ 51cm (20")
- Donegan No.DA-3 - Mag x1 ¾ @ 36cm (14")
- Donegan No.DA-4 - Mag x2 @ 25cm (10")
- Donegan No.DA-5 - Mag x2 ½ @ 20cm (8")
- Donegan No.DA-7 - Mag x2 ¾ @ 15cm (6")
- Donegan No.DA-10 - Mag x3 ½ @ 12cm (4")

Code	Description	UOM	Price
O1100	No.2 (Mag x1 ½) Optivisor	EACH	£39.95
O1101	No.3 (Mag x1 ¾) Optivisor	EACH	£39.95
O1102	No.4 (Mag x2) Optivisor	EACH	£39.95
O1103	No.5 (Mag x2 ½) Optivisor	EACH	£39.95
O1104	No.7 (Mag x2 ¾) Optivisor	EACH	£39.95
O1105	No.10 (Mag x3 ½) Optivisor	EACH	£39.95
O1106	Opti-Loupe (Mag x2 ½)	EACH	£10.85
V52439	Visor Locking Mechanism	EACH	£5.75

**Multi Lens**



Head loupe magnifier which gives expert quality for hands free working.

- Used by Jewellers, silversmiths, model makers, arts/crafts, sculptures, antique collectors/restorers, in electronics, for reading, etc
- Wide single lens meaning both eyes can see naturally
- Can be worn with spectacles and has an adjustable headband for greater comfort
- 300mm focal length for comfortable working posture
- With three interchangeable auxiliary lenses

Magnification:

- Main lens x2
- Auxiliary lens 1, x1.5 (used with mains lens becomes x3.5)
- Auxiliary lens 2, x2.5 (used with mains lens becomes x4.5)
- Auxiliary lens 3, x3.5 (used with mains lens becomes x5.5)

Code	Description	UOM	Price
O40252	Multiple Lens Optivisor	EACH	£6.95

**PRICE PROMISE GUARANTEE** ✓

**Daylight Bench Lamps**

See Page 923



## Multi Lens with LED



LED fully adjustable headband magnifier, with multiple lenses and removable LED light source

- Used by Jewellers, silversmiths, model makers, arts/crafts, sculptures, antique collectors/restorers, in electronics, for reading, etc
- Lens size 89 x 29mm, additional single eye lens Ø29mm
- 2 swivel LEDs within a light source that can be angled up and down to provide the direction of light you require
- Light source is detachable, making the item lighter and providing greater comfort
- Can be worn with spectacles and has an adjustable headband for greater comfort
- 2 interchangeable lenses with one additional lens
- x1.5, x3, x8.5 & x10 all possible

Magnification:

- Main lens x1.5 magnification
- Auxiliary lens x1.5 magnification (used with main lens becomes x3)
- Additional single eye lens, x7 magnification (used with main lens becomes x8.5, used with main lens and auxiliary lens becomes x10)

Code	Description	UOM	Price
O40253	Multiple Lens Optivisor with LED Light	EACH	£6.95

## Multi Lens with LED, Light Tec



LED illuminated head loupe magnifier which gives expert quality for hands free working.

- Used by Jewellers, silversmiths, model makers arts/crafts, sculptures, antique collectors/restores, electronics, reading, etc
- Removable adjustable illumination angle, up and down 60° and 50° side to side
- Can be worn with spectacles and has an adjustable headband for greater comfort and integral visor to cut out ambient light.
- With four interchangeable lenses supplied with their own storage case and cleaning cloth. The lenses stay firmly in position when raised or lowered, leaving both hands free to work. Lenses are protected with surface strength treatment.
- 3 x AAA (MN2400) Batteries (supplied)

Specification: Magnification x Focal Distance

- x1.2 @ 520 to 620mm
- x1.8 @ 230 to 320mm
- x2.5 @ 150 to 250mm
- x3.5 @ 80 to 120mm

Weight: 560 grams

Code	Description	UOM	Price
O36654	LED Headband Magnifier	EACH	£18.95

## FILES



Vallorbe Swiss Files:

Accuracy performance and long life are what a professional demands from a file. To be a real professional means to achieve precision within a fraction of a millimetre. At such a level precision you need an irreproachable tool a "deep hardened" file plus some more "production recipes" born from experience.

Since 1899 century of experience professionals around the world have selected this same brand. A brand of the Vallorbe group, a group which has been made the world leader by the professionals.

Precision engineering, watch making, makes of the finest jewelery, and the demanding industry and craft appreciate the efficiency the precision and long life of our tools.

Ready for efficient and long lasting use. The qualities of a tool preferred by the professional are also useful for the amateur. A high performance tool establishes and guarantees the reputation of the professional but also gives pleasure to the amateur.

The file is often considered to be a commonplace tool, but it will last for a long time and deserves to be cared for by cleaning it from time to time therefore lengthening its life.

## CERAMIC FIBRE FILES

Ceramic Fibre Files - Vallorbe Swiss

These miniature tools are the perfect solution for de-burring or polishing the smallest, most unreachable areas, including jewellery mounts and watch bracelets for instance.

Made of new composite material encompassing ceramic fibres in a very hard thermoset resin, which is virtually unbreakable, they have a long service life. Fully usable, they do not break, crack or burr. The point can be shaped to match the target area using a wheel or any other diamond-coated tool. Flexible and resilient, Vallorbe ceramic fibre files do not leave a single scratch on the work piece because the tool does not form any abrasive particles, enabling a uniform finish.

- Pillar, Round or Square
- 180 (extra, extra coarse) to 3000 (extra, extra

fine) grit available (the higher the grit, the finer the file)

- Multiple sizes & grits
- Use and finish by hand with our comfortable hand-held pen file holders
- These holders will insure that the handling is easy and your work will be completely accurate
- A favourite with platinum, gold and silver mounters in the Jewellery/watch making industry
- Uniform surface finish
- Using lubricant increases polishing efficiency
- Tips can be shaped to fit the targeted area (with grinding wheels or diamond coated tools)
- Enhanced service life
- The ultimate in high class finishing for your products
- Excellent performance for material under 57 HRC

## Pillar Ceramic Fibre Files



Vallorbe Swiss - Ceramic Fibre Files

Stone Holders:

- Pillar (2mm wide) = S48919
- Pillar (4mm wide) = S48920

Stone Lengths:

- Pillar (2mm wide) = 100mm
- Pillar (4mm wide) = 100mm

Grit Value Examples:

- 180 grit: For removing uneven metal casting mark flash marks, scratches etc.
- 300 grit: Smoothing/levelling the metal
- 800 grit: Semi shine lustre look
- 1200 grit: Polished finish
- 3000 grit: Super high lustre, mirror polish finish

Dimensions: Width x Thickness x Grit

Code	Description	UOM	Price
S48919	File Holder (Pillar 2.00mm)	EACH	£7.50
S48920	File Holder (Pillar 4.00mm)	EACH	£9.50
S48857	Pillar (2.00 x 0.50mm), 300 Grit	EACH	£6.25
S48858	Pillar (2.00 x 0.50mm), 400 Grit	EACH	£6.25
S48859	Pillar (2.00 x 0.50mm), 600 Grit	EACH	£6.25
S48860	Pillar (2.00 x 0.50mm), 800 Grit	EACH	£6.25
S48861	Pillar (2.00 x 0.50mm), 1000 Grit	EACH	£6.25
S48862	Pillar (2.00 x 0.50mm), 1200 Grit	EACH	£6.25
S48863	Pillar (2.00 x 1.00mm), 120 Grit	EACH	£6.25
S48864	Pillar (2.00 x 1.00mm), 220 Grit	EACH	£6.25
S48865	Pillar (2.00 x 1.00mm), 300 Grit	EACH	£6.25
S48866	Pillar (2.00 x 1.00mm), 400 Grit	EACH	£6.25
S48867	Pillar (2.00 x 1.00mm), 600 Grit	EACH	£6.25
S48868	Pillar (2.00 x 1.00mm), 800 Grit	EACH	£6.25
S48869	Pillar (2.00 x 1.00mm), 1000 Grit	EACH	£6.25
S48870	Pillar (2.00 x 1.00mm), 1200 Grit	EACH	£6.25
S48871	Pillar (2.00 x 1.00mm), 1500 Grit	EACH	£6.25
S48872	Pillar (2.00 x 1.00mm), 2000 Grit	EACH	£6.95
S48873	Pillar (2.00 x 1.00mm), 3000 Grit	EACH	£8.50
S48874	Pillar (4.00 x 0.50mm), 220 Grit	EACH	£9.95
S48875	Pillar (4.00 x 0.50mm), 300 Grit	EACH	£9.95
S48876	Pillar (4.00 x 0.50mm), 400 Grit	EACH	£9.95
S48877	Pillar (4.00 x 0.50mm), 600 Grit	EACH	£9.95

S48878	Pillar (4.00 x 0.50mm), 800 Grit	EACH	£9.95
S48879	Pillar (4.00 x 0.50mm), 1000 Grit	EACH	£9.95
S48880	Pillar (4.00 x 0.50mm), 1200 Grit	EACH	£9.95
S48881	Pillar (4.00 x 1.00mm), 120 Grit	EACH	£11.95
S48882	Pillar (4.00 x 1.00mm), 220 Grit	EACH	£11.95
S48883	Pillar (4.00 x 1.00mm), 300 Grit	EACH	£11.95
S48884	Pillar (4.00 x 1.00mm), 400 Grit	EACH	£11.95
S48885	Pillar (4.00 x 1.00mm), 600 Grit	EACH	£11.95
S48886	Pillar (4.00 x 1.00mm), 800 Grit	EACH	£11.95
S48887	Pillar (4.00 x 1.00mm), 1000 Grit	EACH	£11.95
S48888	Pillar (4.00 x 1.00mm), 1200 Grit	EACH	£11.95
S48889	Pillar (4.00 x 1.00mm), 1500 Grit	EACH	£11.95

**Round Ceramic Fibre Files**



Vallorbe Swiss - Ceramic Fibre Files

- Stone Holders:
- Round (Ø2.34mm) = S48917
  - Round (Ø3.00mm) = S48918

- Stone Lengths:
- Round (Ø2.34mm) = 50mm
  - Round (Ø3.00mm) = 50mm

- Grit Value Examples:
- 180 grit: For removing uneven metal casting mark flash marks, scratches etc.
  - 300 grit: Smoothing/levelling the metal
  - 800 grit: Semi shine lustre look
  - 1200 grit: Polished finish
  - 3000 grit: Super high lustre, mirror polish finish

Code	Description	UOM	Price
S48917	File Holder (Round Ø2.34mm)	EACH	£13.95
S48918	File Holder (Round Ø3.00mm)	EACH	£14.95
S48890	Round (Ø2.34mm), 220 Grit	EACH	£13.25
S48891	Round (Ø2.34mm), 300 Grit	EACH	£11.25
S48892	Round (Ø2.34mm), 400 Grit	EACH	£11.25
S48893	Round (Ø2.34mm), 600 Grit	EACH	£11.25
S48894	Round (Ø2.34mm), 800 Grit	EACH	£11.25
S48895	Round (Ø2.34mm), 1000 Grit	EACH	£11.25
S48896	Round (Ø2.34mm), 1200 Grit	EACH	£11.25
S48897	Round (Ø3.00mm), 220 Grit	EACH	£11.25
S48898	Round (Ø3.00mm), 300 Grit	EACH	£11.25
S48899	Round (Ø3.00mm), 400 Grit	EACH	£11.25
S48900	Round (Ø3.00mm), 600 Grit	EACH	£11.25
S48901	Round (Ø3.00mm), 800 Grit	EACH	£11.25
S48902	Round (Ø3.00mm), 1000 Grit	EACH	£11.25
S48903	Round (Ø3.00mm), 1200 Grit	EACH	£11.25

**Square Ceramic Fibre Files**



Vallorbe Swiss - Ceramic Fibre Files

- Stone Holders:
- Square (0.50 x 0.50mm) = P35556
  - Square (0.90 x 0.90mm) = P35561
  - Square (1.00 x 1.00mm) = S48916

- Stone Lengths:
- Square (0.50 x 0.50mm) = 50mm
  - Square (0.90 x 0.90mm) = 50mm
  - Square (1.00 x 1.00mm) = 100mm

Grit Value Examples:

- 180 grit: For removing uneven metal casting mark flash marks, scratches etc.
- 300 grit: Smoothing/levelling the metal
- 800 grit: Semi shine lustre look
- 1200 grit: Polished finish
- 3000 grit: Super high lustre, mirror polish finish

Code	Description	UOM	Price
P35556	File Holder (Square 0.50mm)	EACH	£8.95
P35561	File Holder (Square 0.90mm)	EACH	£8.95
S48916	File Holder (Square 1.00mm)	EACH	£9.95
P35557	Square (0.50 x 0.50mm), 180 Grit	EACH	£8.20
P35558	Square (0.50 x 0.50mm), 300 Grit	EACH	£8.20
P35559	Square (0.50 x 0.50mm), 800 Grit	EACH	£8.20
P35560	Square (0.50 x 0.50mm), 1200 Grit	EACH	£8.20
P35562	Square (0.90 x 0.90mm), 180 Grit	EACH	£10.85
P35563	Square (0.90 x 0.90mm), 300 Grit	EACH	£10.85
P35564	Square (0.90 x 0.90mm), 800 Grit	EACH	£10.85
P35565	Square (0.90 x 0.90mm), 1200 Grit	EACH	£10.85
S48904	Square (1.00 x 1.00mm), 220 Grit	EACH	£7.95
S48905	Square (1.00 x 1.00mm), 300 Grit	EACH	£7.95
S48906	Square (1.00 x 1.00mm), 400 Grit	EACH	£7.95
S48907	Square (1.00 x 1.00mm), 600 Grit	EACH	£7.95
S48908	Square (1.00 x 1.00mm), 800 Grit	EACH	£7.95
S48909	Square (1.00 x 1.00mm), 1000 Grit	EACH	£7.95
S48910	Square (1.00 x 1.00mm), 1200 Grit	EACH	£7.95
S48911	Square (1.00 x 1.00mm), 1500 Grit	EACH	£7.95
S48912	Square (1.00 x 1.00mm), 2000 Grit	EACH	£7.95
S48913	Square (1.00 x 1.00mm), 3000 Grit	EACH	£7.95

existing mounted abrasives and polishers, giving you flexibility and durability

- Resharpen & re-shape your existing mounted polishers
- Use by lightly touching a rotating mounted polisher against the diamond surface
- Superfine, fine, medium and coarse grits available
- Can be used with stone, plastic, silicon polishers
- Can also be used by hand to shape glass, stone, bone, metal or plastic
- Diamond pad mounted on a colour coded plastic handle
- 50 x 20mm diamond surface
- 150mm overall length
- Freedom USA

Code	Description	UOM	Price
F49475	Superfine ( Grit 1200) Diamond Hone	EACH	£8.90
F49476	Fine (Grit 600) Diamond Hone	EACH	£8.90
F49477	Medium (Grit 400) Diamond Hone	EACH	£8.90
F49478	Coarse (Grit 250) Diamond Hone	EACH	£15.25

Price breaks available, see website

**ESCAPEMENT FILES**



Vallorbe - Swiss Made - Invest in the Best

Escapement or watchmakers files are generally narrower and thinner than standard needle files and are used for the most delicate and precise filing requirements in watch and jewellery making. Escapement files have square handles and are always 140mm long from tip to handle end.

Available up to cut 10 (156 teeth/cm), with sharp edges and an extra slim point, our escapement files are perfectly suited to work requiring a low removal capacity. Perfect for gold, platinum, steel and titanium.

- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001

Cuts are expressed in numbers, they simply get finer as the number rises. Eg: 0=Coarse, 2=Medium, 4=Fine etc.

Dotted outer profiles on images indicate cutting faces.

**DIAMOND HONES**

**Diamond Hones**



Diamond Hones - Freedom USA

These can be used to re-shape and re-sharpen your

**PRICE PROMISE GUARANTEE**

Take the Stress out of Belt Sanding!!!

**FOREDOM**

See Page 985

Take the Stress out of Belt Sanding!!!

**FOREDOM**

See Page 985

**Set (3080, 3092) Vallorbe Swiss**



Vallorbe - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- 6 or 12 Escapement Files of varied and popular types
- Overall length 140mm
- Working length 55mm
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

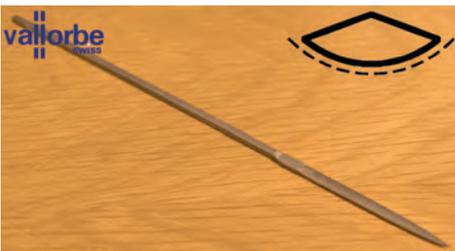
Contains:

- Balance Wheel (3026)
- Barrette (3010)\*
- Barrette Parallel (3011)
- Crossing (3009)
- Equalling (3029)
- Half Round (3008)\*
- Knife (3004)
- Pillar (3017)\*
- Round (3021)\*
- Square (3020)\*
- Triangle (3014)\*
- Warding (3016)

\* set of 6

Code	Description	UOM	Price
LE30924	Set (Cut 4) Vallorbe Swiss	PACK*12	£179.95
LE308010	Set (Cut 10) Vallorbe Swiss	PACK*6	£109.95

**Balance Wheel (3026) Vallorbe Swiss**



Vallorbe 3026 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Overall length 140mm
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
3026354	35mm (Cut 4) 2.9 x 1.2mm	EACH	£13.95
3026356	35mm (Cut 6) 2.9 x 1.2mm	EACH	£14.25
30263510	35mm (Cut 10) 2.9 x 1.2mm	EACH	£23.25



**Barrette (3007) Vallorbe Swiss**



Vallorbe 3007 - Swiss Made - Invest in the Best

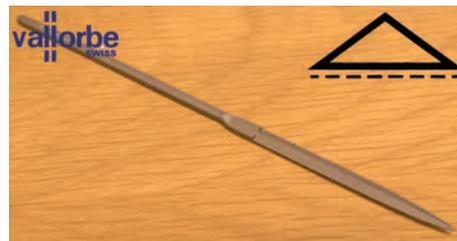
Dimensions: Length x (Cut) x Section in mm

- Overall length 140mm
- 3 cutting sides
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
3007552	55mm (Cut 2) 4.5 x 1.3mm	EACH	£19.75
3007554	55mm (Cut 4) 4.5 x 1.3mm	EACH	£22.25

**Barrette (3010) Vallorbe Swiss, Safety Back**



Vallorbe 3010 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Overall length 140mm
- 1 Side Cutting
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
3010400	40mm (Cut 0) 3.7 x 1.3mm	EACH	£12.95
3010402	40mm (Cut 2) 3.7 x 1.3mm	EACH	£11.75
3010404	40mm (Cut 4) 3.7 x 1.3mm	EACH	£11.95
3010406	40mm (Cut 6) 3.7 x 1.3mm	EACH	£18.95
3010408	40mm (Cut 8) 3.7 x 1.3mm	EACH	£19.95
3010550	55mm (Cut 0) 4.5 x 1.3mm	EACH	£11.95
3010552	55mm (Cut 2) 4.5 x 1.3mm	EACH	£11.85
3010554	55mm (Cut 4) 4.5 x 1.3mm	EACH	£12.00
3010556	55mm (Cut 6) 4.5 x 1.3mm	EACH	£12.10
3010558	55mm (Cut 8) 4.5 x 1.3mm	EACH	£13.80
30105510	55mm (Cut 10) 4.5 x 1.3mm	EACH	£20.25

**Barrette (3011) Vallorbe Swiss, Parallel**



Vallorbe 3011 - Swiss Made - Invest in the Best

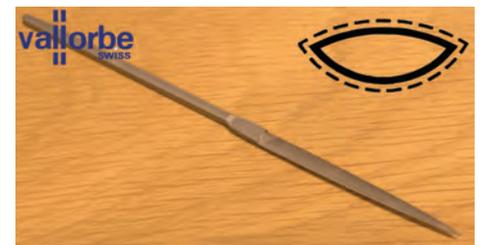
Dimensions: Length x (Cut) x Section in mm

- Overall length 140mm
- 1 Side Cutting
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
3011482	48mm (Cut 2) 4.1 x 1.2mm	EACH	£11.95
3011484	48mm (Cut 4) 4.1 x 1.2mm	EACH	£11.95
3011486	48mm (Cut 6) 4.1 x 1.2mm	EACH	£14.25

**Crossing (3009) Vallorbe Swiss**



Vallorbe 3009 - Swiss Made - Invest in the Best

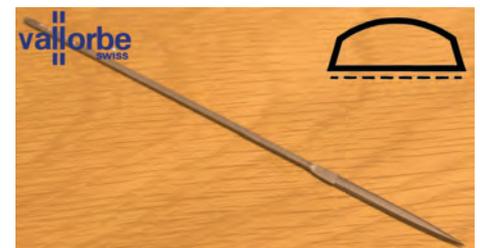
Dimensions: Length x (Cut) x Section in mm

- Overall length 140mm
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
3009402	40mm (Cut 2) 3.7 x 1.4mm	EACH	£15.70
3009404	40mm (Cut 4) 3.7 x 1.4mm	EACH	£14.40
3009406	40mm (Cut 6) 3.7 x 1.4mm	EACH	£15.95
3009408	40mm (Cut 8) 3.7 x 1.4mm	EACH	£16.50
3009552	55mm (Cut 2) 4.8 x 1.6mm	EACH	£15.70
3009554	55mm (Cut 4) 4.8 x 1.6mm	EACH	£12.95
3009556	55mm (Cut 6) 4.8 x 1.6mm	EACH	£13.95
3009558	55mm (Cut 8) 4.8 x 1.6mm	EACH	£17.95
30095510	55mm (Cut 10) 4.8 x 1.6mm	EACH	£29.95

**Dovetail (3001) Vallorbe Swiss**



Vallorbe 3001 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm



Take the Stress out of Disc Sanding!!!



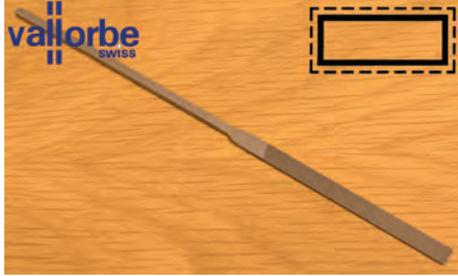
See Page 985

- Overall length 140mm
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
3001354	35mm (Cut 4) 3.0 x 1.0mm	EACH	£12.50
3001356	35mm (Cut 6) 3.0 x 1.0mm	EACH	£12.95

### Equalling (3029) Vallorbe Swiss



Vallorbe 3029 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Overall length 140mm
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
3029552	55mm (Cut 2) 4.7 x 0.7mm	EACH	£11.75
3029554	55mm (Cut 4) 4.7 x 0.7mm	EACH	£11.95
3029556	55mm (Cut 6) 4.7 x 0.7mm	EACH	£13.95

### Half Round (3008) Vallorbe Swiss



Vallorbe 3008 - Swiss Made - Invest in the Best

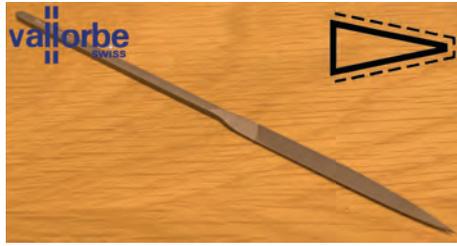
Dimensions: Length x (Cut) x Section in mm

- Overall length 140mm
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
3008402	40mm (Cut 2) 3.8 x 1.4mm	EACH	£11.95
3008404	40mm (Cut 4) 3.8 x 1.4mm	EACH	£13.95
3008406	40mm (Cut 6) 3.8 x 1.4mm	EACH	£17.85
3008408	40mm (Cut 8) 3.8 x 1.4mm	EACH	£18.95
3008552	55mm (Cut 2) 4.6 x 1.6mm	EACH	£13.50
3008554	55mm (Cut 4) 4.6 x 1.6mm	EACH	£13.95
3008556	55mm (Cut 6) 4.6 x 1.6mm	EACH	£15.95
30085510	55mm (Cut 10) 4.6 x 1.6mm	EACH	£28.95

### Knife Edge (3004) Vallorbe Swiss



Vallorbe 3004 - Swiss Made - Invest in the Best

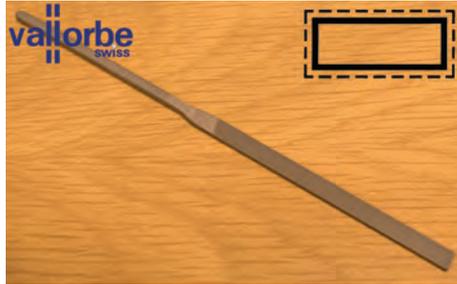
Dimensions: Length x (Cut) x Section in mm

- Overall length 140mm
- All sides cutting
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
3004552	55mm (Cut 2) 5.0 x 1.3mm	EACH	£11.35
3004554	55mm (Cut 4) 5.0 x 1.3mm	EACH	£15.95
3004556	55mm (Cut 6) 5.0 x 1.3mm	EACH	£13.95
3004558	55mm (Cut 8) 5.0 x 1.3mm	EACH	£19.95

### Pillar (3017) Vallorbe Swiss



Vallorbe 3017 - Swiss Made - Invest in the Best

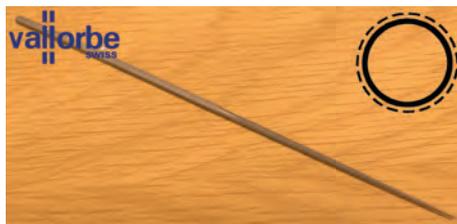
Dimensions: Length x (Cut) x Section in mm

- Overall length 140mm
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
3017552	55mm (Cut 2) 5.0 x 0.9mm	EACH	£10.75
3017554	55mm (Cut 4) 5.0 x 0.9mm	EACH	£11.95
3017556	55mm (Cut 6) 5.0 x 0.9mm	EACH	£11.95
3017558	55mm (Cut 8) 5.0 x 0.9mm	EACH	£12.95
30175510	55mm (Cut 10) 5.0 x 0.9mm	EACH	£21.75
3017652	65mm (Cut 2) 5.0 x 1.3mm	EACH	£12.50
3017654	65mm (Cut 4) 5.0 x 1.3mm	EACH	£13.85
3017656	65mm (Cut 6) 5.0 x 1.3mm	EACH	£15.65
3017658	65mm (Cut 8) 5.0 x 1.3mm	EACH	£16.75

### Round (3021) Vallorbe Swiss



Vallorbe 3021 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Overall length 140mm
- Round or Tapered (Rat Tail)
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
3021550	55mm (Cut 0) Maximum Ø1.50mm	EACH	£10.95
3021552	55mm (Cut 2) Maximum Ø1.50mm	EACH	£8.50
3021554	55mm (Cut 4) Maximum Ø1.50mm	EACH	£8.85
3021556	55mm (Cut 6) Maximum Ø1.50mm	EACH	£10.65
3021558	55mm (Cut 8) Maximum Ø1.50mm	EACH	£12.35
30215510	55mm (Cut 10) Maximum Ø1.5mm	EACH	£15.95
3021650	65mm (Cut 0) Maximum Ø2.0mm	EACH	£12.95
3021652	65mm (Cut 2) Maximum Ø2.0mm	EACH	£8.45
3021653	65mm (Cut 3) Maximum Ø2.0mm	EACH	£10.10
3021658	65mm (Cut 8) Maximum Ø2.0mm	EACH	£11.25

### Rounding Off (3012) Vallorbe Swiss



Vallorbe 3012 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Overall length 140mm
- All sides cutting
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
3012402	40mm (Cut 2) 3.6 x 0.8mm	EACH	£13.75
3012404	40mm (Cut 4) 3.6 x 0.8mm	EACH	£13.95
3012406	40mm (Cut 6) 3.6 x 0.80mm	EACH	£14.60

### Square (3020) Vallorbe Swiss



Vallorbe 3020 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Overall length 140mm
- All sides cutting
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut



For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
3020550	55mm (Cut 0) Maximum 1.7mm	EACH	£12.95
3020552	55mm (Cut 2) Maximum 1.7mm	EACH	£10.95
3020553	55mm (Cut 3) Maximum 1.7mm	EACH	£11.75
3020554	55mm (Cut 4) Maximum 1.7mm	EACH	£13.50
3020555	55mm (Cut 5) Maximum 1.7mm	EACH	£14.50
3020556	55mm (Cut 6) Maximum 1.7mm	EACH	£15.95
3020558	55mm (Cut 8) Maximum 1.7mm	EACH	£16.50
30205510	55mm (Cut 10) Maximum 1.7mm	EACH	£26.85
3020650	65mm (Cut 0) Maximum 1.9mm	EACH	£13.75
3020652	65mm (Cut 2) Maximum 1.9mm	EACH	£11.15
3020654	65mm (Cut 4) Maximum 1.9mm	EACH	£13.65
3020656	65mm (Cut 6) Maximum 1.9mm	EACH	£16.75
3020658	65mm (Cut 8) Maximum 1.9mm	EACH	£17.50

**Triangular (3014) Vallorbe Swiss**



Vallorbe 3014 - Swiss Made - Invest in the Best

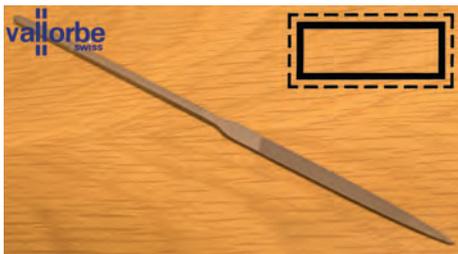
Dimensions: Length x (Cut) x Section in mm

- Overall length 140mm
- All sides cutting
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
3014402	40mm (Cut 2) Maximum 2.8mm	EACH	£11.55
3014406	40mm (Cut 6) Maximum 2.8mm	EACH	£14.50
3014550	55mm (Cut 0) Maximum 3.4mm	EACH	£11.95
3014552	55mm (Cut 2) Maximum 3.4mm	EACH	£10.40
3014554	55mm (Cut 4) Maximum 3.4mm	EACH	£11.40
3014556	55mm (Cut 6) Maximum 3.4mm	EACH	£15.55
3014558	55mm (Cut 8) Maximum 3.4mm	EACH	£15.95
30145510	55mm (Cut 10) Maximum 3.4mm	EACH	£24.95

**Warding (3016) Vallorbe Swiss**



Vallorbe 3016 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Overall length 140mm
- All sides cutting
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut



For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
3016552	55mm (Cut 2) 4.6 x 0.9mm	EACH	£15.25
3016554	55mm (Cut 4) 4.6 x 0.9mm	EACH	£13.95
3016556	55mm (Cut 6) 4.6 x 0.9mm	EACH	£14.95

**Watch Anchor (3015) Vallorbe Swiss**



Vallorbe 3015 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Overall length 140mm
- All sides cutting
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
3015556	55mm (Cut 6) 4.4 x 0.8mm	EACH	£25.85
3015558	55mm (Cut 8) 4.4 x 0.8mm	EACH	£27.75

**HAND FILES "WITH TANG" & SPECIALIST**



Vallorbe - Swiss Made - Invest in the Best

- with Tang
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001

All our files in the following sections and types are of superlative Swiss Vallorbe manufacturer. The quality is unrivalled and the range vast. Selection is only a matter of deciding on type, length-size and cut.

Cuts are expressed in numbers, they simply get finer as the number rises. Eg: 0=Coarse, 2=Medium, 5=Fine etc.

Dotted outer profiles on images indicate cutting faces.

Lengths (excludes Tang):

- 4" = 100mm
- 5" = 125mm
- 6" = 150mm
- 7" = 175mm
- 8" = 200mm
- 10" = 250mm
- 12" = 300mm

For additional sizes please use our Online Support - Products & Stock - New Item Request

**Barrette (1060\*) Cousins Euro, Safety Back**



Cousins Files - EU Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

Barrette files are tapered in width and thickness, coming to a rounded point at the end. Only the flat side is cut, and the other sides are all safe. For doing flat work.

- Swiss Style\*
- Excellent Value
- NC5 Steel (hardness 62 HRC + / - 2)

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
F35278	150mm (Cut 0) 15.00 x 3.40mm	EACH	£9.95
F35279	150mm (Cut 2) 15.00 x 3.40mm	EACH	£12.95
F35280	150mm (Cut 4) 15.00 x 3.40mm	EACH	£14.95

**Barrette (1060) Vallorbe, Safety Back**



Vallorbe 1060 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

Barrette files are tapered in width and thickness, coming to a rounded point at the end. Only the flat side is cut, and the other sides are all safe. For doing flat work.

- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
106042	100mm (Cut 2) 12.4 x 2.6mm	EACH	£15.25
106044	100mm (Cut 4) 12.4 x 2.6mm	EACH	£16.80
106060	150mm (Cut 0) 15.5 x 3.5mm	EACH	£17.30
106062	150mm (Cut 2) 15.5 x 3.5mm	EACH	£17.25
106064	150mm (Cut 4) 15.5 x 3.5mm	EACH	£19.30

**Crochet (1230) Vallorbe Swiss**



Vallorbe 1230 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

Crochet files are tapered in width and gradually tapered in thickness, with two flats and radiused edges, cut all around. Used in filing junctions between flat and curved surface, and slots with rounded edges.

- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
1230042	100mm (Cut 2) 7.5 x 2.2mm	EACH	£22.50
1230062	150mm (Cut 2) 10.0 x 3.3mm	EACH	£26.50

**Crossing (1960) Vallorbe Swiss**



Vallorbe 1960 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

Crossing files are half round on two sides with one side having a larger radius than the other. Tapered in width and thickness. For filing interior curved surfaces. The double radius makes possible filing at the junction of two curved surfaces or a straight and curved surface.

- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
19600352	90mm (Cut 2) 10.2 x 2.9mm	EACH	£36.95
1960356	90mm (Cut 4) 10.2 x 2.9mm	EACH	£38.95
196042	100mm (Cut 2) 11.9 x 3.6mm	EACH	£39.95
1960060	150mm (Cut 0) 14.8 x 5.0mm	EACH	£39.95
196062	150mm (Cut 2) 14.8 x 5.0mm	EACH	£42.95
196064	150mm (Cut 4) 14.8 x 5.0mm	EACH	£47.35

1960066	150mm (Cut 6) 14.8 x 5.0mm	EACH	£69.95
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**Equalling (1180) Vallorbe Swiss**



Vallorbe 1180 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

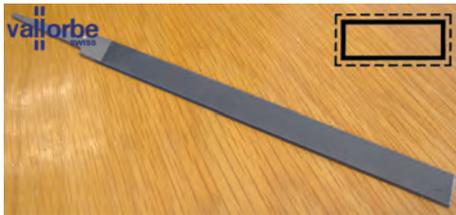
Equalling files are parallel in width and thinner in thickness. Used for filing slots and corners.

- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
118004213	100mm (Cut 2) 10.0 x 1.3mm	EACH	£19.25
11800422	100mm (Cut 2) 10.0 x 2.0mm	EACH	£17.55
11800442	100mm (Cut 4) 10.0 x 2.0mm	EACH	£20.35
11800622	150mm (Cut 2) 13.0 x 2.0mm	EACH	£20.75
118006228	150mm (Cut 2) 13.0 x 2.8mm	EACH	£20.75
11800642	150mm (Cut 4) 13.0 x 2.8mm	EACH	£27.65

**Equalling (1185) Vallorbe Swiss, Special Thickness**



Vallorbe 1185 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm\*

\*+0/-0.08mm

Equalling files are parallel in width and thinner in thickness. Used for filing slots and corners.

- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
118504420	100mm (Cut 4) 10.0 x 0.91mm	EACH	£23.70
118506214	150mm (Cut 2) 13.0 x 2.03mm	EACH	£27.35



**Take the Stress out of Belt Sanding!!!**

**FOREDOM**

**See Page 985**

**Half Round (1560\*) Cousins Euro, Regular**



Cousins Files - EU Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

Half round ring files taper in width and thickness, coming to a point. Used for filing inside of rings.

- Swiss Style\*
- Excellent Value
- NC5 Steel (hardness 62 HRC + / - 2)

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
F35272	150mm (Cut 0) 15.00 x 4.50mm	EACH	£10.15
F35273	150mm (Cut 2) 15.00 x 4.50mm	EACH	£10.25
F35274	150mm (Cut 4) 15.00 x 4.50mm	EACH	£13.25

**Half Round (1560) Vallorbe Swiss, Regular**



Vallorbe 1560 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

Half round ring files taper in width and thickness, coming to a point. Used for filing inside of rings.

- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
156030	75mm (Cut 0) 8.10 x 2.60mm	EACH	£19.95
156040	100mm (Cut 0) 12.50 x 3.60mm	EACH	£18.25
156042	100mm (Cut 2) 12.50 x 3.60mm	EACH	£22.65
156043	100mm (Cut 3) 12.50 x 3.60mm	EACH	£24.35
156045	100mm (Cut 5) 12.50 x 3.60mm	EACH	£31.75
156052	125mm (Cut 2) 13.10 x 4.10mm	EACH	£22.60
1560600	150mm (Cut 00) 15.30 x 4.70mm	EACH	£21.25
156060	150mm (Cut 0) 15.30 x 4.70mm	EACH	£24.95
156061	150mm (Cut 1) 15.30 x 4.70mm	EACH	£24.95
156062	150mm (Cut 2) 15.30 x 4.70mm	EACH	£25.95

156063	150mm (Cut 3) 15.30 x 4.70mm	EACH	£29.50
156064	150mm (Cut 4) 15.30 x 4.70mm	EACH	£32.45
156066	150mm (Cut 6) 15.30 x 4.70mm	EACH	£45.95
156076	170mm (Cut 6) 17.00 x 5.70mm	EACH	£45.95
1560800	200mm (Cut 00) 21.10 x 6.30mm	EACH	£29.25
156080	200mm (Cut 0) 21.10 x 6.30mm	EACH	£30.95
156081	200mm (Cut 1) 21.10 x 6.30mm	EACH	£36.95
156082	200mm (Cut 2) 21.10 x 6.30mm	EACH	£38.95

**Half Round (1566\*) Cousins Euro, Slim**



Cousins Files - EU Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

Half round ring files taper in width and thickness, coming to a point, and are narrower than a regular half round. Used for filing inside of rings.

- Swiss Style\*
- Excellent Value
- NCS Steel (hardness 62 HRC +/- 2)

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
F35275	150mm (Cut 0) 13.00 x 4.40mm	EACH	£11.75
F35276	150mm (Cut 2) 13.00 x 4.40mm	EACH	£13.25
F35277	150mm (Cut 4) 13.00 x 4.40mm	EACH	£15.60

**Half Round (1566) Vallorbe Swiss, Slim**



Vallorbe 1566 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

Half round ring files taper in width and thickness, coming to a point, and are narrower than a regular half round. Used for filing inside of rings.

- A slim file for rings etc.
- Made from chrome steel, hardness 65HRC +/- 2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut



For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
1566600	150mm (Cut 00) 12.70 x 3.50mm	EACH	£23.45
156660	150mm (Cut 0) 12.70 x 3.50mm	EACH	£25.50
156661	150mm (Cut 1) 12.70 x 3.50mm	EACH	£29.85
156662	150mm (Cut 2) 12.70 x 3.50mm	EACH	£26.95
156663	150mm (Cut 3) 12.70 x 3.50mm	EACH	£34.05
156664	150mm (Cut 4) 12.70 x 3.50mm	EACH	£34.95
156666	150mm (Cut 6) 12.70 x 3.50mm	EACH	£64.55
156681	200mm (Cut 1) 15.30 x 4.70mm	EACH	£39.55

**Half Round (1567) Vallorbe Swiss, Extra Slim**



Vallorbe 1567 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

Half round ring files taper in width and thickness, coming to a point, and are narrower than a regular half round. Used for filing inside of rings.

- A very narrow file ideal for small rings etc.
- Made from chrome steel, hardness 65HRC +/- 2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
156760	150mm (Cut 0) 9.80 x 2.80mm	EACH	£24.95
156762	150mm (Cut 2) 9.80 x 2.80mm	EACH	£37.70
156764	150mm (Cut 4) 9.80 x 2.80mm	EACH	£43.90

**Joint (1170) Vallorbe Swiss, Round Edges**



Vallorbe 1170 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm (file thickness)

Joint round edge files are parallel in width and thickness, with rounded edges. The flats are safe (no teeth) and cut on the rounded edges only. Used for making joints and hinges.

- A very narrow file ideal for small rings etc.
- Made from chrome steel, hardness 65HRC +/- 2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
11704206	100mm (Cut 2) 0.60mm Thick	EACH	£18.65

11704204	100mm (Cut 4) 0.42mm Thick	EACH	£18.45
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**Knife Edge (1760) Vallorbe Swiss**



Vallorbe 1760 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

Knife files are tapered in width and thickness, but the knife edge has the same thickness the whole length, with the knife edge having an arc to it. Used for slotting or wedging operations.

- Made from chrome steel, hardness 65HRC +/- 2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
176042	100mm (Cut 2) 12.40 x 2.80mm	EACH	£19.95
176044	100mm (Cut 4) 12.40 x 2.80mm	EACH	£20.15
176060	150mm (Cut 0) 17.90 x 3.50mm	EACH	£20.95
176061	150mm (Cut 1) 17.90 x 3.50mm	EACH	£21.10
176062	150mm (Cut 2) 17.90 x 3.50mm	EACH	£21.90
176064	150mm (Cut 4) 17.90 x 3.50mm	EACH	£29.95
176080	200mm (Cut 0) 22.00 x 4.20mm	EACH	£29.95
176082	200mm (Cut 2) 22.00 x 4.20mm	EACH	£30.95

**Oval (1990) Vallorbe Swiss, Die Sinker**



Vallorbe 1990 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

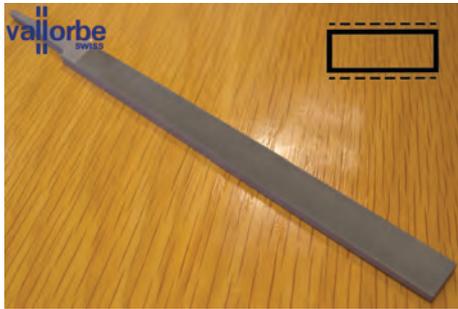
- Made from chrome steel, hardness 65HRC +/- 2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
199060	150mm (Cut 0) 8.6 x 4.4mm	EACH	£49.95



**Pillar (1132) Vallorbe Swiss, Regular**



Vallorbe 1132 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

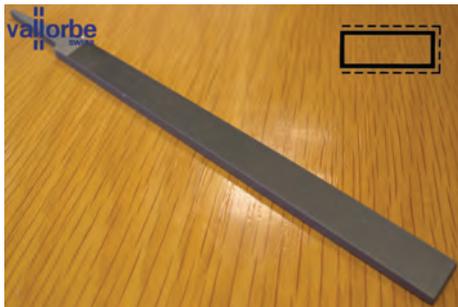
Pillar files are parallel in width and tapered in thickness for perfectly flat filing for precision work.

- Regular pillar (narrower than standard pillar) style with two blind edges
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
113240	100mm (Cut 0) 9.50 x 2.50mm	EACH	£12.15
113242	100mm (Cut 2) 9.50 x 2.50mm	EACH	£12.70
113244	100mm (Cut 4) 9.50 x 2.50mm	EACH	£15.75
1132600	150mm (Cut 00) 12.00 x 4.00mm	EACH	£12.95
113260	150mm (Cut 0) 12.00 x 4.00mm	EACH	£13.20
113262	150mm (Cut 2) 12.00 x 4.00mm	EACH	£12.15
113264	150mm (Cut 4) 12.00 x 4.00mm	EACH	£16.50
113266	150mm (Cut 6) 12.00 x 4.00mm	EACH	£28.95
1132800	200mm (Cut 00) 14.50 x 4.50mm	EACH	£18.35
113280	200mm (Cut 0) 14.50 x 4.50mm	EACH	£18.90
113282	200mm (Cut 2) 14.50 x 4.50mm	EACH	£20.45
113283	200mm (Cut 3) 14.50 x 4.50mm	EACH	£21.65
113284	200mm (Cut 4) 14.50 x 4.50mm	EACH	£23.80
11321000	250mm (Cut 00) 17.50 x 5.30mm	EACH	£26.50
1132100	250mm (Cut 0) 17.50 x 5.30mm	EACH	£27.75
1132102	250mm (Cut 2) 17.50 x 5.30mm	EACH	£28.35
1132104	250mm (Cut 4) 17.50 x 5.30mm	EACH	£34.40
11321200	300mm (Cut 00) 19.3 x 6.3mm	EACH	£35.75
1132120	300mm (Cut 0) 19.3 x 6.3mm	EACH	£32.95
1132122	300mm (Cut 2) 19.3 x 6.3mm	EACH	£37.40

**Pillar (1133) Vallorbe Swiss, Regular Smaller**



Vallorbe 1133 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

Pillar files are parallel in width and tapered in thickness for perfectly flat filing for precision work.

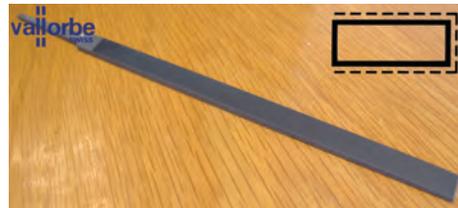
- With smaller proportions to 'regular' pillar hand files and having one blind edge.
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001

- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
113350	125mm (Cut 0) 10.50 x 3.50mm	EACH	£14.65
113361	150mm (Cut 1) 12.00 x 4.00mm	EACH	£14.75
113362	150mm (Cut 2) 12.00 x 4.00mm	EACH	£14.95
113363	150mm (Cut 3) 12.00 x 4.00mm	EACH	£17.65
113380	200mm (Cut 0) 14.50 x 4.50mm	EACH	£19.50
113382	200mm (Cut 2) 14.50 x 4.50mm	EACH	£20.95
11331000	250mm (Cut 00) 17.50 x 5.30mm	EACH	£27.55

**Pillar (1138) Vallorbe Swiss, Regular Thin**



Vallorbe 1138 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

Pillar files are parallel in width and tapered in thickness for perfectly flat filing for precision work.

- Regular pillar (narrower than standard pillar) style with one blind edge
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
1138600	150mm (Cut 00) 10.5 x 2.4mm	EACH	£16.15
113860	150mm (Cut 0) 10.5 x 2.4mm	EACH	£16.95
113862	150mm (Cut 2) 10.5 x 2.4mm	EACH	£18.35
113864	150mm (Cut 4) 10.5 x 2.4mm	EACH	£24.75

**Pillar (1142) Vallorbe Swiss, Slim**



Vallorbe 1142 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

Pillar files are parallel in width and tapered in thickness for perfectly flat filing for precision work.

- With two blind edges - improved access
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
114240	100mm (Cut 0) 4.60 x 2.20mm	EACH	£13.45
114242	100mm (Cut 2) 4.60 x 2.20mm	EACH	£14.50
114244	100mm (Cut 4) 4.60 x 2.20mm	EACH	£17.95
1142600	150mm (Cut 00) 6.50 x 3.00mm	EACH	£14.95
114260	150mm (Cut 0) 6.50 x 3.00mm	EACH	£16.95
114262	150mm (Cut 2) 6.50 x 3.00mm	EACH	£17.95
114264	150mm (Cut 4) 6.50 x 3.00mm	EACH	£18.95
114266	150mm (Cut 6) 6.50 x 3.00mm	EACH	£39.95
1142800	200mm (Cut 00) 8.30 x 3.80mm	EACH	£20.65
114280	200mm (Cut 0) 8.30 x 3.80mm	EACH	£21.85
114282	200mm (Cut 2) 8.30 x 3.80mm	EACH	£23.65
114284	200mm (Cut 4) 8.30 x 3.80mm	EACH	£27.55
1142100	250mm (Cut 0) 9.30 x 4.30mm	EACH	£32.75
1142102	250mm (Cut 2) 9.30 x 4.30mm	EACH	£35.50

**Pillar (1152) Vallorbe Swiss, Extra Slim**



Vallorbe 1152 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

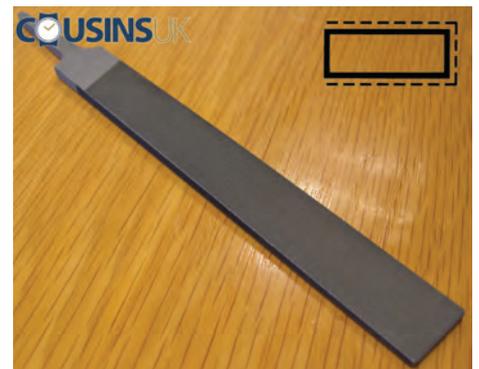
Pillar files are parallel in width and tapered in thickness for perfectly flat filing for precision work.

- Very slim profile with two blind edges
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
115260	150mm (Cut 0) 4.5 x 2.5mm	EACH	£15.95
115262	150mm (Cut 2) 4.5 x 2.5mm	EACH	£17.05
115264	150mm (Cut 4) 4.5 x 2.5mm	EACH	£19.95
115266	150mm (Cut 6) 4.50 x 2.50mm	EACH	£18.80
11521000	250mm (Cut 00) 8.00 x 2.00mm	EACH	£27.25
1152102	250mm (Cut 2) 8.00 x 2.00mm	EACH	£27.75

**Pillar (1163\*) Cousins Euro, Standard**



Cousins Files - EU Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm



Pillar files are parallel in width and tapered in thickness for perfectly flat filing for precision work.

- Standard (wider than regular) hand file with one blind edge
- Swiss Style\*
- Excellent Value
- NC5 Steel (hardness 62 HRC +/- 2)

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
<b>F35269</b>	150mm (Cut 0) 18.00 x 3.80mm	EACH	<b>£10.50</b>
<b>F35270</b>	150mm (Cut 2) 18.00 x 3.80mm	EACH	<b>£12.75</b>
<b>F35271</b>	150mm (Cut 4) 18.00 x 3.80mm	EACH	<b>£13.50</b>

### Pillar (1163) Vallorbe Swiss, Standard



Vallorbe 1163 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

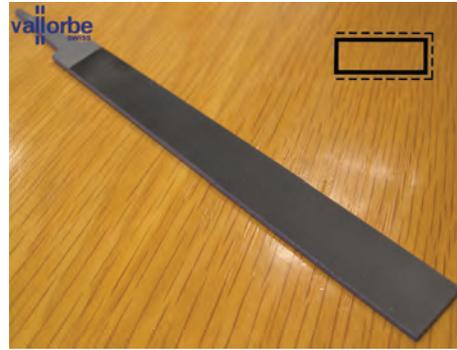
Pillar files are parallel in width and tapered in thickness for perfectly flat filing for precision work.

- Standard (wider than regular) hand file with one blind edge
- Made from chrome steel, hardness 65HRC +/- 2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
<b>1163400</b>	100mm (Cut 00) 12.50 x 3.00mm	EACH	<b>£12.95</b>
<b>116340</b>	100mm (Cut 0) 12.50 x 3.00mm	EACH	<b>£12.95</b>
<b>116342</b>	100mm (Cut 2) 12.50 x 3.00mm	EACH	<b>£12.95</b>
<b>116343</b>	100mm (Cut 3) 12.50 x 3.00mm	EACH	<b>£13.45</b>
<b>116344</b>	100mm (Cut 4) 12.50 x 3.00mm	EACH	<b>£14.85</b>
<b>116346</b>	100mm (Cut 6) 12.50 x 3.00mm	EACH	<b>£24.25</b>
<b>116353</b>	125mm (Cut 3) 15.50 x 3.50mm	EACH	<b>£13.85</b>
<b>116354</b>	125mm (Cut 4) 15.50 x 3.50mm	EACH	<b>£15.95</b>
<b>116355</b>	125mm (Cut 5) 15.50 x 3.50mm	EACH	<b>£19.70</b>
<b>11636000</b>	150mm (Cut 000) 18.50 x 4.00mm	EACH	<b>£13.75</b>
<b>1163600</b>	150mm (Cut 00) 18.50 x 4.00mm	EACH	<b>£11.80</b>
<b>116360</b>	150mm (Cut 0) 18.50 x 4.00mm	EACH	<b>£11.95</b>
<b>116361</b>	150mm (Cut 1) 18.50 x 4.00mm	EACH	<b>£11.95</b>
<b>116362</b>	150mm (Cut 2) 18.50 x 4.00mm	EACH	<b>£12.95</b>
<b>116363</b>	150mm (Cut 3) 18.50 x 4.00mm	EACH	<b>£13.95</b>
<b>116364</b>	150mm (Cut 4) 18.50 x 4.00mm	EACH	<b>£16.95</b>
<b>116365</b>	150mm (Cut 5) 18.50 x 4.00mm	EACH	<b>£19.95</b>
<b>116366</b>	150mm (Cut 6) 18.50 x 4.00mm	EACH	<b>£29.60</b>
<b>116372</b>	175mm (Cut 2) 21.30 x 4.80mm	EACH	<b>£18.70</b>
<b>11638000</b>	200mm (Cut 000) 21.30 x 4.80mm	EACH	<b>£17.35</b>
<b>1163800</b>	200mm (Cut 00) 21.30 x 4.80mm	EACH	<b>£16.50</b>
<b>116380</b>	200mm (Cut 0) 21.30 x 4.80mm	EACH	<b>£15.80</b>
<b>116381</b>	200mm (Cut 1) 21.30 x 4.80mm	EACH	<b>£18.25</b>
<b>116382</b>	200mm (Cut 2) 21.30 x 4.80mm	EACH	<b>£20.15</b>
<b>116384</b>	200mm (Cut 4) 21.30 x 4.80mm	EACH	<b>£22.95</b>
<b>116386</b>	200mm (Cut 6) 21.30 x 4.80mm	EACH	<b>£37.10</b>
<b>11631000</b>	250mm (Cut 00) 25.30 x 6.30mm	EACH	<b>£23.80</b>
<b>1163100</b>	250mm (Cut 0) 25.30 x 6.30mm	EACH	<b>£24.75</b>
<b>1163101</b>	250mm (Cut 1) 25.30 x 6.30mm	EACH	<b>£25.85</b>
<b>1163102</b>	250mm (Cut 2) 25.30 x 6.30mm	EACH	<b>£28.95</b>
<b>1163103</b>	250mm (Cut 3) 25.30 x 6.30mm	EACH	<b>£30.75</b>

### Pillar (1168) Vallorbe Swiss, Standard Thin



Vallorbe 1168 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

Pillar files are parallel in width and tapered in thickness for perfectly flat filing for precision work.

- A flatter thinner file for greater access
- Made from chrome steel, hardness 65HRC +/- 2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
<b>116852</b>	125mm (Cut 2) 14.50 x 1.70mm	EACH	<b>£15.25</b>
<b>116860</b>	150mm (Cut 0) 16.50 x 2.00mm	EACH	<b>£17.95</b>
<b>116862</b>	150mm (Cut 2) 16.50 x 2.00mm	EACH	<b>£18.65</b>
<b>116864</b>	150mm (Cut 4) 16.50 x 2.00mm	EACH	<b>£22.35</b>

### Pippin (1730) Vallorbe Swiss



Vallorbe 1730 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

Pippin files are tapered in width and thickness, generally of a teardrop cross section and having the edge of a knife file. Used for filing the junction of two curved surfaces and making V-shaped slots.

- A flatter thinner file for greater access
- Made from chrome steel, hardness 65HRC +/- 2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
<b>1730062</b>	150mm (Cut 2) 10.0 x 4.4mm	EACH	<b>£46.95</b>
<b>1730064</b>	150mm (Cut 4) 10.0 x 4.4mm	EACH	<b>£54.95</b>

Take the Stress out of Disc Sanding!!!

See Page 985



### Round (1660) Vallorbe Swiss, Pointed



Vallorbe 1660 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

- Pointed (Rat Tail) file for general use
- Made from chrome steel, hardness 65HRC +/- 2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
<b>166031</b>	75mm (Cut 1) Maximum Ø3.0mm	EACH	<b>£11.45</b>
<b>166042</b>	100mm (Cut 2) Maximum Ø4.0mm	EACH	<b>£11.75</b>
<b>166061</b>	150mm (Cut 1) Maximum Ø6.0mm	EACH	<b>£14.25</b>
<b>166062</b>	150mm (Cut 2) Maximum Ø6.0mm	EACH	<b>£13.45</b>
<b>166064</b>	150mm (Cut 4) Maximum Ø6.0mm	EACH	<b>£19.95</b>
<b>166066</b>	150mm (Cut 6) Maximum Ø6.0mm	EACH	<b>£26.95</b>
<b>166081</b>	200mm (Cut 1) Maximum Ø8.0mm	EACH	<b>£19.50</b>
<b>166082</b>	200mm (Cut 2) Maximum Ø8.0mm	EACH	<b>£19.95</b>
<b>166084</b>	200mm (Cut 4) Maximum Ø8.0mm	EACH	<b>£23.50</b>

### Round (1666) Vallorbe Swiss, Slim Pointed



Vallorbe 1666 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

- Pointed (Rat Tail) file for general use
- Made from chrome steel, hardness 65HRC +/- 2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
<b>1666032</b>	75mm (Cut 2) Maximum Ø3.0mm	EACH	<b>£12.85</b>
<b>1666034</b>	75mm (Cut 4) Maximum Ø3.0mm	EACH	<b>£14.75</b>
<b>1666042</b>	100mm (Cut 2) Maximum Ø4.0mm	EACH	<b>£13.75</b>
<b>1666062</b>	150mm (Cut 2) Maximum Ø6.0mm	EACH	<b>£16.15</b>



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### Round (1667) Vallorbe Swiss, Extra Slim



Vallorbe 1667 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

- Fine gradual taper from 1.5mm down
- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
1667042	100mm (Cut 2) Maximum Ø4.0mm	EACH	£14.95
1667060	150mm (Cut 0) Maximum Ø6.0mm	EACH	£14.50
1667062	150mm (Cut 2) Maximum Ø6.0mm	EACH	£24.50

### Round (1669) Vallorbe Swiss, Parallel



Vallorbe 1669 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

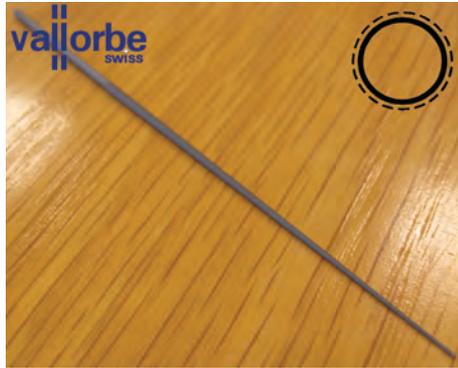
Round parallel files are similar to round files, except that they do not taper. Shaped like a toothed cylinder.

- Non tapered rod form
- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
16694016	100mm (Cut 0) Ø1.6mm	EACH	£11.50
16690403	100mm (Cut 0) Ø3.0mm	EACH	£11.75
166904216	100mm (Cut 2) Ø1.6mm	EACH	£12.95
16690423	100mm (Cut 2) Ø3.0mm	EACH	£14.50
166906224	150mm (Cut 2) Ø2.4mm	EACH	£13.95
166906232	150mm (Cut 2) Ø3.2mm	EACH	£13.95
16690624	150mm (Cut 2) Ø4.0mm	EACH	£14.25
166906248	150mm (Cut 2) Ø4.8mm	EACH	£17.10

### Round Seconds Hole (1680) Vallorbe Swiss



Vallorbe 1680 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

- Gradual taper to fine point for opening tiny round holes
- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
1680152	38mm (Cut 2) Maximum Ø1.0mm	EACH	£9.35
1680154	38mm (Cut 4) Maximum Ø1.0mm	EACH	£11.35
168022	50mm (Cut 2) Maximum Ø1.0mm	EACH	£10.35
1680204	50mm (Cut 4) Maximum Ø1.0mm	EACH	£10.55
1680632	63mm (Cut 2) Maximum Ø1.6mm	EACH	£11.50
1680254	63mm (Cut 4) Maximum Ø1.6mm	EACH	£13.50

### Slitting (1860) Vallorbe Swiss, Screwhead Clock



Vallorbe 1860 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

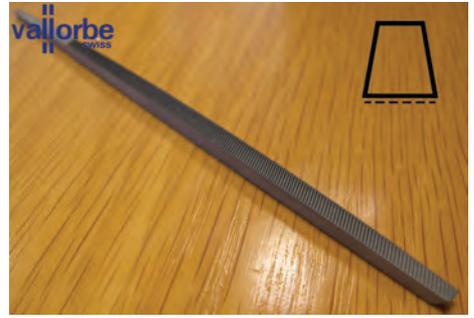
Slitting files are parallel in width with a diamond-shaped cross section. Thinner than knife files and use for filing slots.

- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
1860060	150mm (Cut 0) 15.0 x 3.3mm	EACH	£36.15
1860062	150mm (Cut 2) 15.0 x 3.3mm	EACH	£39.35

### Slotting (1040) Vallorbe Swiss



Vallorbe 1040 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
1040600	150mm (Cut 00) Maximum Slot 5.50mm	EACH	£8.95
104082	200mm (Cut 2) Maximum Slot 7.50mm	EACH	£13.80

### Slotting Screw Head (1840) Vallorbe Swiss, with Tang



Vallorbe 1840 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

- For screw heads and fine grooving
- Files have only the very edge as a cutting surface
- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut
- Length 75mm
- Width 9mm

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
1840032	75mm (Cut 2) Width 9mm	EACH	£24.95
1840034	75mm (Cut 4) Width 9mm	EACH	£28.95
18400400	100mm (Cut 00) Width 11mm	EACH	£29.95



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**WORLDWIDE DELIVERY**

Brush for Cleaning Files



See Page 694

**Slotting Screw Head  
(1850) Vallorbe Swiss**



Vallorbe 1850 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

- For screw heads and fine grooving
- Files have only the very edge as a cutting surface
- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut
- Length 75mm
- Width 9mm

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
185032	75mm (Cut 2) Width 9mm	EACH	£26.50
185034	75mm (Cut 4) Width 9mm	EACH	£26.50
185035	75mm (Cut 5) Width 9mm	EACH	£26.50
185036	75mm (Cut 6) Width 9mm	EACH	£26.50

**Square (1464) Vallorbe Swiss, Pointed**



Vallorbe 1464 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

- Pointed square section
- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
14640352	90mm (Cut 2) Maximum 2.50mm	EACH	£14.50
146442	100mm (Cut 2) Maximum 3.60mm	EACH	£14.70
146460	150mm (Cut 0) Maximum 5.50mm	EACH	£14.95
146462	150mm (Cut 2) Maximum 5.50mm	EACH	£16.95
146464	150mm (Cut 4) Maximum 5.50mm	EACH	£18.70

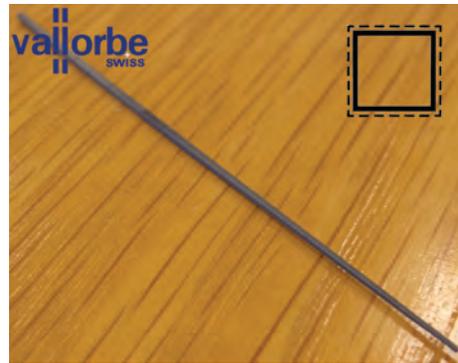


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**TRADE SUPPLIER**

**Square Seconds Hole  
(1480) Vallorbe Swiss**



Vallorbe 1480 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

- Gradual taper to fine point for opening tiny square/ rectangular holes
- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
1480026	50mm (Cut 6) Maximum 1.00mm	EACH	£34.95

**Triangular (1360) Vallorbe Swiss, Regular**



Vallorbe 1360 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

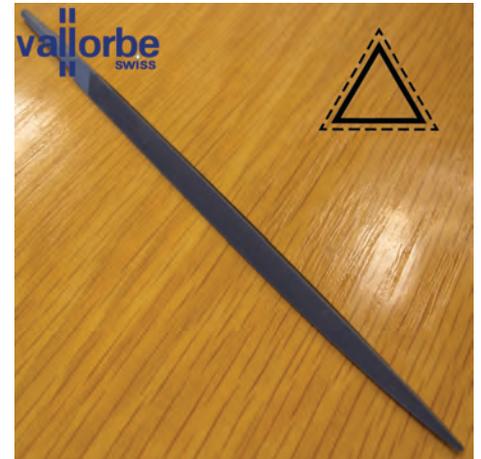
- Normal proportions with 3 cutting faces
- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
136042	100mm (Cut 2) Maximum 7.50mm	EACH	£19.95
136044	100mm (Cut 4) Maximum 7.50mm	EACH	£23.95
136053	125mm (Cut 3) Maximum 8.30mm	EACH	£19.60
13606000	150mm (Cut 000) Maximum 10.30mm	EACH	£20.95
1360600	150mm (Cut 00) Maximum 10.30mm	EACH	£13.95
136060	150mm (Cut 0) Maximum 10.30mm	EACH	£14.65
136061	150mm (Cut 1) Maximum 10.30mm	EACH	£15.75
136062	150mm (Cut 2) Maximum 10.30mm	EACH	£18.75
136064	150mm (Cut 4) Maximum 10.30mm	EACH	£22.75
136066	150mm (Cut 6) Maximum 10.30mm	EACH	£36.10
136074	175mm (Cut 4) Maximum 12.20mm	EACH	£28.50

1360800	200mm (Cut 00) Maximum 14.20mm	EACH	£28.95
136080	200mm (Cut 0) Maximum 14.20mm	EACH	£24.50
136081	200mm (Cut 1) Maximum 14.20mm	EACH	£26.50
136082	200mm (Cut 2) Maximum 14.20mm	EACH	£27.50

**Triangular (1366) Vallorbe Swiss, Narrow**



Vallorbe 1366 - Swiss Made - Invest in the Best

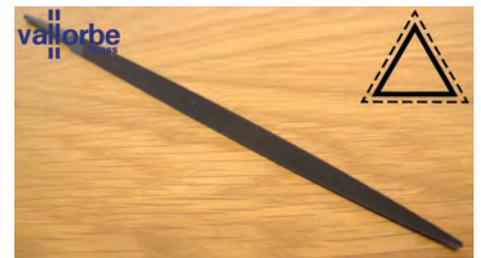
Dimensions: Length (excludes Tang) x (Cut) x Section in mm

- Three square narrow for easier access
- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
1366600	150mm (Cut 00) Maximum 8.30mm	EACH	£20.95
136660	150mm (Cut 0) Maximum 8.30mm	EACH	£19.25
136661	150mm (Cut 1) Maximum 8.30mm	EACH	£23.30
136662	150mm (Cut 2) Maximum 8.30mm	EACH	£20.95
136682	200mm (Cut 2) Maximum 10.30mm	EACH	£32.95

**Triangular (1367) Vallorbe Swiss, Extra Narrow**



Vallorbe 1367 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

- Three square narrow for easier access
- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
136760	150mm (Cut 0) Maximum 7.5mm	EACH	£21.75
136762	150mm (Cut 2) Maximum 7.5mm	EACH	£24.35

**Warding (1263) Vallorbe Swiss**



Vallorbe 1263 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

Warding files are parallel in thickness, tapered in width, and thin. Like a hand or flat file that comes to a point on the end. Used for flat work and slotting.

- Flat section terminating in a point
- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
126340	100mm (Cut 0) 12.4 x 2.5mm	EACH	£16.15
126342	100mm (Cut 2) 12.4 x 2.5mm	EACH	£17.75
126360	150mm (Cut 0) 15.40 x 3.50mm	EACH	£16.95
126362	150mm (Cut 2) 15.40 x 3.50mm	EACH	£21.15
126364	150mm (Cut 4) 15.40 x 3.50mm	EACH	£25.75
1263800	200mm (Cut 00) 21.40 x 5.00mm	EACH	£25.60
126380	200mm (Cut 0) 21.40 x 5.00mm	EACH	£26.60

**Warding (1265) Vallorbe Swiss, Special Thickness**



Vallorbe 1265 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm\*  
\*+0/-0.08mm

Warding files are parallel in thickness, tapered in width, and thin. Like a hand or flat file that comes to a point on the end. Used for flat work and slotting.

- Flat section terminating in a point
- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
126504021	100mm (Cut 0) 12.40 x 0.81mm	EACH	£22.50
126506218	150mm (Cut 2) 15.40 x 1.25mm	EACH	£24.60

**Warding (1268) Vallorbe Swiss, Thin**



Vallorbe 1268 - Swiss Made - Invest in the Best

Dimensions: Length (excludes Tang) x (Cut) x Section in mm

Warding files are parallel in thickness, tapered in width, and thin. Like a hand or flat file that comes to a point on the end. Used for flat work and slotting.

- Thin flat section terminating in a point
- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
1268750	75mm (Cut 0) 9.00 x 0.60mm	EACH	£8.85
126832	75mm (Cut 2) 9.00 x 0.60mm	EACH	£9.20
1268062	150mm (Cut 2) 15.4 x 1.7mm	EACH	£20.50
1268064	150mm (Cut 4) 15.4 x 1.7mm	EACH	£23.30

**HAND FILES "HABILIS"**

**Cousins "Diamond Impregnated"**

Cousins Files - EU Made - Invest in the Best

- Swiss Style\*
- Excellent Value
- Diamond impregnated
- Impressive files at a value price
- Dotted outer profiles on images indicate cutting faces

Diamond Habilis Files offer the crafts person the ultimate in production efficiency. The distinctive design includes a built in handle, so there is no separate handle to buy and they're shaped for easy handling and balanced for efficient cutting

Specifications:

- Cutting length 80mm
- Overall length is 210mm
- Supplied in grit 170
- Integral handle

Five Shapes:

- Half Round, Pillar, Round, Square, Triangle

Dimensions: Shape x (Cut) x Section in mm

**Flat (Diamond) 11.0 x 3.5mm**



Cousins Files - EU Made - Invest in the Best

- Swiss Style\*
- Excellent Value
- Diamond impregnated

Code	Description	UOM	Price
F33851	Flat (Diamond) 11.0 x 3.5mm	EACH	£9.50

**Half Round (Diamond) 10.5 x 4.4mm**



Cousins Files - EU Made - Invest in the Best

- Swiss Style\*
- Excellent Value
- Diamond impregnated

Code	Description	UOM	Price
F33852	Half Round (Diamond) 10.5 x 4.4mm	EACH	£9.50

**Round (Diamond) Maximum Ø5.0mm**



Cousins Files - EU Made - Invest in the Best

- Swiss Style\*
- Excellent Value
- Diamond impregnated

Code	Description	UOM	Price
F33853	Round (Diamond) Maximum Ø5.0mm	EACH	£9.50

**Square (Diamond) Maximum 6.3mm**

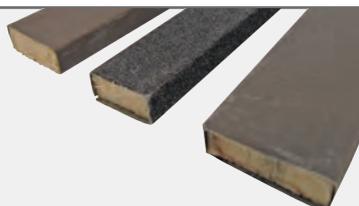


Cousins Files - EU Made - Invest in the Best

- Swiss Style\*
- Excellent Value
- Diamond impregnated

Code	Description	UOM	Price
F33855	Square (Diamond) Maximum 6.3mm	EACH	£9.50

**Emery Sticks**  
High quality SIA paper  
**See Page 1185**



**www.** Online Discounts

### Triangle (Diamond) Maximum 7.7mm

**COUSINSUK**



Cousins Files - EU Made - Invest in the Best

- Swiss Style\*
- Excellent Value
- Diamond impregnated

Code	Description	UOM	Price
F33854	Triangle (Diamond) Maximum 7.7mm	EACH	£9.50

### Vallorbe "Swiss Made"

Vallorbe - Swiss Made - Invest in the Best

- Integral handle
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001

Habilis files offer the craftsperson something different; precision files designed for those "in-between" jobs, too big for needle files and requiring finer control than a larger, heavier file can deliver.

The distinctive design includes a built-in handle, so there's no separate handle to buy and they're shaped for easy handling and balanced for efficient cutting. These strong, durable files are ideal for a variety of uses.

- Length of cuts is 100mm (4 inches)
- Overall length is 215mm (8 ½ inches)
- Supplied in Cut 1
- Dotted outer profiles on images indicate cutting faces

Five shapes:

- Half Round, Pillar, Round, Square, Triangle

Dimensions: Shape x (Vallorbe Reference) x Section in mm

### Half Round (2602) 12.2 x 3.4mm

**vallorbe**  
SWISS



- Vallorbe Swiss
- Length of cut 100mm (4 inches)
- Overall length 215mm (8 ½ inches)
- Cut 1
- Integral Handle

Code	Description	UOM	Price
26021	Half Round (2602) 12.2 x 3.4mm	EACH	£15.95

### Pillar (2601) 10.0 x 2.6mm

**vallorbe**  
SWISS



- Vallorbe Swiss
- Length of cut 100mm (4 inches)
- Overall length 215mm (8 ½ inches)
- Cut 1
- Integral Handle

Code	Description	UOM	Price
260161	Pillar (2601) 10.0 x 2.6mm	EACH	£12.85

### Round (2610) Maximum Ø6.5mm

**vallorbe**  
SWISS



- Vallorbe Swiss
- Length of cut 100mm (4 inches)
- Overall length 215mm (8 ½ inches)
- Cut 1
- Integral Handle

Code	Description	UOM	Price
26101	Round (2610) Maximum Ø6.5mm	EACH	£9.45

### Square (2608) Maximum 5.8mm

**vallorbe**  
SWISS



- Vallorbe Swiss
- Length of cut 100mm (4 inches)
- Overall length 215mm (8 ½ inches)
- Cut 1
- Integral Handle

Code	Description	UOM	Price
26081	Square (2608) Maximum 5.8mm	EACH	£17.45

### Triangle (2607) Maximum 9.4mm

**vallorbe**  
SWISS



- Vallorbe Swiss
- Length of cut 100mm (4 inches)
- Overall length 220mm (8 ½ inches)
- Cut 1
- Integral Handle

Code	Description	UOM	Price
26071	Triangle (2607) Maximum 9.4mm	EACH	£18.95

## NEEDLE FILES

**vallorbe**  
SWISS / **COUSINSUK**



Vallorbe - Swiss Made - Invest in the Best

- Knurled handles
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001

All our files in the following sections and types are of superlative Swiss Vallorbe manufacturer. The quality is unrivalled and the range vast. Selection is only a matter of deciding on type, length-size and cut.

Fine and pointed, with tapered edges and sharp points, they are recommended for steel and steel alloys, soft metals and finishing work.

Cuts are expressed in numbers, they simply get finer as the number rises. Eg: 0=Coarse, 2=Medium, 4=Fine etc.

Dotted outer profiles on images indicate cutting faces.

For additional sizes please use our Online Support - Products & Stock - New Item Request

### Barrette (2411\*) Cousins Euro, Safety Back



Cousins Files - EU Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Swiss Style\*
- Excellent Value
- NC5 Steel (hardness 62 HRC +/- 2)

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
F35264	160mm (Cut 0) 5.0 x 2.0mm	EACH	£3.95
F35265	160mm (Cut 2) 5.0 x 2.0mm	EACH	£3.95
F35266	160mm (Cut 4) 5.0 x 2.0mm	EACH	£4.20
F35401	200mm (Cut 0) 6.0 x 2.5mm	EACH	£4.05
F35402	200mm (Cut 2) 6.0 x 2.5mm	EACH	£4.15

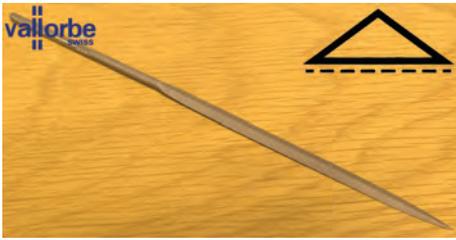
**ONLINE QUOTES**



**ONLINE ORDER STATUS**

F35403 200mm (Cut 4) 6.0 x 2.5mm EACH £4.50

### Barrette (2411) Vallorbe Swiss, Safety Back



Vallorbe 2411 - Swiss Made - Invest in the Best

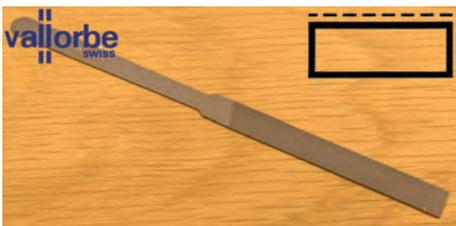
Dimensions: Length x (Cut) x Section in mm

- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
24111000	100mm (Cut 0) 3.7 x 1.4mm	EACH	£7.25
24111002	100mm (Cut 2) 3.7 x 1.4mm	EACH	£6.30
24111400	140mm (Cut 0) 4.7 x 1.7mm	EACH	£5.65
24111402	140mm (Cut 2) 4.7 x 1.7mm	EACH	£5.75
24111403	140mm (Cut 3) 4.7 x 1.7mm	EACH	£5.95
24111404	140mm (Cut 4) 4.7 x 1.7mm	EACH	£6.25
241116000	160mm (Cut 00) 5.1 x 1.8mm	EACH	£6.30
24111600	160mm (Cut 0) 5.1 x 1.8mm	EACH	£6.20
24111601	160mm (Cut 1) 5.1 x 1.8mm	EACH	£6.30
24111602	160mm (Cut 2) 5.1 x 1.8mm	EACH	£6.20
24111604	160mm (Cut 4) 5.1 x 1.8mm	EACH	£6.50
24111606	160mm (Cut 6) 5.1 x 1.8mm	EACH	£8.95
24111800	180mm (Cut 0) 5.4 x 2.0mm	EACH	£7.25
24111802	180mm (Cut 2) 5.4 x 2.0mm	EACH	£7.25
24111804	180mm (Cut 4) 5.4 x 2.0mm	EACH	£7.95
241120000	200mm (Cut 00) 5.80 x 2.20mm	EACH	£7.85
24112000	200mm (Cut 0) 5.80 x 2.20mm	EACH	£8.25
24112002	200mm (Cut 2) 5.80 x 2.20mm	EACH	£8.35
24112004	200mm (Cut 4) 5.80 x 2.20mm	EACH	£8.45

### Contact Point (2420) Vallorbe Swiss



Vallorbe 2420 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
24201300	130mm (Cut 0) 8.0 x 0.90mm	EACH	£6.35
24201302	130mm (Cut 2) 8.0 x 0.90mm	EACH	£6.95



### Crochet (2415) Vallorbe Swiss



Vallorbe 2415 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
24151002	100mm (Cut 2) 3.7 x 1.0mm	EACH	£8.65
24151402	140mm (Cut 2) 4.8 x 1.2mm	EACH	£6.65
24151602	160mm (Cut 2) 5.4 x 1.3mm	EACH	£7.10
24151606	160mm (Cut 6) 5.4 x 1.3mm	EACH	£11.65
24152000	200mm (Cut 0) 6.5 x 1.5mm	EACH	£10.40

### Crossing (2403\*) Cousins Euro



Cousins Files - EU Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Swiss Style\*
- Excellent Value
- NC5 Steel (hardness 62 HRc + / - 2)

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
F35243	160mm (Cut 0) 4.7 x 2.1mm	EACH	£3.95
F35244	160mm (Cut 2) 4.7 x 2.1mm	EACH	£3.95
F35245	160mm (Cut 4) 4.7 x 2.1mm	EACH	£3.95
F35380	200mm (Cut 0) 6.0 x 2.5mm	EACH	£3.95
F35381	200mm (Cut 2) 6.0 x 2.5mm	EACH	£3.95
F35382	200mm (Cut 4) 6.0 x 2.5mm	EACH	£3.95

### Crossing (2403) Vallorbe Swiss



Vallorbe 2403 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
24031002	100mm (Cut 2) 3.5 x 1.4mm	EACH	£11.30

24031400	140mm (Cut 0) 4.4 x 1.8mm	EACH	£7.95
24031402	140mm (Cut 2) 4.4 x 1.8mm	EACH	£7.50
24031404	140mm (Cut 4) 4.4 x 1.8mm	EACH	£7.95
24031405	140mm (Cut 5) 4.4 x 1.8mm	EACH	£8.75
240316000	160mm (Cut 00) 5.1 x 2.0mm	EACH	£7.80
24031600	160mm (Cut 0) 5.1 x 2.0mm	EACH	£7.80
24031601	160mm (Cut 1) 5.1 x 2.0mm	EACH	£9.50
24031602	160mm (Cut 2) 5.1 x 2.0mm	EACH	£7.80
24031603	160mm (Cut 3) 5.1 x 2.0mm	EACH	£7.80
24031604	160mm (Cut 4) 5.1 x 2.0mm	EACH	£9.75
24031606	160mm (Cut 6) 5.1 x 2.0mm	EACH	£11.50
24031800	180mm (Cut 0) 5.8 x 2.2mm	EACH	£10.85
24031802	180mm (Cut 2) 5.8 x 2.2mm	EACH	£10.85
24031804	180mm (Cut 4) 5.8 x 2.2mm	EACH	£11.75
240320000	200mm (Cut 00) 6.0 x 2.4mm	EACH	£11.75
24032000	200mm (Cut 0) 6.0 x 2.4mm	EACH	£11.95
24032001	200mm (Cut 1) 6.0 x 2.4mm	EACH	£11.95
24032002	200mm (Cut 2) 6.0 x 2.4mm	EACH	£9.95
24032004	200mm (Cut 4) 6.0 x 2.4mm	EACH	£11.25

### Half Round (2402\*) Cousins Euro



Cousins Files - EU Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Swiss Style\*
- Excellent Value
- NC5 Steel (hardness 62 HRc + / - 2)

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
F35240	160mm (Cut 0) 5.0 x 1.6mm	EACH	£3.75
F35241	160mm (Cut 2) 5.0 x 1.6mm	EACH	£4.15
F35242	160mm (Cut 4) 5.0 x 1.6mm	EACH	£4.25
F35377	200mm (Cut 0) 6.5 x 2.0mm	EACH	£3.55
F35378	200mm (Cut 2) 6.5 x 2.0mm	EACH	£4.50
F35379	200mm (Cut 4) 6.5 x 2.0mm	EACH	£4.50

### Half Round (2402) Vallorbe Swiss



Vallorbe 2402 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
24021000	100mm (Cut 0) 3.8 x 1.1mm	EACH	£5.75
24021002	100mm (Cut 2) 3.8 x 1.1mm	EACH	£7.45
24021004	100mm (Cut 4) 3.8 x 1.1mm	EACH	£7.50
24021400	140mm (Cut 0) 5.1 x 1.5mm	EACH	£6.10
24021402	140mm (Cut 2) 5.1 x 1.5mm	EACH	£6.75
24021404	140mm (Cut 4) 5.1 x 1.5mm	EACH	£7.50
240216000	160mm (Cut 00) 5.6 x 1.7mm	EACH	£6.60
24021600	160mm (Cut 0) 5.6 x 1.7mm	EACH	£6.60
24021601	160mm (Cut 1) 5.6 x 1.7mm	EACH	£6.75

24021602	160mm (Cut 2) 5.6 x 1.7mm	EACH	£6.95
24021604	160mm (Cut 4) 5.6 x 1.7mm	EACH	£7.05
24021606	160mm (Cut 6) 5.6 x 1.7mm	EACH	£11.50
240218000	180mm (Cut 00) 5.9 x 2.0mm	EACH	£7.60
24021800	180mm (Cut 0) 5.9 x 2.0mm	EACH	£7.60
24021801	180mm (Cut 1) 5.9 x 2.0mm	EACH	£8.45
24021802	180mm (Cut 2) 5.9 x 2.0mm	EACH	£8.55
24021804	180mm (Cut 4) 5.9 x 2.0mm	EACH	£8.95
24022000	200mm (Cut 0) 6.3 x 2.0mm	EACH	£7.95
24022002	200mm (Cut 2) 6.3 x 2.0mm	EACH	£8.25
24022004	200mm (Cut 4) 6.3 x 2.0mm	EACH	£9.55

### Half Round (2418) Vallorbe Swiss, Cut on Back Only



Vallorbe 2418 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
24181004	100mm (Cut 0) 3.8 x 1.2mm	EACH	£10.10
24181402	140mm (Cut 2) 5.1 x 1.5mm	EACH	£9.95
24181404	140mm (Cut 4) 5.1 x 1.5mm	EACH	£7.85
24181600	160mm (Cut 0) 5.6 x 1.8mm	EACH	£7.95
24181602	160mm (Cut 2) 5.6 x 1.8mm	EACH	£6.95
24181604	160mm (Cut 4) 5.6 x 1.8mm	EACH	£8.95

### Joint (2417) Vallorbe Swiss, Round Edges



Vallorbe 2417 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Two rounded cutting edges
- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
24171003	100mm (Cut 3) 3.8 x 1.0mm	EACH	£9.85
24171004	100mm (Cut 4) 3.8 x 1.0mm	EACH	£9.95
24171402	140mm (Cut 2) 4.8 x 1.2mm	EACH	£6.45
24171404	140mm (Cut 4) 4.8 x 1.2mm	EACH	£7.20
24171600	160mm (Cut 0) 5.4 x 1.3mm	EACH	£7.75
24171602	160mm (Cut 2) 5.4 x 1.3mm	EACH	£6.60
24171604	160mm (Cut 4) 5.4 x 1.3mm	EACH	£7.75



### Knife Edge (2405\*) Cousins Euro



Cousins Files - EU Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Swiss Style\*
- Excellent Value
- NC5 Steel (hardness 62 HRC + / - 2)

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
F35246	160mm (Cut 0) 6.0 x 1.9mm	EACH	£3.95
F35247	160mm (Cut 2) 6.0 x 1.9mm	EACH	£3.95
F35248	160mm (Cut 4) 6.0 x 1.9mm	EACH	£3.95
F35383	200mm (Cut 0) 6.0 x 2.3mm	EACH	£4.15
F35384	200mm (Cut 2) 6.0 x 2.3mm	EACH	£4.15
F35385	200mm (Cut 4) 6.0 x 2.3mm	EACH	£4.15

### Knife Edge (2405) Vallorbe Swiss



Vallorbe 2405 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
24051002	100mm (Cut 2) 4.0 x 1.1mm	EACH	£8.95
24051004	100mm (Cut 4) 4.0 x 1.1mm	EACH	£10.65
24051400	140mm (Cut 0) 5.0 x 1.4mm	EACH	£7.75
24051402	140mm (Cut 2) 5.0 x 1.4mm	EACH	£6.95
24051403	140mm (Cut 3) 5.0 x 1.4mm	EACH	£7.50
24051404	140mm (Cut 4) 5.0 x 1.4mm	EACH	£7.70
240516000	160mm (Cut 00) 5.4 x 1.5mm	EACH	£6.45
24051600	160mm (Cut 0) 5.4 x 1.5mm	EACH	£5.95
24051602	160mm (Cut 2) 5.4 x 1.5mm	EACH	£7.35
24051604	160mm (Cut 4) 5.4 x 1.5mm	EACH	£7.35
24051606	160mm (Cut 6) 5.4 x 1.5mm	EACH	£11.50
24051800	180mm (Cut 0) 6.0 x 1.7mm	EACH	£8.45
24051802	180mm (Cut 2) 6.0 x 1.7mm	EACH	£9.10
24052002	200mm (Cut 2) 6.4 x 1.8mm	EACH	£9.20
24052004	200mm (Cut 4) 6.4 x 1.8mm	EACH	£11.75

### Oval (2409\*) Cousins Euro



Cousins Files - EU Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Swiss Style\*

- Excellent Value
- NC5 Steel (hardness 62 HRC + / - 2)

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
F35258	160mm (Cut 0) 3.6 x 2.7mm	EACH	£2.65
F35259	160mm (Cut 2) 3.6 x 2.7mm	EACH	£2.65
F35260	160mm (Cut 4) 3.6 x 2.7mm	EACH	£3.15
F35395	200mm (Cut 0) 4.0 x 3.2mm	EACH	£2.85
F35396	200mm (Cut 2) 4.0 x 3.2mm	EACH	£2.85
F35397	200mm (Cut 4) 4.0 x 3.2mm	EACH	£3.35

### Oval (2409) Vallorbe Swiss



Vallorbe 2409 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
24091400	140mm (Cut 0) 3.5 x 2.4mm	EACH	£4.25
24091402	140mm (Cut 2) 3.5 x 2.4mm	EACH	£6.55
24091404	140mm (Cut 4) 3.5 x 2.4mm	EACH	£8.50
24091600	160mm (Cut 0) 3.9 x 2.5mm	EACH	£8.25
24091602	160mm (Cut 2) 3.9 x 2.5mm	EACH	£7.25
24091604	160mm (Cut 4) 3.9 x 2.5mm	EACH	£9.05
24091800	180mm (Cut 0) 4.2 x 2.8mm	EACH	£9.50
24091802	180mm (Cut 2) 4.2 x 2.8mm	EACH	£9.50
24092000	200mm (Cut 0) 4.4 x 2.9mm	EACH	£10.75
24092002	200mm (Cut 2) 4.4 x 2.9mm	EACH	£10.95

### Pillar (2401\*) Cousins Euro



Cousins Files - EU Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Swiss Style\*
- Excellent Value
- NC5 Steel (hardness 62 HRC + / - 2)

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
F35237	160mm (Cut 0) 6.0 x 1.2mm	EACH	£3.75
F35238	160mm (Cut 2) 6.0 x 1.2mm	EACH	£4.30
F35239	160mm (Cut 4) 6.0 x 1.2mm	EACH	£4.50
F35374	200mm (Cut 0) 6.5 x 1.6mm	EACH	£4.25
F35375	200mm (Cut 2) 6.5 x 1.6mm	EACH	£4.50
F35376	200mm (Cut 4) 6.5 x 1.6mm	EACH	£4.75



**Pillar (2401) Vallorbe Swiss**



Vallorbe 2401 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
24011002	100mm (Cut 2) 3.5 x 0.90mm	EACH	£5.85
24011400	140mm (Cut 0) 4.8 x 1.1mm	EACH	£5.25
24011402	140mm (Cut 2) 4.8 x 1.1mm	EACH	£5.85
240116000	160mm (Cut 00) 5.4 x 1.2mm	EACH	£5.95
24011600	160mm (Cut 0) 5.4 x 1.2mm	EACH	£5.25
24011601	160mm (Cut 1) 5.4 x 1.2mm	EACH	£4.75
24011602	160mm (Cut 2) 5.4 x 1.2mm	EACH	£5.65
24011604	160mm (Cut 4) 5.4 x 1.2mm	EACH	£6.25
24011606	160mm (Cut 6) 5.4 x 1.2mm	EACH	£6.95
240118000	180mm (Cut 00) 6.0 x 1.3mm	EACH	£6.75
24011800	180mm (Cut 0) 6.0 x 1.3mm	EACH	£6.50
24011802	180mm (Cut 2) 6.0 x 1.3mm	EACH	£6.50
24011804	180mm (Cut 4) 6.0 x 1.3mm	EACH	£6.85
24012000	200mm (Cut 00) 6.5 x 1.3mm	EACH	£6.65
2401200	200mm (Cut 0) 6.5 x 1.3mm	EACH	£6.65
24012001	200mm (Cut 1) 6.5 x 1.3mm	EACH	£6.75
24012002	200mm (Cut 2) 6.5 x 1.3mm	EACH	£6.95
24012004	200mm (Cut 4) 6.5 x 1.3mm	EACH	£7.15

**Pillar (2416) Vallorbe Swiss, Round Edges**



Vallorbe 2416 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

Round-edge pillar files are double-cut on the flat sides and single-cut on the rounded edges. These are ideal for flat filing in squared-off spaces. The file thickness tapers toward the tip.

- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
24161002	100mm (Cut 2) 3.8 x 1.0mm	EACH	£7.95
24161400	140mm (Cut 0) 4.8 x 1.2mm	EACH	£7.30
24161402	140mm (Cut 2) 4.8 x 1.2mm	EACH	£6.60
24161600	160mm (Cut 0) 5.4 x 1.3mm	EACH	£7.65
24161602	160mm (Cut 2) 5.4 x 1.3mm	EACH	£6.65
24161604	160mm (Cut 4) 5.4 x 1.3mm	EACH	£8.55
24161800	180mm (Cut 0) 6.0 x 1.4mm	EACH	£9.35
24161802	180mm (Cut 2) 6.0 x 1.4mm	EACH	£9.30
24162000	200mm (Cut 0) 6.5 x 1.5mm	EACH	£10.40

**Round (2410\*) Cousins Euro**



Cousins Files - EU Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Swiss Style\*
- Excellent Value
- Long gradual taper (rat tail type)
- NC5 Steel (hardness 62 HRC + / - 2)

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
F35261	160mm (Cut 0) Maximum Ø3.1mm	EACH	£3.50
F35262	160mm (Cut 2) Maximum Ø3.1mm	EACH	£3.50
F35263	160mm (Cut 4) Maximum Ø3.1mm	EACH	£3.65
F35398	200mm (Cut 0) Maximum Ø3.3mm	EACH	£4.95
F35399	200mm (Cut 2) Maximum Ø3.3mm	EACH	£5.65
F35400	200mm (Cut 4) Maximum Ø3.3mm	EACH	£5.95

**Round (2410) Vallorbe Swiss**



Vallorbe 2410 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Long gradual taper (rat tail type)
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

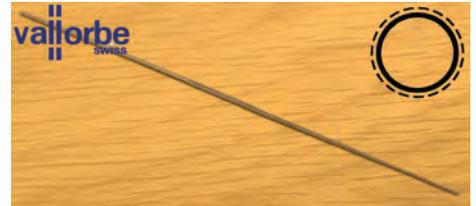
For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
24101000	100mm (Cut 0) Maximum Ø2.1mm	EACH	£5.95
24101001	100mm (Cut 1) Maximum Ø2.1mm	EACH	£5.95
24101002	100mm (Cut 2) Maximum Ø2.1mm	EACH	£5.95
24101003	100mm (Cut 3) Maximum Ø2.1mm	EACH	£5.75
241014000	140mm (Cut 00) Maximum Ø2.8mm	EACH	£5.05
24101400	140mm (Cut 0) Maximum Ø2.8mm	EACH	£4.55
24101402	140mm (Cut 2) Maximum Ø2.8mm	EACH	£4.95
24101403	140mm (Cut 3) Maximum Ø2.8mm	EACH	£4.95
24101404	140mm (Cut 4) Maximum Ø2.8mm	EACH	£5.75
241016000	160mm (Cut 00) Maximum Ø2.9mm	EACH	£5.25
24101600	160mm (Cut 0) Maximum Ø2.9mm	EACH	£5.25
24101602	160mm (Cut 2) Maximum Ø2.9mm	EACH	£5.25
24101604	160mm (Cut 4) Maximum Ø2.9mm	EACH	£5.95
24101606	160mm (Cut 6) Maximum Ø2.9mm	EACH	£7.60
24101800	180mm (Cut 0) Maximum Ø3.2mm	EACH	£5.95
24101802	180mm (Cut 2) Maximum Ø3.2mm	EACH	£5.95
24101804	180mm (Cut 4) Maximum Ø3.2mm	EACH	£6.75
24102000	200mm (Cut 0) Maximum Ø3.5mm	EACH	£6.40
24102002	200mm (Cut 2) Maximum Ø3.5mm	EACH	£6.95
24102004	200mm (Cut 4) Maximum Ø3.5mm	EACH	£7.95



**ORDER tracking**

**Round (2423) Vallorbe Swiss, Extra Slim**



Vallorbe 2423 - Swiss Made - Invest in the Best

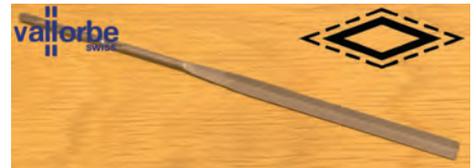
Dimensions: Length x (Cut) x Section in mm

- Long gradual taper (rat tail type)
- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
24231002	100mm (Cut 2) Maximum Ø1.0mm	EACH	£15.75

**Slitting (2414) Vallorbe Swiss**



Vallorbe 2414 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Made from chrome steel, hardness 65HRc +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
24141000	100mm (Cut 0) 4.6 x 1.6mm	EACH	£10.75
24141002	100mm (Cut 2) 4.6 x 1.6mm	EACH	£9.25
24141400	140mm (Cut 0) 5.5 x 1.9mm	EACH	£7.35
24141402	140mm (Cut 2) 5.5 x 1.9mm	EACH	£7.25
24141404	140mm (Cut 4) 5.5 x 1.9mm	EACH	£8.30
24141600	160mm (Cut 0) 6.1 x 2.1mm	EACH	£7.55
24141602	160mm (Cut 2) 6.1 x 2.1mm	EACH	£6.60
24141604	160mm (Cut 4) 6.1 x 2.1mm	EACH	£8.65

**Square (2408\*) Cousins Euro**



Cousins Files - EU Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Swiss Style\*
- Excellent Value
- Long gradual taper (rat tail type)
- NC5 Steel (hardness 62 HRC + / - 2)

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
F35255	160mm (Cut 0) Maximum 2.6mm	EACH	£3.85
F35256	160mm (Cut 2) Maximum 2.6mm	EACH	£3.85

F35257	160mm (Cut 4) Maximum 2.6mm	EACH	£3.85
F35392	200mm (Cut 0) Maximum 3.0mm	EACH	£3.95
F35393	200mm (Cut 2) Maximum 3.0mm	EACH	£3.95
F35394	200mm (Cut 4) Maximum 3.0mm	EACH	£3.95

### Square (2408) Vallorbe Swiss



Vallorbe 2408 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
24081000	100mm (Cut 0) Maximum 1.7mm	EACH	£8.95
24081002	100mm (Cut 2) Maximum 1.7mm	EACH	£7.95
24081400	140mm (Cut 0) Maximum 2.2mm	EACH	£6.50
24081402	140mm (Cut 2) Maximum 2.2mm	EACH	£6.65
24081403	140mm (Cut 3) Maximum 2.2mm	EACH	£6.95
24081404	140mm (Cut 4) Maximum 2.2mm	EACH	£7.35
240816000	160mm (Cut 00) Maximum 2.4mm	EACH	£8.15
24081600	160mm (Cut 0) Maximum 2.4mm	EACH	£6.50
24081602	160mm (Cut 2) Maximum 2.4mm	EACH	£6.95
24081604	160mm (Cut 4) Maximum 2.4mm	EACH	£7.65
24081606	160mm (Cut 6) Maximum 2.4mm	EACH	£12.35
24081800	180mm (Cut 0) Maximum 2.6mm	EACH	£8.15
24081802	180mm (Cut 2) Maximum 2.6mm	EACH	£8.15
24081804	180mm (Cut 4) Maximum 2.6mm	EACH	£8.90
240820000	200mm (Cut 00) Maximum 2.8mm	EACH	£9.45
24082002	200mm (Cut 2) Maximum 2.8mm	EACH	£7.95
24082004	200mm (Cut 4) Maximum 2.8mm	EACH	£10.25

### Triangular (2407\*) Cousins Euro



Cousins Files - EU Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Swiss Style\*
- Excellent Value
- Long gradual taper (rat tail type)
- NC5 Steel (hardness 62 HRC +/- 2)

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
F35252	160mm (Cut 0) Maximum 3.6mm	EACH	£2.65
F35253	160mm (Cut 2) Maximum 3.6mm	EACH	£3.60
F35254	160mm (Cut 4) Maximum 3.6mm	EACH	£3.75
F35389	200mm (Cut 0) Maximum 4.3mm	EACH	£4.95
F35390	200mm (Cut 2) Maximum 4.3mm	EACH	£5.65
F35391	200mm (Cut 4) Maximum 4.3mm	EACH	£5.95

### Triangular (2407) Vallorbe Swiss



Vallorbe 2407 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
24071002	100mm (Cut 2) Maximum 2.8mm	EACH	£6.95
24071004	100mm (Cut 4) Maximum 2.8mm	EACH	£7.85
240714000	140mm (Cut 00) Maximum 3.5mm	EACH	£6.10
24071400	140mm (Cut 0) Maximum 3.5mm	EACH	£6.10
24071402	140mm (Cut 2) Maximum 3.5mm	EACH	£5.95
24071404	140mm (Cut 4) Maximum 3.5mm	EACH	£6.55
240716000	160mm (Cut 00) Maximum 3.8mm	EACH	£6.50
24071600	160mm (Cut 0) Maximum 3.8mm	EACH	£6.50
24071601	160mm (Cut 1) Maximum 3.8mm	EACH	£6.50
24071602	160mm (Cut 2) Maximum 3.8mm	EACH	£6.85
24071604	160mm (Cut 4) Maximum 3.8mm	EACH	£7.15
24071606	160mm (Cut 6) Maximum 3.8mm	EACH	£10.50
24071800	180mm (Cut 0) Maximum 4.2mm	EACH	£7.35
24071802	180mm (Cut 2) Maximum 4.2mm	EACH	£7.50
24071804	180mm (Cut 4) Maximum 4.2mm	EACH	£7.95
240720000	200mm (Cut 00) Maximum 4.4mm	EACH	£7.95
24072000	200mm (Cut 0) Maximum 4.4mm	EACH	£7.95
24072001	200mm (Cut 1) Maximum 4.4mm	EACH	£7.95
24072002	200mm (Cut 2) Maximum 4.4mm	EACH	£7.95
24072003	200mm (Cut 3) Maximum 4.4mm	EACH	£8.65
24072004	200mm (Cut 4) Maximum 4.4mm	EACH	£8.95

### Warding (2406\*) Cousins Euro



Cousins Files - EU Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Swiss Style\*
- Excellent Value
- Long gradual taper (rat tail type)
- NC5 Steel (hardness 62 HRC +/- 2)

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
F35249	160mm (Cut 0) 5.9 x 1.4mm	EACH	£2.75
F35250	160mm (Cut 2) 5.9 x 1.4mm	EACH	£3.50
F35251	160mm (Cut 4) 5.9 x 1.4mm	EACH	£4.75
F35386	200mm (Cut 0) 6.5 x 1.6mm	EACH	£4.75
F35387	200mm (Cut 2) 6.5 x 1.6mm	EACH	£4.70
F35388	200mm (Cut 4) 6.5 x 1.6mm	EACH	£4.90

### Warding (2406) Vallorbe Swiss



Vallorbe 2406 - Swiss Made - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Cut = Higher the number, smoother (finer) the cut

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
24061002	100mm (Cut 2) 3.4 x 0.9mm	EACH	£8.10
24061402	140mm (Cut 2) 4.8 x 1.1mm	EACH	£5.70
24061404	140mm (Cut 4) 4.8 x 1.1mm	EACH	£6.30
24061600	160mm (Cut 0) 5.4 x 1.2mm	EACH	£6.75
24061601	160mm (Cut 1) 5.4 x 1.2mm	EACH	£6.75
24061602	160mm (Cut 2) 5.4 x 1.2mm	EACH	£6.85
24061603	160mm (Cut 3) 5.4 x 1.2mm	EACH	£7.15
24061604	160mm (Cut 4) 5.4 x 1.2mm	EACH	£7.95
24061606	160mm (Cut 6) 5.4 x 1.2mm	EACH	£10.75
24061800	180mm (Cut 0) 6.0 x 1.2mm	EACH	£7.00
24061802	180mm (Cut 2) 6.0 x 1.2mm	EACH	£7.00
24061804	180mm (Cut 4) 6.0 x 1.2mm	EACH	£8.95
24062000	200mm (Cut 0) 6.5 x 1.4mm	EACH	£8.10
24062002	200mm (Cut 2) 6.5 x 1.4mm	EACH	£9.50
24062004	200mm (Cut 4) 6.5 x 1.4mm	EACH	£10.50

## NEEDLE FILES, DIAMOND IMPREGNATED

Diamond impregnated hand tools are used all over the world in many industries. There are various qualities in diamond files and should be used accordingly for the standard of work being done. Cousins Material House offers a comprehensive range of diamond files in various shapes and sizes

- This enables the end user to choose the most suitable file for any given application, including hard reaching areas.
- File quickly with accuracy on both push and pull strokes.
- Use to smooth contours, remove unwanted solder applying texture and to shape many metals.
- Diamond files can be used on many materials such as, platinum, palladium, gold, silver, steel, copper, brass, stone, ceramics, iron, tin, glass, zinc, pewter, aluminium, lead and bronze.
- File before you test any precious metal using Diamond Files will take down thick plate to expose a plated item.

Vallorbe Swiss Diamond files are considered to be the best in the world and are of a extreme high quality. Made for a Precision extra long life, construction consists of a smooth metal bonded diamond impregnation.

Cousins Material House diamond files are for the price exceptional quality and are smooth to medium diamond impregnation.



### A\*F Swiss Diamond Needle Files

A\*F Swiss - Invest in the Best

Dimensions: Shape x (Length) x Section in mm

Diamond files are ideal for work with ceramics, glass and hard and ultra-hard materials. Produced with the same outlines as standard needle files, they are characterised by a very fine point, sharp edges and a long service life.

- Set of 5
- Consist of Pillar, Half Round, Round, Square, Triangle
- Available individually
- Grit 120 - 140 (General Use)
- Good quality with red plastified handles
- Length 140mm
- Working Length 60mm

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
F12151	Set of 5 Diamond Files, A*F Swiss	PACK*5	£27.75
F12155	Half Round (140mm) 5.4 x 1.9mm	EACH	£8.15
F12156	Pillar (140mm) 5.9 x 1.5mm	EACH	£9.95
F12154	Round (140mm) Maximum Ø3.3mm	EACH	£8.25
F12153	Square (140mm) Maximum 2.8mm	EACH	£7.35
F12152	Triangular (140mm) Maximum 3.9mm	EACH	£8.50



### Vallorbe Swiss Diamond Needle Files, Classic



Vallorbe DA9470.91 Classic - Swiss - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

Diamond files are ideal for work with ceramics, glass and hard and ultra-hard materials. Produced with the same outlines as standard needle files, they are characterised by a very fine point, sharp edges and a long service life.

- 5 popular shapes and sizes
- Works well with platinum
- Length 140mm
- Cut D91: for Finishing

Set Contents:

- Half Round (DA9402)
- Pillar (DA9401)
- Round (DA9410)
- Square (DA9408)
- Three Square (DA9407)

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
947091	Set of 5 (DA9470.91) Vallorbe Classic	PACK*5	£114.95
940291	Half Round (DA9402.91) 5.4 x 2.0mm	EACH	£32.95

### Vallorbe Swiss Diamond Needle Files, Premium



Vallorbe DA8401, 8408 - Swiss - Invest in the Best

Dimensions: Length x (Cut) x Section in mm

Diamond files are ideal for work with ceramics, glass and hard and ultra-hard materials. Produced with the same outlines as standard needle files, they are characterised by a very fine point, sharp edges and a long service life.

- Premium range
- Superior quality diamond coating
- Extended durability
- Works well with platinum
- Length 140mm
- Cut 126 for general use

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
8401126	Pillar (DA8401.126) 5.2 x 1.6mm	EACH	£39.95
8408126	Square (DA8408.126) Maximum 2.6mm	EACH	£39.95

**Take the Stress out of Belt Sanding!!!**

**FOREDOM**

**See Page 985**

## NEEDLE FILE SETS

Vallorbe - Swiss Made - Invest in the Best

- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001

Cousinsuk Euro Files

- Excellent value
- This range has a excellent cutting pattern perfect for the standard cost repair/ manufacturing work.
- Quality grade steel used assuring you good usage
- Available in various cuts 0, 2 and 4

Far East

- Great for hobbyist/beginners
- Will do the job
- A budget set

Cuts are expressed in numbers, they simply get finer as the number rises. Eg: 0=Coarse, 2=Medium, 4=Fine etc.

Dotted outer profiles on images indicate cutting faces.

### A\*F Swiss, Set of 12



A\*F Swiss

Popular set of assorted economical files, medium cut with knurled handles. Ideal for hobbyists, students, schools, colleges, etc.

- 140mm length
- Popular shapes
- Medium cut (Roughly between Vallorbe Cut 0 & 2)

Code	Description	UOM	Price
F47541	Needle File Set, A*F Swiss	EACH	£11.50

### Cousins Euro, Set of 6

Cousins UK - Invest in the Best

- European Made Needle File Set
- Super value
- Excellent cutting pattern
- Perfect for the standard cost repair/manufacturing works
- All include a sectioned wallet
- NC5 Steel (hardness 62 HRC + / - 2)

- Contents:
- Barrette
  - Half Round
  - Pillar
  - Round



### Cousins Diamond Needle Files



Cousins UK - Invest in the Best

Dimensions: Shape x (Length) x Section in mm

Diamond files are ideal for work with ceramics, glass and hard and ultra-hard materials. Produced with the same outlines as standard needle files, they are characterised by a very fine point, sharp edges and a long service life.

- Set of 5
- Consist of Pillar, Half Round, Round, Square, Triangle
- Available individually
- Grit 120 - 140 (General Use)
- Good quality with red plastified handles
- Length 140mm
- Working Length 50mm

For additional sizes please use our Online Support - Products & Stock - New Item Request

Code	Description	UOM	Price
F32990	Set of 5 Cousins Diamond Files	PACK*5	£3.95
F32977	Half Round (140mm) 5.6 x 1.9mm	EACH	£1.95
F32975	Pillar (140mm) 6.2 x 1.4mm	EACH	£1.95
F32978	Round (140mm) Maximum Ø3.2mm	EACH	£1.95
F32980	Square (140mm) Maximum 3.0mm	EACH	£1.95
F32979	Triangle (140mm) Maximum 4.2mm	EACH	£1.95

**www.** **Online Discounts**

- Square
- Three Square

Code	Description	UOM	Price
F35404	Cut 0 (Length 160mm)	PACK*6	£19.95
F35405	Cut 2 (Length 160mm)	PACK*6	£19.95
F35406	Cut 4 (Length 160mm)	PACK*6	£19.95

### Vallorbe Swiss, Set of 6

Vallorbe - Swiss Made - 2442, 2443 - Invest in the Best

- Knurled handle
- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Set of 6 in a popular range of shapes and sizes
- All include a sectioned wallet.

Contents:

- Half Round (2402)
- Pillar (2401)
- Round (2410)
- Square (2408)
- Three Square (2407)
- Warding (2406)

Dimensions: Length x Cut

Code	Description	UOM	Price
24421400	140mm (Cut 0) Vallorbe 2442	PACK*6	£32.75
24421402	140mm (Cut 2) Vallorbe 2442	PACK*6	£35.95
24430600	160mm (Cut 0) Vallorbe 2443	PACK*6	£36.50
24431602	160mm (Cut 2) Vallorbe 2443	PACK*6	£38.50
24441800	180mm (Cut 0) Vallorbe 2444	PACK*6	£44.95
24441802	180mm (Cut 2) Vallorbe 2444	PACK*6	£44.95
24452000	200mm (Cut 0) Vallorbe 2445	PACK*6	£51.95
24452002	200mm (Cut 2) Vallorbe 2445	PACK*6	£52.95

### Vallorbe Swiss, Set of 6 (Classic / Midget)



Vallorbe LAM020 - Swiss Made - Invest in the Best

The "Classic / Midget" sets are lighter construction & less durable.

- Knurled handle
- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Set of 6 in a popular range of shapes and sizes
- Vallorbe Midget Needle File Set
- Lighter construction / less durable
- All include a sectioned wallet.

Contents:

- Half Round (LAM002)
- Pillar (LAM001)
- Round (LAM010)
- Square (LAM008)
- Three Square (LAM007)
- Warding (LAM006)

Code	Description	UOM	Price
F9455	140mm (Cut 0) Lighter Construction	PACK*6	£22.85

F9456	140mm (Cut 2) Lighter Construction	PACK*6	£22.85
F32066	160mm (Cut 0) Lighter Construction	PACK*6	£27.50
F9457	160mm (Cut 2) Lighter Construction	PACK*6	£27.50

### Vallorbe Swiss, Set of 12



Vallorbe - Swiss Made - 2482, 2483, 2484, 2485 - Invest in the Best

- Knurled handle
- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- 12 Vallorbe Swiss files in a comprehensive range of shapes and sizes
- All include a sectioned wallet.

Contents:

- Barrette (2411)
- Crochet (2415)
- Crossing (2403)
- Half Round (2402)
- Knife (2405)
- Oval (2409)
- Pillar (2401)
- Pillar Round Edges (2416)
- Round (2410)
- Square (2408)
- Three Square (2407)
- Warding (2406)

Code	Description	UOM	Price
24831602	160mm (Cut 2) Vallorbe 2483	PACK*12	£84.95
LA24850	200mm (Cut 0) Vallorbe 2485	PACK*12	£147.95

### Value, Set of 4



Value Set - Invest in the Best

Ideal for wax model making will give a semi/smooth finish plus also very useful for removing suspected plated items before you test to buy precious metals.

- Exceptional value
- 140mm length
- Cut 0
- Red plastic handles

Contains: pillar, half round, square, triangle

Code	Description	UOM	Price
F32973	140mm OL, Cut 0, Set of 4	PACK*4	£3.95

## RIFFLER FILES

Vallorbe - Swiss Made - Invest in the Best

- Square middle handle
- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001

All our files in the following sections and types are of superlative Swiss Vallorbe manufacturer. The quality is unrivalled and the range vast. Selection is only a matter of deciding on type, length-size and cut.

Cuts are expressed in numbers, they simply get finer as the number rises. Eg: 0=Coarse, 2=Medium, 4=Fine etc.

Dotted outer profiles on images indicate cutting faces.

### Riffler 150mm Files, Vallorbe Swiss

Vallorbe - Swiss Made - Invest in the Best

Dimensions: Shape x (Vallorbe Reference & Cut) x Section in mm\*

\*Section sizes are approximate and at the widest or largest point

- Square central handle
- Made from chrome steel, hardness 66HRC
- Certified ISO 9001 / EN29001
- Length 150mm

With their long square section central handle and wide choice of shapes, Rifflers are for working surfaces and contours which are hard to access. Particularly recommended for engravers, carvers and goldsmiths also used by die makers, silversmiths and for intricate woodcarving.

Dotted outer profiles on images indicate cutting faces.

\*Most Popular Shapes:

- 1st - Rectangle (129152)
- 2nd - Square (129302)
- 3rd - Triangle (129422)
- 4th - Knife (129512)
- 5th - Round (129812)

### Half Round (12962, Cut 2) 4.5 x 1.6mm



Vallorbe - Swiss Made  
 • Made from chrome steel, hardness 66HRC  
 • Certified ISO 9001 / EN29001

- Half Round Section
- Overall Length 150mm
- Cut 2

Code	Description	UOM	Price
129622	Half Round (12962, Cut 2) 4.5 x 1.6mm	EACH	£16.35

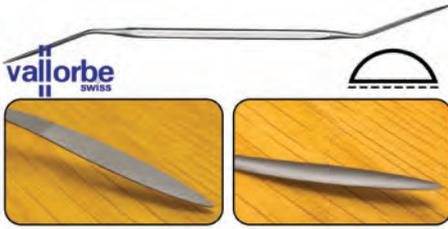
**Half Round (12963, Cut 2) 4.5 x 1.4mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Half Round Section
  - Overall Length 150mm
  - Cut 2

Code	Description	UOM	Price
129632	Half Round (12963, Cut 2) 4.5 x 1.4mm	EACH	£18.75

**Half Round (12964, Cut 2) 4.7 x 1.4mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Half Round Section
  - Overall Length 150mm
  - Cut 2

Code	Description	UOM	Price
129642	Half Round (12964, Cut 2) 4.7 x 1.4mm	EACH	£15.25

**Half Round (12965)**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Knife Section
  - Overall Length 150mm
  - Cut 2

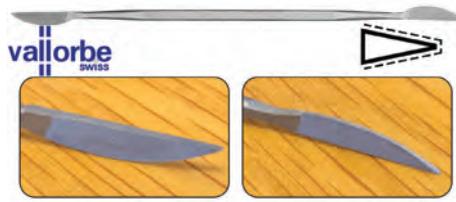
Code	Description	UOM	Price
129652	Half Round (12965)	EACH	£14.95

Cutting & Smoothing Broaches



See Page 737

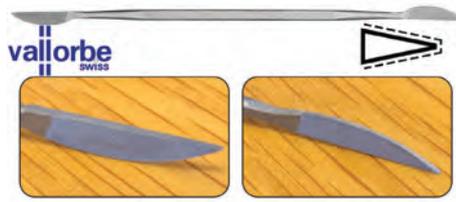
**Knife (12951, Cut 0) 4.4 x 1.2 x 0.70mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Knife Section
  - Overall Length 150mm
  - Cut 0

Code	Description	UOM	Price
129510	Knife (12951, Cut 0) 4.4 x 1.2 x 0.70mm	EACH	£23.75

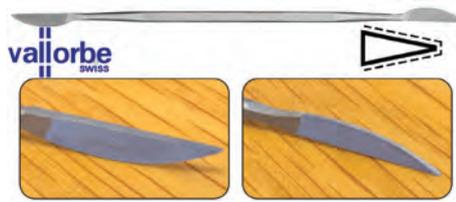
**Knife (12951, Cut 2) 4.4 x 1.2 x 0.70mm (4th\*)**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Knife Section
  - Overall Length 150mm
  - Cut 2

Code	Description	UOM	Price
129512	Knife (12951, Cut 2) 4.4 x 1.2 x 0.70mm (4th*)	EACH	£30.55

**Knife (12951, Cut 4) 4.4 x 1.2 x 0.70mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Knife Section
  - Overall Length 150mm
  - Cut 4

Code	Description	UOM	Price
129514	Knife (12951, Cut 4) 4.4 x 1.2 x 0.70mm	EACH	£28.95

**Knife (12952, Cut 2) 4.4 x 1.2 x 0.70mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Knife Section
  - Overall Length 150mm

- Cut 2

Code	Description	UOM	Price
129522	Knife (12952, Cut 2) 4.4 x 1.2 x 0.70mm	EACH	£33.15

**Knife (12953, Cut 2) 2.5 x 1.0mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Knife Section
  - Overall Length 150mm
  - Cut 2

Code	Description	UOM	Price
129532	Knife (12953, Cut 2) 2.5 x 1.0mm	EACH	£25.65

**Knife (12955, Cut 2) 4.7 x 1.4 x 0.70mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Knife Section
  - Overall Length 150mm
  - Cut 2

Code	Description	UOM	Price
129552	Knife (12955, Cut 2) 4.7 x 1.4 x 0.70mm	EACH	£23.05

**Knife (12956, Cut 2) 1.1mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Knife section, flat cutting edge
  - Overall Length 150mm
  - Cut 2

Code	Description	UOM	Price
129562	Knife (12956, Cut 2) 1.1mm	EACH	£15.75

**Knife (12957, Cut 2) 1.1mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc

- Certified ISO 9001 / EN29001
- Knife section, rounded cutting edge
- Overall Length 150mm
- Cut 2

Code	Description	UOM	Price
129572	Knife (12957, Cut 2) 1.1mm	EACH	£17.15

**Oval (12972, Cut 0) 4.0 x 1.8mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Oval Section
  - Overall Length 150mm
  - Cut 0

Code	Description	UOM	Price
129720	Oval (12972, Cut 0) 4.0 x 1.8mm	EACH	£17.95

**Oval (12972, Cut 2) 4.0 x 1.8mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Oval Section
  - Overall Length 150mm
  - Cut 2

Code	Description	UOM	Price
129722	Oval (12972, Cut 2) 4.0 x 1.8mm	EACH	£16.60

**Oval (12972, Cut 4) 4.0 x 1.8mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Oval Section
  - Overall Length 150mm
  - Cut 4

Code	Description	UOM	Price
129724	Oval (12972, Cut 4) 4.0 x 1.8mm	EACH	£20.30

**Oval (12973, Cut 2) 4.0 x 1.8mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Oval Section
  - Overall Length 150mm

- Cut 2

Code	Description	UOM	Price
129732	Oval (12973, Cut 2) 4.0 x 1.8mm	EACH	£16.35

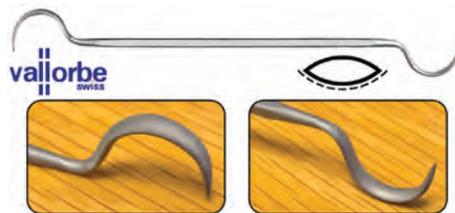
**Oval (12974, Cut 2) 4.0 x 1.8mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Oval Section
  - Overall Length 150mm
  - Cut 2

Code	Description	UOM	Price
129742	Oval (12974, Cut 2) 4.0 x 1.8mm	EACH	£15.95

**Oval (12975, Cut 2) 4.0 x 1.9mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Oval Section
  - Overall Length 150mm
  - Cut 2

Code	Description	UOM	Price
129752	Oval (12975, Cut 2) 4.0 x 1.9mm	EACH	£15.95

**Rectangle (12914, Cut 2) 3.5 x 1.5mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Rectangle Section
  - Overall Length 150mm
  - Cut 2

Code	Description	UOM	Price
129142	Rectangle (12914, Cut 2) 3.5 x 1.5mm	EACH	£16.35

**Rectangle (12915, Cut 0) 3.5 x 1.5mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc

- Certified ISO 9001 / EN29001
- Rectangle Section
- Overall Length 150mm
- Cut 0

Code	Description	UOM	Price
129150	Rectangle (12915, Cut 0) 3.5 x 1.5mm	EACH	£17.65

**Rectangle (12915, Cut 2) 3.5 x 1.5mm, Best Seller**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Rectangle Section
  - Overall Length 150mm
  - Cut 2

Code	Description	UOM	Price
129152	Rectangle (12915, Cut 2) 3.5 x 1.5mm, Best Seller	EACH	£17.50

**Rectangle (12915, Cut 4) 3.5 x 1.5mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Rectangle Section
  - Overall Length 150mm
  - Cut 4

Code	Description	UOM	Price
129154	Rectangle (12915, Cut 4) 3.5 x 1.5mm	EACH	£23.50

**Round (12981, Cut 0) Ø3.1mm, 30 ° Curve**

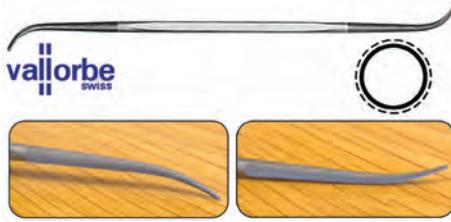


- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Round Section
  - Overall Length 150mm
  - Cut 0

Code	Description	UOM	Price
129810	Round (12981, Cut 0) Ø3.1mm, 30 ° Curve	EACH	£14.95

www. Online Discounts

**Round (12981, Cut 2) Ø3.1mm, 30 ° Curve (5th\*)**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Round Section
  - Overall Length 150mm
  - Cut 2

Code	Description	UOM	Price
129812	Round (12981, Cut 2) Ø3.1mm, 30 ° Curve (5th*)	EACH	£15.95

**Round (12981, Cut 4) Ø3.1mm, 30 ° Curve**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Round Section
  - Overall Length 150mm
  - Cut 4

Code	Description	UOM	Price
129814	Round (12981, Cut 4) Ø3.1mm, 30 ° Curve	EACH	£18.15

**Round (12982, Cut 2) Ø3.1mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Round Section
  - Overall Length 150mm
  - Cut 2

Code	Description	UOM	Price
129822	Round (12982, Cut 2) Ø3.1mm	EACH	£15.60

**Round (12983, Cut 0) Ø3.30mm**



Code	Description	UOM	Price
129830	Round (12983, Cut 0) Ø3.30mm	EACH	£14.95

**Round (12983, Cut 2) Ø3.3mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Round Section
  - Overall Length 150mm
  - Cut 2

Code	Description	UOM	Price
129832	Round (12983, Cut 2) Ø3.3mm	EACH	£15.45

**Round (12983, Cut 4) Ø3.30mm**



Code	Description	UOM	Price
129834	Round (12983, Cut 4) Ø3.30mm	EACH	£20.95

**Round (12985, Cut 2) Ø3.25mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Round Section
  - Overall Length 150mm
  - Cut 2

Code	Description	UOM	Price
129852	Round (12985, Cut 2) Ø3.25mm	EACH	£14.95

**Square (12930, Cut 0) 2.5mm**



- Vallorbe - Swiss Made - 12930
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Square Section
  - Overall Length 150mm
  - Cut 0

Code	Description	UOM	Price
129300	Square (12930, Cut 0) 2.5mm	EACH	£17.30

**Square (12930, Cut 2) 2.5mm (2nd\*)**



- Vallorbe - Swiss Made - 12930
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Square Section
  - Overall Length 150mm
  - Cut 2

Code	Description	UOM	Price
129302	Square (12930, Cut 2) 2.5mm (2nd*)	EACH	£16.35

**Square (12930, Cut 4) 2.5mm**



- Vallorbe - Swiss Made - 12930
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Square Section
  - Overall Length 150mm
  - Cut 4

Code	Description	UOM	Price
129304	Square (12930, Cut 4) 2.5mm	EACH	£22.75

**Trapezoid (12900, Cut 2) 2.9mm**



- Vallorbe 12900 - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Triangle Section
  - Overall Length 150mm
  - Cut 2

Code	Description	UOM	Price
129002	Trapezoid (12900, Cut 2) 2.9mm	EACH	£17.35

**Triangle (12942, Cut 0) 3.0mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Triangle Section
  - Overall Length 150mm
  - Cut 0

Code	Description	UOM	Price
129420	Triangle (12942, Cut 0) 3.0mm	EACH	£19.95



**ORDER tracking**

**Triangle (12942, Cut 2) 3.0mm (3rd\*)**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Triangle Section
  - Overall Length 150mm
  - Cut 2

Code	Description	UOM	Price
129422	Triangle (12942, Cut 2) 3.0mm (3rd*)	EACH	£26.85

**Triangle (12942, Cut 4) 3.0mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Triangle Section
  - Overall Length 150mm
  - Cut 4

Code	Description	UOM	Price
129424	Triangle (12942, Cut 4) 3.0mm	EACH	£22.95

**Triangle (12943, Cut 2) 3.4mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Triangle Section
  - Overall Length 150mm
  - Cut 2

Code	Description	UOM	Price
129432	Triangle (12943, Cut 2) 3.4mm	EACH	£28.15

**Riffler 180mm Files, Vallorbe Swiss**

Vallorbe - Swiss Made - Invest in the Best

Dimensions: Shape x (Vallorbe Reference) x Section in mm\*

\*Section sizes are approximate and at the widest or largest point

- Square central handle
- Made from chrome steel, hardness 66HRc
- Certified ISO 9001 / EN29001
- Length 180mm
- Cut 2

With their long square section central handle and wide choice of shapes, Rifflers are for working surfaces and contours which are hard to access. Particularly recommended for engravers, carvers and goldsmiths also used by die makers, silversmiths and for intricate woodcarving.

Dotted outer profiles on images indicate cutting faces.

**Half Round (12763) 9.2 x 3.6mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Triangle Section
  - Overall Length 180mm
  - Cut 2

Code	Description	UOM	Price
127632	Half Round (12763) 9.2 x 3.6mm	EACH	£25.95

**Knife (127500) 10.4 x 2.7mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Triangle Section
  - Overall Length 180mm
  - Cut 2

Code	Description	UOM	Price
127502	Knife (127500) 10.4 x 2.7mm	EACH	£27.50

**Rectangle (12711) 8.3 x 2.4mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Triangle Section
  - Overall Length 180mm
  - Cut 2

Code	Description	UOM	Price
127112	Rectangle (12711) 8.3 x 2.4mm	EACH	£22.45



**Round (12781) Ø4.8mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Triangle Section
  - Overall Length 180mm
  - Cut 2

Code	Description	UOM	Price
127812	Round (12781) Ø4.8mm	EACH	£19.25

**Square (12731) 4.7mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Triangle Section
  - Overall Length 180mm
  - Cut 2

Code	Description	UOM	Price
127312	Square (12731) 4.7mm	EACH	£23.65

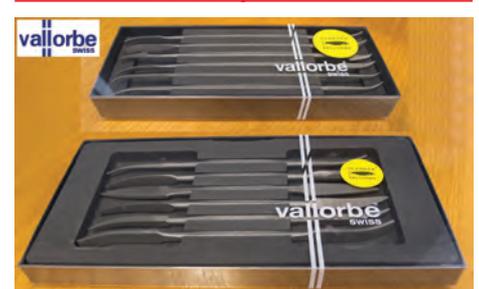
**Triangle (12741) 7.4mm**



- Vallorbe - Swiss Made
- Made from chrome steel, hardness 66HRc
  - Certified ISO 9001 / EN29001
  - Triangle Section
  - Overall Length 180mm
  - Cut 2

Code	Description	UOM	Price
127412	Triangle (12741) 7.4mm	EACH	£27.25

**Riffler File Sets, Vallorbe Swiss**



Vallorbe - Swiss Made - Invest in the Best

With their long square section central handle and wide choice of shapes, Rifflers are for working surfaces and contours which are hard to access. Particularly recommended for engravers, carvers and goldsmiths also used by die makers, silversmiths and for intricate woodcarving.

- Square central handle
- Made from chrome steel, hardness 66HRC
- Certified ISO 9001 / EN29001
- Cut 2

150mm Set of 6:  
 • 12915, 12930, 12942, 12952, 12963, 12981

180mm Set of 6:  
 • 12711, 12731, 12741, 12750, 12763, 12781

Code	Description	UOM	Price
121562	150mm Riffler Files, Set of 6	PACK*6	£139.95
121862	180mm Riffler Files, Set of 6	PACK*6	£199.95

**Riffler File Sets, Value**

VALUE



With their long square section central handle and wide choice of shapes, Rifflers are used by die makers, silversmiths and for intricate woodcarving and wax working

- Riffler file set
- Set of 12
- Overall length 14cm
- Coarse cut

Code	Description	UOM	Price
F39452	Riffler Files Set	PACK*12	£8.95

**Riffler File Sets, Diamond Impregnated**



Rifflers are used by die makers, silversmiths and for intricate woodcarving and wax working

- Riffler file set
- Set of 5
- Diamond impregnated
- Single end
- Overall length 15cm
- PVC coated handles for comfort

Code	Description	UOM	Price
F47508	Diamond Riffler Files Set	PACK*5	£9.95

**PIVOT FILES, BURNISHERS & FILE SETS**



Vallorbe - Swiss Made - Invest in the Best

- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001

All our files in the following sections and types are of superlative Swiss Vallorbe manufacturer. The quality is unrivalled and the range vast. Selection is only a matter of deciding on type, length-size and cut.

Cuts are expressed in numbers, they simply get finer as the number rises. Eg: 0=Coarse, 2=Medium, 4=Fine etc.

Dotted outer profiles on images indicate cutting faces.

**Pivot File Burnishers, Bergeon**



Burnishers for balance staffs and wheels, rectangular hard metal.

- Bergeon Swiss
- Length 165mm
- Working length 46mm
- Width 4.5mm
- Edge: R 0.1mm

- Right Handed, Bergeon 2933D
- Left handed, Bergeon 2933G

Code	Description	UOM	Price
B4192	Burnisher (Right Hand), Bergeon 2933D	EACH	£94.95
B33496	Burnisher (Left Hand), Bergeon 2933G	EACH	£94.95

**Pivot File Burnishers, Bergeon Extra Large**



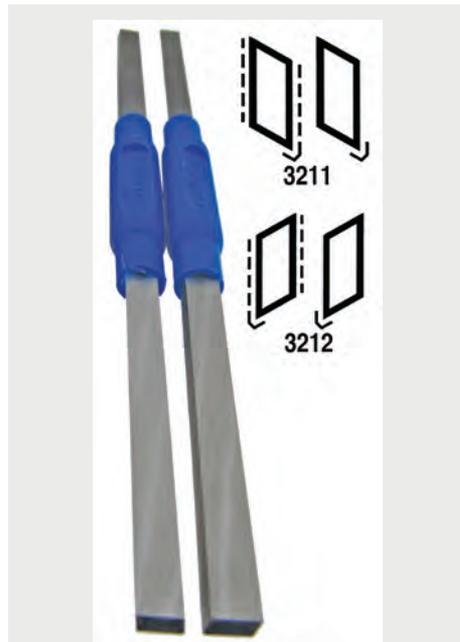
Burnishers for clocks & alarm clocks

- Bergeon Swiss
- Length 200mm

- Working length 80mm
- Width 8mm
- Without bevel
- Bergeon 5103

Code	Description	UOM	Price
B54153	Burnisher (Without Bevel), Bergeon 5103	EACH	£119.95

**Pivot File & Burnisher, Vallorbe Swiss**



Pivot File & Burnisher

Vallorbe Swiss Made: one file end for final finishing the other hardened steel burnisher for mirror finish polish.

- The diagrams are as if holding the tool to use, looking down the file or burnisher
- Each file and burnisher have one rounded safety edge

**6.0mm Left Angle, Pivot File & Burnisher**



- Vallorbe 3211
- 6.0mm x 3mm
- Left Angle
- 180mm Length

Code	Description	UOM	Price
3211	6.0mm Left Angle, Pivot File & Burnisher	EACH	£54.95

**6.0mm Right Angle, Pivot File & Burnisher**



- Vallorbe 3212
- 6.0mm x 3mm
- Right Angle



• 180mm Length

Code	Description	UOM	Price
3212	6.0mm Right Angle, Pivot File & Burnisher	EACH	£54.95

### Set of Engineers Files, Vallorbe Swiss

Vallorbe - Swiss Made - Engineers Files



- Made from chrome steel, hardness 65HRC +/-2
- Certified ISO 9001 / EN29001
- Set of 6 general purpose coarse files
- All have fitted plastic handle
- Cutting length 8" (approx)
- Overall length 12" (approx)

Set includes:

- Flat (coarse)
- Flat (medium)
- Warding
- Half round
- Square
- Round

Code	Description	UOM	Price
F9458	Engineers File Set	PACK*6	£44.95

### Set of Hobby Files

Hobby File Set



- Super value
- Excellent cutting pattern
- Perfect for the standard cost repair/manufacturing works
- Supplied in a sectioned wallet
- 160mm Overall length

Contents:

- Pillar with Safety edge
- Half Round
- Pillar
- Round
- Square
- Three Square

Code	Description	UOM	Price
F39455	160mm OL, Set of 6	PACK*6	£9.95

## GEM & PRECIOUS METAL TESTING



Our range of gem stone testing devices are easy to handle and the results are easy to read.

What is a moissanite and how does it differ from a diamond?

It was Dr. Henri Moissan who discovered the silicon carbide mineral, lodged inside a meteorite in Canyon Diablo in Arizona, USA in 1893 and it is him the mineral is named after.

Moissanite stones are often mistaken for either synthetic diamonds or even real diamonds such is their likeness. Synthetic diamonds, however, can only be formed in the lab, while genuine diamonds are completely naturally occurring carbon structures.

It was in the 1990s, when the Charles & Colvard Co. discovered how to use moissanite seed crystals to mass-produce the stone, that moissanite rose to prominence as an inexpensive diamond alternative. While it can be mistaken for a diamond, CousinsUK have a large range of testing units for identifying and differentiating these gemstones.

Diamonds are made of carbon, the same material that makes coal and the lead in pencils. All life on earth is carbon-based, humans, anemia and plants. Its chemical structure makes it the hardest mineral known to man, almost 10 times the strength of steel. Their crystalline structure helps to disperse light, giving diamonds their brilliance. Gem diamonds are used for jewellery on a massive scale and are the most sought after gem in the world.

A moissanite may fool a diamond tester, so it is advisable to either have a 2 in 1 tester or a moissanite tester to compliment your diamond tester.

### Testing Rings



Diamond, moissanite and gemstone testing rings

- Ensure your tester accuracy with testing rings
- Genuine diamonds, moissanites and gemstones
- Excellent for shops and dealers when testing your customer's precious stones
- Further proof of your tester readings
- Engraved on the ring which stone is which
- SmartPro branded rings

T44182

- Diamond, Sapphire, Topaz, Spinel, Citrine, Aquamarine, Emerald, Garnet & Glass

T44181:

- Diamond, Moissanite, Sapphire & Cubic Zirconia

Code	Description	UOM	Price
T44182	Diamond & Gemstones Testing Ring	EACH	£495.00
T44181	Diamond & Moissanite Testing Ring	EACH	£335.00

### Colour Gauge, Diamond



Diamond Colour Gauge

- Diamond colour gauge master set
- With 10 cubic zirconia's (CZ's) colour graded from D (colourless) to M (faint)
- Exact colour grade, manufactured in a laboratory for meticulous accuracy
- Precise and used by diamond merchants all over the world
- Supplied in carry set with clear plastic lid
- Pocket size: 100 x 70 x 15mm

Code	Description	UOM	Price
S45574	Diamond Colour Gauge Master Set	EACH	£325.00

### Diamond, Ceres

## CERES



Ceres CZeckPoint Diamond Tester

- Separates simulant from real diamonds
- A tone & light indicate a genuine diamond
- Automatic shut off feature
- Warning buzzer to indicate probe has come into contact with metal
- Rechargeable ni-cad battery powered, adapter/charger included
- Storage case
- Industry favourite
- Fast, reliable and accepted method of testing
- For user manual & trouble shooting please see the PDF's available above
- Made in USA

Code	Description	UOM	Price
T1686	Ceres, Diamond Tester	EACH	£99.95

Price breaks available, see website

### Diamond, Dalman



CousinsUK scours the globe for excellent and competitively priced products and here is a prime example. Although others we stock are old favourites, this tester works with accuracy and precision

- A simple light touch lets you know if it's a real diamond
- A reliable tester for distinguishing diamonds from simulant stones
- Use with any setting, loose stones, stone in rings, pendants etc.
- Tests audibly and visibly
- Comes with a test plate for testing loose stones
- Takes a 9V battery (supplied)
- Tester buzzes after 3 minutes if not touched to let user know to switch off
- Full Instructions included, comes in a wallet

Code	Description	UOM	Price
T22170	Dalman TD1, Diamond Tester	EACH	£28.50



## Diamond, RSMizar

**RS MIZAR**



Prestige II - New Version

- New version prestige II. No need to scale diamonds before testing
- Simple light system indicates when tester is ready, when the item is a diamond and when the tester has low battery
- Warm up time is less than seven seconds
- Manual controls allow for accurate tests outside normal environmental conditions
- A simple light touch lets you know if it's a real diamond
- A reliable tester for distinguishing diamonds from simulant stones
- Use with any setting, loose stones, stone in rings, pendants etc.
- Tests audibly and visibly. Comes with a test plate for testing loose stones
- Takes a 9V battery (supplied)
- Auto shut-off after 90 seconds
- Made in U.S.A.

Code	Description	UOM	Price
T8200	Prestige II, Diamond Tester	EACH	£66.95

## Diamonds & Other Precious Stones & More, SmartPro



SmartPro Gem Eye 1

A remarkably designed gemstone tester with a colour estimator display for smoothly and seamlessly testing your precious stones and diamonds.

The SmartPro Gem-Eye I was developed to distinguish between diamonds and its other simulants using the principles of thermal conductivity.

- Identifies metals, simulants & diamonds instantly via LED indicator along the top
- Will help the jeweller identify: Diamond, sapphire, emerald, jadeite, ruby, topaz, spinel, chrysoprase & glass via a thermal conductivity reader
- Simple and easy to use
- Retractable thermoelectric probe tip that ensures constant pressure between probe tip and gemstone
- Industry's thinnest probe tip (Ø0.48mm) for testing diamonds as small as 1mm (0.01ct)
- LED indicator
- Metal alert LEDs with buzzer sound to ensure that probe tip is in contact with gemstone during testing
- Easy-to-read analogue panel display
- No waiting time between tests
- Built-in diamond and simulant test discs for reference
- Enhanced accuracy and consistency
- Enhanced functionality and usability

- Clear and readable analogue panel display for ease of reading measurements
- Portable tester that can be used anywhere
- Battery or mains operated
- For calibration, trouble shooting & frequently asked questions (FAQ's) please see the PDF's available above
- Calibration can be required if the device is transported or moved from table to table
- Can connect to your phone or tablet via bluetooth to display the results (please see video link above)

Includes:

- SmartPro Gem Eye 1
- Probe Pen
- Protective carrying case
- AC adapter
- Probe tip oxidation sheet (for cleaning the tip)

Code	Description	UOM	Price
T44179	SmartPro Gem Eye 1	EACH	£225.00
P46121	Tip Oxidation Removal Paper	EACH	£0.75
G55345	Gem Eye 1 Pen	EACH	£52.95

## Diamond & Synthetic Diamond (CVD/HPHT), SmartPro



The smartest & fastest diamond tester in the world that is designed for smart testing and differentiating of natural earth-mined colourless diamond (D-J, type Ia, Ib) from lab created or synthetic type (IIa, IIb, CVD or HPHT) colourless diamonds, mounted or unmounted.

The diamond industry has now entered an age where technology can fool even the most experienced diamond dealer. New laboratory techniques mean synthetic and treated diamonds are near indistinguishable from earth mined diamonds. "High pressure-high temperature" (HPHT) is a lab technique used to enhance the natural colour of earth mined diamonds while "chemical vapour deposition" (CVD), creates synthetic diamonds which are being sold as the genuine article throughout the world.

This tester can screen within seconds multiple diamonds to give you total peace of mind and assurance that your items are the total, natural genuine article.

- Can tell earth mined diamonds from man made synthetic diamonds
- Can tell if diamonds have been treated
- Will flag synthetic diamonds which fool normal diamond testers
- Uses ultra violet short waves as opposed to the heat and electric conductivity used by normal diamond testers
- Colour range from D to J
- Test mounted or loose diamonds
- High efficiency gem tester
- Simply place the stone, mounted or loose, in the machine, press the button and within seconds the LED panel shines red or green, giving you instant, reliable results
- Retractable thermoelectric probe tip that ensures constant pressure between probe tip and gemstone
- Industry's thinnest probe tip (0.48mm) for testing diamonds as small as 0.02ct
- Can test stones from 0.02 to 12ct

- LED indicator
- Metal alert LEDs with buzzer sound to ensure that probe tip is in contact with gemstone during testing
- Laser target pointer
- Easy-to-read analogue panel display
- No waiting time between tests
- Built-in diamond and simulant test discs for reference
- Can connect to your phone or tablet via bluetooth to display the results
- Can connect to your phone or tablet via bluetooth to display the results (please see video link above)
- Powered by 4 x AAA batteries

Dimensions:

- 78 x 100 x 130mm (L x W X H)
- 295g

Code	Description	UOM	Price
T44180	SmartPro Screen-I	EACH	£525.00

## Moissanite, RSMizar

**RS MIZAR**



The most popular moissanite tester

- Known as the Moissanite TERMINATOR
- The Moissanite Terminator II has dual test voltages to ensure 100% accuracy
- Will identify artificial moissanite gemstones and other man made/synthetic gemstones
- By placing the testing probe onto the centre of the gemstone, a beeping noise and a flashing green light will indicate a moissanite gem
- Real gemstones will not cause a reaction
- Takes a 9V battery (supplied)
- Auto shut-off after 90 seconds.
- Made in U.S.A.

Code	Description	UOM	Price
T8201	Terminator, Moissanite Tester	EACH	£76.95

## Moissanite & Diamond, RSMizar

**RS MIZAR**



The all in one diamond and moissanite tester

- This is the first one step dual tester on the market
- This new revolutionary design is unmatched in performance and ease of use
- The entire test takes only ONE second and then you know for sure if it's moissanite, other artificial diamond, or a genuine diamond
- This device is 100% accurate
- A simple probe tip test allows identification
- If it's a simulant or non-diamond, nothing will happen
- If it's a diamond a buzzer will sound and a green light (diamond) will illuminate
- If it's a Moissanite, the buzzer tone will change and a red light will illuminate
- Comes with a test plate for testing loose stones
- Takes a 9V battery (supplied) (for spare see code MN1604)
- Made in U.S.A.

Code	Description	UOM	Price
T8202	DiamondNite Diamond & Moissanite Tester	EACH	£149.95

**Moissanite & Diamond, SmartPro**



SmartPro Reader 1 Diamond & Moissanite Tester

A world first readable LCD display on a pocket sized precision instrument that instantly identifies diamonds, moissanites, cubic zirconia and other simulants based on their thermal properties.

- World first readable LCD display, leaves no doubt which stone you have tested
- identifies metals, simulants, moissanites and diamonds instantly
- Retractable thermoelectric probe tip for enhanced accuracy that ensures constant pressure between the probe and the gemstone
- Thinnest probe tip on the market, Ø0.48mm, for testing diamonds as small as 1mm (0.01ct)
- Power grip for secure holding
- Enhanced accuracy and consistency
- Metal alert buzzer to ensure tip is always in contact with the stone
- No waiting time between tests
- Clear and easy to read LED display
- Low battery indicator
- Automatic power shut-off
- Portable and lightweight
- Batteries or AC mains operated (battery life 2.5 hours constant use) (mains attachment supplied separately, requires plug adapter A32444)
- For trouble shooting & frequently asked questions (FAQ's) please see the PDF available above
- Can connect to your phone or tablet via bluetooth to display the results (please see video link above)

Includes:

- SmartPro Reader 1
- Metal tray for stones
- Protective carrying case
- Neck rope
- User manual

Code	Description	UOM	Price
T44177	SmartPro Reader 1	EACH	£175.00
T46462	SmartPro Reader 1 Mains Attachment	EACH	£17.95

**Precious Metal Testing, QuickTest/Troytest**

Precious Metal Testing Kits - Quicktest - Troytest

- White - 9ct Gold Testing and Non Gold Refill Bottle
- Amber - Silver Testing Refill Bottle
- Blue - 14ct to 24ct Gold Testing Refill Bottle
- Green - White 18ct Gold & Platinum Testing Refill Bottle\*
- Clear - 8ct to 9ct & High Zinc 9ct Testing Refill Bottle

3 Bottle Kit: White, Amber & Blue

4 Bottle Kit: White, Amber, Blue & Green

5 Bottle Kit: White, Amber, Blue, Green & Clear



**Quicktest 3 Bottle Kit**



3 Bottle Kit: White - Amber - Blue

- Precious metal testing
- From the makers of Troytest
- An all time best seller
- Test non gold to 24ct & Silver
- Quick & very easy, full instructions provided.

Replacement Bottles are also the same for the Troytest

See PDF for full details

Code	Description	UOM	Price
T20294	Quicktest 3 Bottle Kit	EACH	£37.50

**Troytest 4 Bottle Kit**



4 Bottle Kit: White - Amber - Blue - Green

- Precious metal testing
- 4 Bottle Kit
- Plus Troytest Papers

Code	Description	UOM	Price
T33536	Troytest 4 Bottle Kit	EACH	£40.75



**Bradbury's Hallmarking Guide**

See Page 1526

**Troytest 5 Bottle Kit**



5 Bottle Kit: White - Amber - Blue - Green - Clear

- Precious metal testing
- 5 Bottle Kit
- Plus Troytest Papers

Code	Description	UOM	Price
T33537	Troytest 5 Bottle Kit	EACH	£49.95

**Precious Metal Testing, QuickTest/Troytest Refills**



Precious Metal Testing Acid

- White (9ct) Bottle: Known as 'White Fluid', in the Quicktest set it is known as the "9ct bottle". It is the same fluid. Appearance: the bottle is labelled 'White Fluid' (9ct), the fluid is clear. Purpose: to tell if a metal is not gold, or if it is 9ct, or if it is better than 9ct. If it is better than 9ct it won't tell you what it is, you must move on to the 14-24ct bottle.
- Amber (silver) Bottle: Known as 'Amber Fluid', in Quicktest set it is known as the 'silver bottle', it is the same fluid. Appearance: the bottle is labelled AMBER FLUID (silver), the top of the lid has a red dot, the colour of the fluid is amber. Purpose: to tell if a white metal is silver, typically .925, though there's a slight reaction on .800
- Blue (14-24ct) Bottle: Known as 'Blue Fluid'. In the Quicktest set this is known as the "14ct to 22ct bottle" or the "High carat bottle", it is the same fluid. Appearance: the bottle is labelled BLUE FLUID (14-24ct), the top of the lid has a blue dot, the fluid varies from light yellow to deep yellow. Purpose: tests for 14 to 24ct. It is also used in combination with the GREEN fluid to distinguish WHITE gold from steel and platinum. TIP: this fluid is to test from 14 to 24ct having first used the 9ct fluid to test for 9ct / non-gold.
- Green (platinum) Bottle: Appearance: the bottle is labelled GREEN FLUID, the top of the lid has a green dot, the fluid is clear. Purpose: to distinguish 18ct WHITE gold from stainless steel, the implication being that if it is neither, it MIGHT be platinum (unlike the other tests, this is not a 'positive' test). Most people call this the 'Platinum' bottle. At the same time (whilst distinguishing white gold from steel or platinum) it will tell you if the metal is 14ct or 18ct. HOWEVER, all these tests must be done in conjunction with the BLUE fluid, this (Green) bottle cannot be used on its own. None of this is necessary for testing yellow metals, this is only to distinguish WHITE gold from steel or platinum.

TIP: if the metal is magnetic or if, when you file the item, you can feel that the metal is hard (as hard as the steel file) - it cannot possibly be gold or silver or platinum, there is no need to use acid. (But being magnetic does not mean it's steel, some steel is not magnetic).

• Clear (high-zinc 9ct) Bottle: Clear Fluid or Base Fluid. Appearance: the bottle is labelled CLEAR FLUID (8-9ct), the top of the bottle cap has a brown dot, the fluid is clear. Purpose: to distinguish a particular 9ct alloy that contains a high level of zinc from 'standard' 9ct, and at the same time to give an indication of very low-grade gold such as 8ct.

TIP: this is not an easy fluid to use and should not be used in place of the standard 9ct bottle. Also, since the high-zinc alloy is quite recent, all items should be hallmarked, so test the hallmark link, check that the remainder of the item has the same reaction.

Code	Description	UOM	Price
T1697	White - 9ct Gold Testing and Non Gold Refill Bottle	EACH	£8.70
T1695	Amber - Silver Testing Refill Bottle	EACH	£8.70
T1696	Blue - 14ct to 24ct Gold Testing Refill Bottle	EACH	£8.70
T1698	Green - White 18ct Gold & Platinum Testing Refill Bottle	EACH	£8.70
T1694	Clear - 8ct to 9ct & High Zinc 9ct Testing Refill Bottle	EACH	£10.95
T1699	Testing Paper, Troytest/Quicktest Refills	EACH	£1.75

## Precious Metal Testing, Mizar M-24

**RS MIZAR**



Mizar M-24 Precious Metal Tester

- Tests gold from 9 to 24 carat ie. 9ct, 10ct, 12ct, 16ct, 20ct 22ct and 24ct.
- Distinguishes gold flash and gold plate from solid gold.
- Tests all colour gold alloys.
- Non-destructive testing.
- Determines platinum.
- Shuts off automatically which in turn increases battery life.
- Tests in as little as 2 seconds.
- Acid Oxidizer Refill (T9245A)

Kit contains:

- Mizar M24 tester
- Acid oxidizer refill
- Eraser
- Eraser pencil

Code	Description	UOM	Price
T9245	Mizar M-24 Precious Metal Tester	EACH	£139.95
T9245A	Mizar M-24 Refill	EACH	£24.50
T9244A	Mizar ET-18 Refill	EACH	£21.60

## Testing Stars

**BERGEON & VALUE**



Testing Plate (Star Wheel)

The gold test star is a gauge to determine the carat of unknown, unmarked gold items, by colour reference and by comparing acid test/touchstone reaction results.

- The most efficient aid you will need to test gold
- Use with our gold test solutions to determine objects gold content
- Also useful for ensuring your acid gives the results it should (it has't deteriorated in any way)
- Bergeon Swiss has 4 points for yellow gold 9,14, 18 & 22 carat, 3 points for red gold 9, 14 & 18 carat & 1 point for white gold
- Indian star has 5 points for yellow gold 10, 14, 18, 21 & 22 carat & 1 point for silver

Using the Touchstone and Test Star

1. Select the pointer you think the item you are testing matches (i.e. if you think it is a 9ct piece, compare it to the 9ct pointer)
2. This 9ct gold test pointer resembles a 9ct gold piece (meaning it is similar in colour and has a similar effect on the touchstone)
3. Scratch the pointer over the touchstone (don't scratch it with excessive force)
4. Now pick up the gold piece you want to test and scratch a part of it over the touchstone, right next to the scratch you made with the test pointer
5. Test both scratches with acid at the same time and watch the results. If they react in the same way, you know you have determined the carat of gold you were testing!
6. Refer to testing solution instruction for fluid reaction times and colours

Code	Description	UOM	Price
T1689	Gold Testing Plate (Star Wheel), Bergeon 30504	EACH	£159.95
T51478	Gold Testing Plate (Star Wheel), Indian	EACH	£49.95

## Testing Stones

**COUSINSUK**



Gold Testing - Precious Metal Testing Stones

When testing for gold, always suspect that the item could be plated.

Rub the stone over the piece to remove any plate on the item.

Apply the acid as required on the touch stone to test.

Applying testing acid directly on to the metal will discolour the item, therefore if a piece is returned to the customer there will be no acid spoil inflicted on to the metal.

(Stone size may vary)

Other Uses:

- After sharpening your graters on a sharpening stone use a "Touch Stone" to achieve a mirror finish, a better way than using conventional abrasive paper that could rip.

- Use oil to obtain best results.

Code	Description	UOM	Price
T20860	68 x 38 x 12mm Testing Stone	EACH	£2.25
S39265	150 x 50 x 12mm Testing Stone - In Wooden Box	EACH	£9.95
S34924	150 x 75 x 15mm Testing Stone	EACH	£9.95

# GEMMOLOGICAL INSTRUMENTS

## Gemological Instruments

Become a Gemstone Dealer, plus enjoy learning with our selection of tools for gemstone identification, whether you're buying or selling, or simply have an interest in to the world of Gemstones. The key to avoiding costly mistakes and recognizing profitable opportunities, is to know what to look out for with a hands on approach.

Our range for Gem Identification Tools equipment and books will help you:

- Open your eyes to the types of treatments, imitations, synthetics, look-alikes and fakes in the gem market today.
- Learn how to tell the difference between them.

Quickly spot:

- Synthetics, including emeralds and diamonds
- Filed diamonds
- Diffused "blue" sapphires and "red" rubies
- High pressure/high temperature (H P H T) – treated diamonds
- Discover how to identify new gems such as "mandarin" garnet red "emerald", and North Carolina's chromium-rich emeralds
- Know when to seek help from a professional gemmologist or lab
- Become more professional in your business or hobby

Please note:

Gemmological instruments tools are designed to save you time and effort. It is your responsibility to understand what the Gemmological instruments response signifies. Our range is practically more useful in telling you what a stone is NOT, then what it is. And can be helpful in narrowing down possible identifications. With experience you will know when to seek help from a professional gemmologist lab.

## Chelsea Filter



Assists stone sorting and gem identification. Includes instructions and guide notes.

The Chelsea Filter (emerald filter) is a pocket-sized colour filter.

It is used primarily to spot fakes mixed in with natural stones in coloured stone parcels and jewellery, and to differentiate emeralds, sapphires, aquamarines and natural green jadeite from manufactured stones.

**PRICE PROMISE GUARANTEE**

See Website full product information.

Code	Description	UOM	Price
E9451	Chelsea Filter	EACH	£24.85

## Conoscope Rod



A simple instrument used to observe interference figures in gemstones such as quartz, the Conoscope Rod is used in conjunction with a polariscope to determine whether the stone is uniaxial or biaxial.

- Strain free spherical glass lens
- 59 x 10 x 10mm
- Gem-A

Code	Description	UOM	Price
G56314	Conoscope Rod, Gem -A	EACH	£8.95

## Darkfield Loupe, Gem A

A darkfield loupe allows a gemstone to be observed against a dark background with lateral illumination, allowing for easier study and identification of coloured gemstone inclusions and fracture filling.

See Website full product information.



Code	Description	UOM	Price
L53126	Darkfield Loupe, Gem A	EACH	£49.95

## Diffraction Spectroscope



For pure transparent (non opaque) stones. Each type of stone has its own spectrum colour diagnostic. Similar to the prism spectroscope but works by diffracting white light to give non prismatic perspective.

It may be used to test transparent gem materials including rough and broken pieces, fashioned pieces, strings of beads, gems set in jewellery, ornaments and carvings.

See Website full product information.

Code	Description	UOM	Price
E9518	Diffraction Spectroscope	EACH	£53.85

**PRICE PROMISE  
GUARANTEE** 

## Jadeite Filter



Used for differentiating between natural and dyed green and lavender jade.

- Very effective tool in the use of separating red, blue and green stone from others that might look similar in comparison.
- Extremely useful in detecting certain dyes treated on gemstones.

See Website full product information.

Code	Description	UOM	Price
E33835	Jadeite Filter	EACH	£24.50

## London Dichroscope



Incorporates two polarizing sheets mounted at right angles to each other allowing the London Dichroscope necessity to samples rays from two different areas of the same stone.

Examples are views of a Tourmaline/ruby gemstone with a London Dichroscope with a back light. With the same ray of light entering the gemstone both sides should be the same colour under the filter.

See Website full product information.

Code	Description	UOM	Price
E9519	London Dichroscope	EACH	£33.95

## Prism Spectroscope with Focus Option



Used to test less pure transparent (opaque) gem materials including rough and broken pieces, fashioned pieces, strings of beads, gems set in jewellery, ornaments and carvings.

The focus option allows you to focus the lines better.

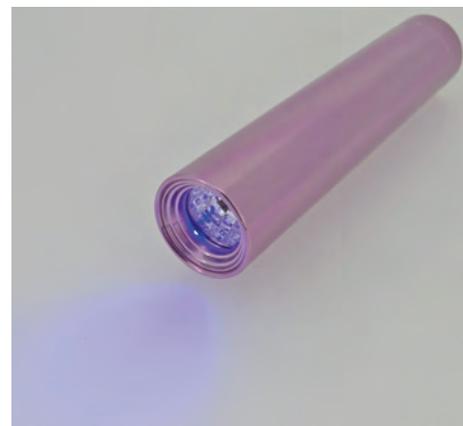
Prism spectroscope (based on dispersion) is a tool for

examining which parts of white light are absorbed by a gemstone (as well as by other materials).

See Website full product information.

Code	Description	UOM	Price
E33808	Prism Spectroscope with Focus Option	EACH	£89.95

## UV Long Wave Pen



- An instrument which detects the fluorescent reaction of diamond
- Used to judge the colour grading & positioning of stones
- Distinguishes stones according to the distinctive colour emitted by the long wave UV light
- Applies to gems such as natural ruby from Myanmar, opal, amber synthetic ruby, spinel and sapphire, YAG etc
- Many natural diamonds emit a distinctive glowing blue colour under UV light and other coloured diamonds give a particular light

Specifications

- Ø20mm
- 100mm long
- Lightweight & portable
- Requires 1 x AA batteries, reference MN15006 (not included)

Code	Description	UOM	Price
U40268	Ultra Violet Long Wave Pen, A*F Swiss	EACH	£38.95

## GRAVERS, SCORPERS, SCRAPERS & DEBURRING

*Tools for engraving, setting, chasing, sculpting, etc are inexpensive compared with the cost of essential tooling to practice other crafts. One is able to buy the essentials for a lifetime of manufacturing, leaving only the expense of replenishing consumables.*

*At Cousins Material House Ltd we distribute a full range of Swiss Vallorbe gravers and accessories for a wide variety of modern day workshop applications for manufacturing, repairing, craftwork, hobbyists and work in the fine arts.*

*With various industries demanding the highest quality tools, Vallorbe gravers have been the forefront market leader in this field. Used by industry experts all over the world on millions of pieces there is very little the Vallorbe Graver has not touched.*

Gravers come in various shapes, sizes and metal qualities.

**Metal types:**

- **Tools Steel (WS)** the standard graver, keeps a tough sharp edge maintaining hours of production usage.
- **High Speed Steel (HSS)** this tougher graver keeps a sharp edge for a considerably longer time than normal tool steel gravers (WS).

**More graver info:**

Gravers can be used on a whole variety of metals or materials including gold, silver, platinum, palladium, titanium, copper, brass, bronze, pewter, gilding metal, steel, ivory, bone, wood, plastics and aluminium.

All gravers have makings from the manufacturer which indicates the size and metal quality. HSS gravers always have a yellow paint mark on the tang of the graver; this identifies the mounting point for the handle. Additionally measure the width of the graver and compare with the graver chart below, to determine the size.

Graver handles come in different shapes and sizes, it is advisable to replace the handle with the graver to ensure optimum grip between handle and graver.

**Preparing a graver:**

A graver tool has to be of a certain length to suit the hand of the user. Held in working position, the end of the tool should project half to three-quarters of an inch beyond the thumb.

A graver, when brought, will be too long and will have to be shortened. If only a small reduction is required a small piece can be broken off the tang before the handle is fitted. The tang is not as hard as the rest of the tool and the broken end should be filed or grinded to a point so that it can be easily inserted into the handle.

If a graver has to be shortened considerably, the end will have to be ground off by using a double bench grinder (code B33154) and care must be taken not to over-heat the tool and "draw the temper" – that is, cause to become too soft for use as a cutting graver. During grinding the graver will become very hot, intermittently dip the graver into water to ensure the steel doesn't overheat and become brittle. Continue this process until the shape forms a point ready to fit into a handle. One can also use a sharpening stone to shape gravers according to individual specification.

## Deburring Tool



Deburring tool with pocket clip

- Fast efficient and economical solution to remove Burrs which remains at the edges of components after cutting or machining and to take sharp edges off metal sheet
- For the jeweller, silversmith, arts craft, contemporary jeweller, model makers and light engineers
- The fine sharp blade the edge after any cutting shearing or punching process
- This tool is ideal for working with wax or metals
- Rotating blade enables you to smooth circular inner & outer edges

Size & Weight:

- Length 140mm
- Diameter Ø8mm
- Weight 20 grams

Code	Description	UOM	Price
B31879	Deburring Tool with Pocket Clip	EACH	£3.60

## Graver Sharpener Holders

Set your angle precisely with consistency while grinding and sharpening your hand engraver tools

- Easy to use
- Just simply place it in the angle holder
- Move left to right grind/sharpen your graver

## Graver Sharpener

Handy graver sharpener with metal roller, aluminium body and two brass positioning screws for correct angles.

- Small and inexpensive this graver sharpener can be used with all of our range of Swiss Vallorbe gravers (please note: 6mm Square HSS Graver, code 0501Hss600 will not fit in this tool)
- Gravers are placed in either of two angled tear drop openings and should be then rolled over the oilstone to sharpen and shape.
- Consistently achieve the perfect angle when sharpening.

Size: 45mm x 35mm 5mm

Weight: 30g

Code	Description	UOM	Price
G9475	Graver Sharpener	EACH	£2.75

## Graver Sharpener, Bergeon Swiss

- Bergeon 2462 A high precision graver sharpener, made from steel, from Switzerland's Bergeon and the best of its kind.

- Ideal to use with a sharpening stone on a base (code S4868 or S31323);

- Comprises a smooth roller feet manoeuvre.

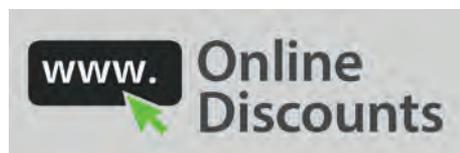
- The graver sharpener allows the angle of the graver to be adjusted to the appropriate angle and locks the tool for consistent sharpening and polishing

- Will hold a square and lozenge graver from 1.25mm.

Size: up to 4mm Gravers

Weight: 35g

Code	Description	UOM	Price
G0751	Graver Sharpener, Bergeon Swiss	EACH	£89.95



## Graver Sharpener, Crocker Style



Engraving, stone setting and chasing certainly has its skill, as techniques and experience that you have learnt over time produces high quality workmanship.

A Crocker style Graver Sharpener is a traditional tool used for decades by some of the greatest crafts people.

Set your angle precisely with consistency while grinding and sharpening your hand engraver tools. It is easy to use; just simply place it in the angle holder sleeve. Rest the table base bar on your bench and moving left to right grind/sharpen your graver.

- Choose from two angles to quickly achieve the accurate hone and sharp edge you need for professional engraving results.
- Index adjustment for both angle and pitch. Use with sharpening stones of your choice.
- Please note graver and sharpening stone not supplied
- Maximum graver handle/shaft diameter Ø13mm

Code	Description	UOM	Price
G34925	Graver Sharpener, Crocker Style	EACH	£19.95

## Gravers, Bergeon Specialist

### Bergeon 2930 Staff Graver



- Bergeon 2930
- Widia
- For left or right handed turning
- 2.00mm square section
- Handle Diameter Ø5.0mm
- Overall Length 135mm
- Weight 25g

Excellent high quality, Bergeon Swiss, staff gravers; will cut the hardest of metals without quick deterioration of the edge.

- Mounted on a metal knurled handle for the ultimate compatibility.
- Plastic cap protector included.
- This hard steel graver will re-sharpen on a Diamond Lap Stone (code D33152)

Code	Description	UOM	Price
G0749	Bergeon 2930 Staff Graver	EACH	£37.95

### Bergeon 2931 Winding Stem Graver



- Bergeon 2931

- Widia
- 0.50 x 6.00mm section
- Handle Diameter Ø8.0mm
- Overall Length 135mm
- Weight 25g

Excellent high quality, Bergeon Swiss, stem gravers will cut the hardest of metals without quick deterioration of the edge.

- Mounted on a metal knurled handle for the ultimate compatibility
- Plastic cap protector included
- This hard steel graver will re-sharpen on a Diamond Lap Stone (code D33152)

Code	Description	UOM	Price
G0750	Bergeon 2931 Winding Stem Graver	EACH	£72.95

## Gravers

**VALUE**



Gravers

- Pack\*2
- Ideal for watch makers & jewellers
- Great starter gravers
- Stainless steel

Code	Description	UOM	Price
G39426	Knife & Chisel	PACK*2	£2.75
G39427	Square & Diamond	PACK*2	£2.75

## Gravers, Set

**VALUE**



Graver set

- Set of 6
- Most popular flat edge shape
- With wooden handles
- Stainless steel

Set contains:

- Flat edge, 0.10mm
- Flat edge, 0.20mm x 2
- Flat edge, 0.30mm
- Flat edge, 0.40mm
- Flat edge, 0.50mm

Dimensions are approx.

Code	Description	UOM	Price
G39425	Gravers Set	PACK*6	£11.95



## Graver, Flat Edge



Flat Edge - Gravers - Vallorbe Swiss (0401) or Unbranded

The Flat Edge Graver is used to cut out parallel curves and lines when engraving, chasing, decorating or sculpting. A professional stone setter will always 'bright cut\*' prior to setting an open back type setting; such as between peg clusters or along the channel before setting the stone(s) into the mount. The now reflective base will act as a mirror to enhance the stones sparkle. Additionally, jewellers often rhodium plate over the ring mount after the 'bright cut' process especially when setting diamonds.

\*Bright cut – the action of cutting the surface of the area where the stone is to be set, in order to enhance the stone.

- Wider, flat gravers such as No.24 create a unique finish by 'rocking' the graver from left to right while pulling the graver back creates an old fashioned and impressive textured effect on the surface.
- Furthermore, illusion settings enhance the appearance of small stones, making them seem bigger. By cutting facets on the illusion plate (around the stone) with a flat scorper or a square graver, the metal will catch and reflect light, adding to the sparkle of the stone.
- Tool Steel (WS) = Length 80mm
- High Speed Steel (HSS) = Length 65mm
- Vallorbe Swiss or Unbranded

Code	Description	UOM	Price
G45792	A = 0.20mm (No.2) HSS	EACH	£5.50
0401HSS2	A = 0.20mm (No.2) HSS, Vallorbe	EACH	£12.95
0401WS2	A = 0.20mm (No.2) WS, Vallorbe	EACH	£9.95
G45793	A = 0.40mm (No.4) HSS	EACH	£5.50
0401HSS4	A = 0.40mm (No.4) HSS, Vallorbe	EACH	£12.95
0401WS4	A = 0.40mm (No.4) WS, Vallorbe	EACH	£9.95
G45794	A = 0.60mm (No.6) HSS	EACH	£5.50
0401HSS6	A = 0.60mm (No.6) HSS, Vallorbe	EACH	£12.95
0401WS6	A = 0.60mm (No.6) WS, Vallorbe	EACH	£9.95
G45795	A = 0.80mm (No.8) HSS	EACH	£5.50
0401HSS8	A = 0.80mm (No.8) HSS, Vallorbe	EACH	£12.95
0401WS8	A = 0.80mm (No.8) WS, Vallorbe	EACH	£9.95
G45796	A = 1.00mm (No.10) HSS	EACH	£5.50
0401HSS10	A = 1.00mm (No.10) HSS, Vallorbe	EACH	£12.95
0401WS10	A = 1.00mm (No.10) WS, Vallorbe	EACH	£9.95
0401HSS12	A = 1.20mm (No.12) HSS, Vallorbe	EACH	£12.95
G45797	A = 1.20mm (No.12) HSS	EACH	£5.50
0401WS12	A = 1.20mm (No.12) WS, Vallorbe	EACH	£9.95
G45798	A = 1.40mm (No.14) HSS	EACH	£5.50
0401HSS14	A = 1.40mm (No.14) HSS, Vallorbe	EACH	£12.95
0401WS14	A = 1.40mm (No.14) WS, Vallorbe	EACH	£9.95
G45799	A = 1.60mm (No.16) HSS	EACH	£5.50
0401HSS16	A = 1.60mm (No.16) HSS, Vallorbe	EACH	£13.45
0401WS16	A = 1.60mm (No.16) WS, Vallorbe	EACH	£9.95
G45800	A = 1.80mm (No.18) HSS	EACH	£5.50
0401HSS18	A = 1.80mm (No.18) HSS, Vallorbe	EACH	£14.00
0401WS18	A = 1.80mm (No.18) WS, Vallorbe	EACH	£9.95
0401HSS20	A = 2.00mm (No.20) HSS, Vallorbe	EACH	£14.70
0401WS20	A = 2.00mm (No.20) WS, Vallorbe	EACH	£9.95
0401HSS24	A = 2.40mm (No.24) HSS, Vallorbe	EACH	£15.40

## Graver, Knife



Knife Edge - Gravers - Vallorbe Swiss (0406) or Unbranded

Comprised of a knife edge with straight sides, this

graver is primarily used to cut excess metal away from stone settings, and when applicable, the metal between stones in a row or cluster. The appropriate size relates to the spacing of the stone(s), the amount of metal to be removed and the size of the gemstone.

- Tool Steel (WS) = Length 80mm
- High Speed Steel (HSS)
- Vallorbe Swiss or Unbranded

Code	Description	UOM	Price
G45816	A = 1.16mm HSS	EACH	£6.95
G45817	A = 1.24mm HSS	EACH	£6.95
G45818	A = 1.35mm HSS	EACH	£6.95
G45819	A = 1.45mm HSS	EACH	£6.95
G45820	A = 1.50mm HSS	EACH	£6.95
0406WS18	A = 1.80mm WS, Vallorbe	EACH	£11.15
0406WS20	A = 2.00mm WS, Vallorbe	EACH	£11.75
0406WS22	A = 2.20mm WS, Vallorbe	EACH	£11.90
0406WS24	A = 2.40mm WS, Vallorbe	EACH	£12.85
0406WS26	A = 2.60mm WS, Vallorbe	EACH	£13.15
0406WS32	A = 3.20mm WS, Vallorbe	EACH	£15.50

## Graver, Lozenge



Lozenge - Gravers - Vallorbe Swiss (0502)

This graver cuts out a unique diamond shape, like the Square Graver, it will cut out star shapes into metal and also raises grains to secure the stone and to enhance the look of the stone (Bright cut).

\*Bright cut – the action of cutting the surface of the area where the stone is to be set, in order to enhance the stone.

- Cut out parallel curves and lines when you are engraving, chasing, decorating or sculpting.
- For cutting and turning balance staffs in a watch and clock.
- Tool Steel (WS) = Length 110mm
- Vallorbe Swiss

Code	Description	UOM	Price
0502WS175	A = 1.75mm, WS	EACH	£7.15
0502WS200	A = 2.00mm, WS	EACH	£6.65
0502WS250	A = 2.50mm, WS	EACH	£6.65
0502WS300	A = 3.00mm, WS	EACH	£8.75

## Graver, Onglette or Spitstick



Onglette or Spitstick - Gravers - Vallorbe Swiss or Unbranded

Comprised of a knife edge and curved sides, this graver is primarily used to cut excess metal away from stone settings, and when applicable, the metal between stones in a row or cluster. The appropriate size relates to the spacing of the stone(s), the amount of metal to be removed and the size of the gemstone.

- Tool Steel (WS) = Length 80mm
- High Speed Steel (HSS)
- Vallorbe Swiss or Unbranded

Code	Description	UOM	Price
G45810	A = 1.24mm (No.4/0) HSS	EACH	£5.50
0403WS40	A = 1.24mm (No.4/0) WS, Vallorbe	EACH	£10.50
G45811	A = 1.35mm (No.3/0) HSS	EACH	£5.50
0403WS30	A = 1.35mm (No.3/0) WS, Vallorbe	EACH	£10.50
G45812	A = 1.45mm (No.2/0) HSS	EACH	£5.50
0403WS20	A = 1.45mm (No.2/0) WS, Vallorbe	EACH	£9.50
G45813	A = 1.58mm (No.0) HSS	EACH	£5.50

<b>0403WS0</b>	A = 1.58mm (No.0) WS, Vallorbe	EACH	<b>£9.50</b>
<b>G45814</b>	A = 1.78mm (No.1) HSS	EACH	<b>£5.50</b>
<b>0403WS1</b>	A = 1.78mm (No.1) WS, Vallorbe	EACH	<b>£9.90</b>
<b>G45815</b>	A = 1.78mm (No.2) HSS	EACH	<b>£5.50</b>
<b>0403WS2</b>	A = 1.94mm (No.2) WS, Vallorbe	EACH	<b>£9.90</b>
<b>0403WS3</b>	A = 2.16mm (No.3) WS, Vallorbe	EACH	<b>£10.35</b>

## Graver, Oval or Bullsticks



Oval or Bull Stick - Gravers - Vallorbe Swiss

Used mostly on channel, tension and peg cluster settings for engraving accurate hand grooves for the diamond girdle to sit in securely; also known as the chisel tool for sculpturing or chasing.

- Tool Steel (WS) = Length 80mm
- Vallorbe Swiss

Code	Description	UOM	Price
<b>040417</b>	A = 1.70mm (No.17) WS	EACH	<b>£9.95</b>
<b>040421</b>	A = 2.10mm (No.21) WS	EACH	<b>£9.95</b>
<b>040423</b>	A = 2.30mm (No.23) WS	EACH	<b>£9.95</b>
<b>040425</b>	A = 2.50mm (No.25) WS	EACH	<b>£9.95</b>

## Graver, Round Edge



Round Edge (Half Round) - Gravers - Vallorbe Swiss or Unbranded

The round edge graver is predominantly used to grain set. This involves creating grains from the surface of the metal by pushing with the graver from the area immediately around the setting to secure the stone(s) in the set.

- Cut out half round curves and lines when engraving, chasing, decorating or sculpturing.
- Also known as a dotter when letter or script engraving, ideal for the full stop after a script engraved piece
- Tool Steel (WS) = Length 80mm
- High Speed Steel (HSS) = Length 65mm
- Vallorbe Swiss or Unbranded

Code	Description	UOM	Price
<b>G45801</b>	A = 0.20mm (No.2) HSS	EACH	<b>£5.50</b>
<b>0402WS2</b>	A = 0.20mm (No.2) WS, Vallorbe	EACH	<b>£8.95</b>
<b>G45802</b>	A = 0.40mm (No.4) HSS	EACH	<b>£5.50</b>
<b>0402WS4</b>	A = 0.40mm (No.4) WS, Vallorbe	EACH	<b>£8.95</b>
<b>0402WS6</b>	A = 0.60mm (No.6) WS, Vallorbe	EACH	<b>£8.95</b>
<b>G45803</b>	A = 0.60mm (No.6) HSS	EACH	<b>£5.50</b>
<b>0402HSS6</b>	A = 0.60mm (No.6) HSS, Vallorbe	EACH	<b>£12.95</b>
<b>G45804</b>	A = 0.80mm (No.8) HSS	EACH	<b>£5.50</b>
<b>0402HSS8</b>	A = 0.80mm (No.8) HSS, Vallorbe	EACH	<b>£12.95</b>
<b>0402WS8</b>	A = 0.80mm (No.8) WS, Vallorbe	EACH	<b>£9.95</b>
<b>G45805</b>	A = 1.00mm (No.10) HSS	EACH	<b>£5.50</b>
<b>0402WS10</b>	A = 1.00mm (No.10) WS, Vallorbe	EACH	<b>£8.95</b>
<b>G45806</b>	A = 1.20mm (No.12) HSS	EACH	<b>£5.50</b>
<b>0402WS12</b>	A = 1.20mm (No.12) WS, Vallorbe	EACH	<b>£9.95</b>
<b>G45807</b>	A = 1.40mm (No.14) HSS	EACH	<b>£5.50</b>
<b>0402WS14</b>	A = 1.40mm (No.14) WS, Vallorbe	EACH	<b>£8.95</b>
<b>G45808</b>	A = 1.60mm (No.16) HSS	EACH	<b>£5.50</b>
<b>G45809</b>	A = 1.80mm (No.18) HSS	EACH	<b>£5.50</b>

## Graver, Square



Square - Gravers - Vallorbe Swiss

The Square Graver will cut out star shapes into metal and also raises grains to secure the stone and to enhance the look of the stone (Bright cut).

\*Bright cut – the action of cutting the surface of the area where the stone is to be set, in order to enhance the stone.

- Cut out parallel curves and lines when you are engraving, chasing, decorating or sculpting.
- For cutting and turning balance staffs in a watch and clock.
- Tool Steel (WS) = Length 110mm
- High Speed Steel (HSS) = Length 110mm
- Vallorbe Swiss

Code	Description	UOM	Price
<b>0501WS150</b>	A = 1.50mm WS	EACH	<b>£7.95</b>
<b>0501WS175</b>	A = 1.75mm WS	EACH	<b>£7.95</b>
<b>0501WS200</b>	A = 2.00mm WS	EACH	<b>£7.95</b>
<b>0501HSS225</b>	A = 2.25mm HSS	EACH	<b>£17.95</b>
<b>0501HSS250</b>	A = 2.50mm HSS	EACH	<b>£14.95</b>
<b>0501WS250</b>	A = 2.50mm WS	EACH	<b>£7.95</b>
<b>0501HSS275</b>	A = 2.75mm HSS	EACH	<b>£14.95</b>
<b>0501WS275</b>	A = 2.75mm WS	EACH	<b>£7.95</b>
<b>0501HSS300</b>	A = 3.00mm HSS	EACH	<b>£17.95</b>
<b>0501WS300</b>	A = 3.00mm WS	EACH	<b>£7.95</b>
<b>0501WS325</b>	A = 3.25mm WS	EACH	<b>£7.95</b>
<b>0501HSS350</b>	A = 3.50mm HSS	EACH	<b>£17.95</b>
<b>0501WS350</b>	A = 3.50mm WS	EACH	<b>£7.95</b>
<b>0501HSS400</b>	A = 4.00mm HSS	EACH	<b>£17.95</b>
<b>0501HSS600</b>	A = 6.00mm HSS	EACH	<b>£22.75</b>

## Scrapers



Jewellers, Engineers Scraper Tools

Triangular scrapers with & without fluted groove for scraping / removing metal from a surface. They are typically used to cut away unwanted solder, de-burring, trimming sharp edges on sheet metal, and creating a texturing effect.

- Fitted with a wooden handle
- Excellent cutting finished edges
- Superb quality for the price
- Scraper length 70mm
- Overall length 170mm
- With or without fluted groove
- Made in India

Code	Description	UOM	Price
<b>S36353</b>	Triangular, Fluted	EACH	<b>£1.95</b>
<b>S36352</b>	Triangular, Solid	EACH	<b>£1.95</b>

## Scrapers, Black Blade



Jewellers, Engineers Scraper Tools

Triangular, fluted scraper with an extendible black blade for scraping / removing metal from a surface. Typically used to cut away unwanted solder, de-

burring, trimming sharp edges on sheet metal, and creating a texturing effect.

- Knurled metal handle
- Extendible black blade Ø4mm
- Excellent cutting finished edges
- Superb quality for the price
- Scraper length: from 10 to 80mm
- Handle length: 110mm
- With fluted groove
- Made in India

Code	Description	UOM	Price
<b>G39334</b>	Triangular, Fluted - Black Blade	EACH	<b>£4.95</b>

## Scrapers, Faithfull



Jewellers, Engineers Scraper Tools - Faithfull

A hand scraper is a hand tool used to scrape metal from a surface. They are typically used to cut away unwanted solder, de-burring, trimming sharp edges on sheet metal, and creating a texturing effect.

- Fitted with a wooden handle
- Best grade hardened steel
- Excellent cutting finished edges

We supply a large range of sharpening stones ideal for maintained the sharpness of scraping tools, please see the link below to view the complete range.

Code	Description	UOM	Price
<b>S52393</b>	Flat 200mm Engineers Hand Scraper	EACH	<b>£6.95</b>
<b>S52394</b>	Half Round 200mm Engineers Hand Scraper	EACH	<b>£6.95</b>
<b>S51697</b>	Triangular 200mm Engineers Hand Scraper	EACH	<b>£6.95</b>

## Scrapers, Vallorbe



Jewellers, Engineers Scraper Tools, Vallorbe Swiss

Swiss Vallorbe Jewellers' Scrapers Tools are made from the highest quality hardened steel. The cutting edges are ground to perfection giving a razor sharp edge quality.

Their typical uses are for removing inner edge material and to cut away unwanted solder especially from bangles and rings.

Create texturing effects to add contrast to jewellery and deburring sharp edges on sheet metals. Wooden handles are also available for these scraper tools please see link below to see whole range.

Weight:

- 06532 – 5grams
- 06533 – 12 gram

• 06534 – 30 grams

Code	Description	UOM	Price
06532	Ø5.00mm Mechanics Scraper	EACH	£9.95
06533	Ø7.00mm Mechanics Scraper	EACH	£12.25
06534	Ø9.00mm Mechanics Scraper	EACH	£12.95

# HAMMERS & MALLETS

## HAMMERS



Form – Bend - Flatten!

Our range of hammers and Mallets are made in all parts of the world. Our hammers encompass the highest quality, have finely balanced heads for simple and precise swinging as well as smoothly curved handles for an ergonomic grip.

- High grade heads for superior durability, high strength and long lasting working life.
- For working jewellers, silversmiths, model makers, arts/crafts, metal smiths, watch/clock makers and Repairers.

Which hammer do I need?

The hammers shown on this page are designed for a specific purpose or application. Here are some descriptions of the different types of hammers and their uses:

- **Riveting**- comprised of one round and one chisel face. Used for forming metal and for creating a rivet.
- **Ballpien** – a commonly used hammer for shaping and flattening metal and for removing dents; with one round face and one half round domed face.
- **Embossing**- also known as repoussé, its two high domed round faces, this hammer works the metal from the back to form three-dimensional shapes.
- **Forming**- used to move heavy-gauge metal while retaining much of the weight of the original metal. Substantial weight with a slightly rounded face
- **Planishing** - used for hardening metal and for smoothing the surface of gold, silver, brass, stainless steel and other metals.
- **Chasing** - a multipurpose hammer for chasing, chiselling, riveting or peening.
- **Stretching** - Used for expanding metals surface area
- **Polishing** – To creating indents in your metal

with a hammered texture and smooth, shiny finish

Some hammer terms explained:

- **Riveting** – hammering a metal rod in a hole to create a head and fasten something.
- **Repoussé/Embossing** – the shaping of metal in relief by hammering on the reverse side.
- **Chasing** – the process of hammering metal to form a recessed shape
- **Planishing** - the process of hammering metal with a polished hammer to obtain an even surface
- **Chiselling** - by creasing metal over holes and grooves, an alternative riveting technique.
- **Peening** - is the process of hammering on a metal surface to strengthen the material properties of metal by hammering blows.

### Ball Pein

Hammers - Ball Pein

- These hammers are used for flattening, shaping or removing dents
- Constructed with forged steel heads and hardwood handles

Cousins Ball Pein:

- Excellent Quality
- Blue Finished Head
- Finely Polished Ends

Dimensions: Weight x Overall Length x Head Length x Head Ø

### 1oz (28g) 205 x 50 x 8mm



- Overall length 205mm
- Face diameter Ø8mm
- Head length 50mm

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
H39469	1oz (28g) 205 x 50 x 8mm	EACH	£2.15

### 1oz (28g) 210 x 50 x 8mm, Cousins



Cousins - Excellent Quality

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

- Blue Finished Head
- Finely Polished Ends
- Overall Length 210mm
- Head Length 50mm
- Head Ø8mm

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
H19522	1oz (28g) 210 x 50 x 8mm, Cousins	EACH	£4.50

### 2oz (56g) 230x 65 x 10mm



- Overall length 230mm
- Face diameter Ø10mm
- Head length 65mm

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
H39470	2oz (56g) 230x 65 x 10mm	EACH	£2.45

### 2oz (56g) 245 x 60 x 14mm, Cousins



Cousins - Excellent Quality

- Blue Finished Head
- Finely Polished Ends
- Overall Length 245mm
- Head Length 60mm
- Head Ø14mm

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
H19523	2oz (56g) 245 x 60 x 14mm, Cousins	EACH	£4.80

### 4oz (112g) 250 x 65 x 15mm



- Overall length 250mm
- Face diameter Ø15mm
- Head length 65mm

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
H39471	4oz (112g) 250 x 65 x 15mm	EACH	£4.15

### 4oz (112g) 270 x 75 x 15mm, Cousins



Cousins - Excellent Quality

- Blue Finished Head
- Finely Polished Ends
- Overall Length 270mm
- Head Length 75mm
- Head Ø15mm

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
H5107	4oz (112g) 270 x 75 x 15mm, Cousins	EACH	£5.65



## 8oz (200g) 260 x 80 x 20mm



- Overall length 260mm
- Face diameter Ø20mm
- Head length 80mm

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
H39466	8oz (200g) 260 x 80 x 20mm	EACH	£4.50

## Brass, Plastic & Steel

Hammers - Brass - Plastic - Steel

- These hammers offer lightweight, non marking effect.
- Used for forming and bending on metals including gold, silver, copper, brass, etc.

Dimensions: Weight x Head Length x Head Ø

## Brass, 84g (3oz) x 50 x 14mm



- Overall length 240mm
- Length of head 50mm
- Diameter of head Ø14mm
- Weight 84gms (3oz)
- Head faces: 1 domed & 1 flat

Code	Description	UOM	Price
H39472	Brass, 84g (3oz) x 50 x 14mm	EACH	£3.95

## Brass, 84g (3oz) x 60 x 16mm, Bergeon



Bergeon 30416 - Swiss Made

- Overall Length 230mm
- Length of Head 60mm
- Diameter of Head 16mm (5/8")
- Weight 84gms (3oz)
- Head Faces: 1 Domed & 1 Flat

Code	Description	UOM	Price
H0770	Brass, 84g (3oz) x 60 x 16mm, Bergeon	EACH	£17.75

## Brass, 84g (3oz) x 60 x 16mm, Cousins



- Overall Length 230mm
- Length of Head 60mm
- Diameter of Head 16mm (5/8")
- Weight 84gms (3oz)
- Head Faces: 1 Domed & 1 Flat

Code	Description	UOM	Price
H19524	Brass, 84g (3oz) x 60 x 16mm, Cousins	EACH	£8.95

## Brass & Plastic, 55g (2oz) x 51 x 13mm



- Head diameter Ø13mm
- Overall length 235mm
- Head length 51mm

Code	Description	UOM	Price
H19161	Brass & Plastic, 55g (2oz) x 51 x 13mm	EACH	£3.95

## Brass & Plastic, 55g (2oz) x 55 x 14mm



- Head diameter Ø14mm
- Overall length 235mm
- Head length 55mm
- Flat heads
- Aluminium handle

Code	Description	UOM	Price
H39474	Brass & Plastic, 55g (2oz) x 55 x 14mm	EACH	£3.95

## Brass & Plastic, 102g (3.5oz) x 65 x 18mm, Bergeon



Bergeon 30417 - Swiss Made

- Head diameter Ø18mm
- Overall length 235mm
- Head length 65mm
- Brass end
- Synthetic end

Code	Description	UOM	Price
H53241	Brass & Plastic, 102g (3.5oz) x 65 x 18mm, Bergeon	EACH	£11.75

## Brass, Plastic & Steel, 140g (5oz)

### Reposse



- 5 ounces
- Ø25mm head
- 3 screw on heads, brass, nylon and steel
- 260mm overall length

Code	Description	UOM	Price
H45548	Brass, Plastic & Steel, 140g (5oz) Reposse	EACH	£7.85

## Delrin, 56g (2oz) (Rounded & Wedged Faces)



- Overall Length: 260mm
- Length of Head: 90mm
- Diameter of Head: Ø19mm
- Weight: 56g (2oz)
- Head Faces: 1 Rounded & 1 conical wedge

Code	Description	UOM	Price
H45830	Delrin, 56g (2oz) (Rounded & Wedged Faces)	EACH	£4.95

## Delrin, 88g (3oz) (Flat & Wedged Faces)



- Overall Length: 240mm
- Length of Head: 85mm
- Diameter of Head: Ø24mm
- Weight: 88g (3oz)
- Head Faces: 1 Conical wedge & 1 flat

Code	Description	UOM	Price
H37132	Delrin, 88g (3oz) (Flat & Wedged Faces)	EACH	£4.95

## Multi Head, 150g (5.25oz)



Excellent for a wide variety of work - 150g

With 6 interchangeable heads:

- Brass
- Metal
- Ball Pein
- Chisel
- Acrylic
- Regular

Code	Description	UOM	Price
H37829	Multi Head, 150g (5.25oz)	EACH	£4.95

## Steel 84g (3oz) x 40 x 15mm



- Overall length 175mm
- Length of head 40mm
- Diameter of head Ø15mm
- Weight 84gms (3oz)
- Two flat faces

Code	Description	UOM	Price
H39473	Steel 84g (3oz) x 40 x 15mm	EACH	£2.95



Online Discounts

**Steel & Plastic, 60g (2oz) x 55 x 12mm**



- Overall length 180mm
- Length of head 55mm
- Diameter of head Ø12mm
- Weight 60g (2oz)
- Two flat faces
- Steel & plastic face

Code	Description	UOM	Price
H45553	Steel & Plastic, 60g (2oz) x 55 x 12mm	EACH	£2.50

**Chasing (Polishing)**

Hammers - Chasing (Polishing)

Selection of bowed hammers, rounded and rectangular twin heads. Traditional and popular with silversmiths/craft metal workers

- Multi-purpose hammers especially designed for chasing, peening, embossing, polishing and raising
- Well balanced hardwood handles offer comfort to allow more bounce back which reduces strain.
- Highly polished heads

Dimensions:

- Head shape, overall hammer weight (overall length x head length x head width)

**Rectangular 9oz (265 x 115 x 23mm)**



- Two different domed rectangle bowed faces, fine and extra fine
- Overall length 265mm
- Head length 115mm
- Head width 23mm
- 9oz

Dimensions:

Weight x Overall Length x Head Length x Head Size

Code	Description	UOM	Price
H49330	Rectangular 9oz (265 x 115 x 23mm)	EACH	£12.50

**Rectangular 9oz (315 x 115 x 23mm) Chasing**



- Two different extra shallow rectangle bowed faces, fine and extra fine
- Overall length 315mm
- Head length 115mm

- Head width 23mm
- 9oz

Dimensions:

Weight x Overall Length x Head Length x Head Size

Code	Description	UOM	Price
H35286	Rectangular 9oz (315 x 115 x 23mm) Chasing	EACH	£12.50

**Rectangular 17oz (315 x 115 x 28mm) Chasing**



- Two different extra shallow rectangle bowed faces, fine and extra fine
- Overall length 315mm
- Head length 115mm
- Head width 28mm
- 17oz

Dimensions:

Weight x Overall Length x Head Length x Head Size

Code	Description	UOM	Price
H35283	Rectangular 17oz (315 x 115 x 28mm) Chasing	EACH	£12.50

**Round 11oz (310 x 95 x 25mm) Polishing**



- 1 Round flat head Ø25mm
- 1 Ball Ø26mm
- Highly Polished Head
- Overall length 310mm
- Head length 95mm
- 11oz

Dimensions:

Weight x Overall Length x Head Length x Head Size

Code	Description	UOM	Price
H35285	Round 11oz (310 x 95 x 25mm) Polishing	EACH	£12.50

**Round & Flat 17oz (310 x 95 x 25mm) Polishing**

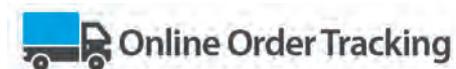


- 1 Round flat head Ø28mm
- 1 Ball Ø30mm
- Highly Polished Head
- Overall length 310mm
- Head length 105mm
- 17oz

Dimensions:

• Weight x Overall Length x Head Length x Head Size

Code	Description	UOM	Price
H52356	Round & Flat 17oz (310 x 95 x 25mm) Polishing	EACH	£12.50



**Round 17oz (310 x 120 x 30mm) Polishing**



- 1 Round domed head Ø30mm
- 1 Round high domed head Ø30mm
- Highly Polished Head
- Overall length 310mm
- Head length 120mm
- 17oz

Dimensions:

Weight x Overall Length x Head Length x Head Size

Code	Description	UOM	Price
H35284	Round 17oz (310 x 120 x 30mm) Polishing	EACH	£12.50

**Chasing, Repousse (Embossing)**

Hammers - Chasing, Repousse (Embossing)

Chasing is the opposite of repousse, and the two are used in conjunction to create a finished piece. It is also known as embossing. Repousse is used to work the reverse of the metal to form a raised design on the front, chasing is used to refine the design on the front of the work by sinking the metal.

- Highly Polished Heads
- One Round Large Surface for chasing or flattening
- One Pein for rivetting, metal design

These hammers have one large smooth face for striking, chasing, chiselling or planishing metal and one round face for riveting, peening or metal design. The well balanced hardwood narrow necked handles offer comfort and reduces hand strain from the repoussé 'bounce back' effect. The surfaces can be final finished & maintained before and after use using emery paper to smooth the surfaces and remove any residue

**4oz, Ø25 x 57 x 260mm**



Weight 4oz

- Overall length 260mm
- Head length 57mm
- Head diameter 25mm

Code	Description	UOM	Price
H19526	4oz, Ø25 x 57 x 260mm	EACH	£6.95

**5oz, Ø25 x 55 x 255mm**



Weight 5oz

- Overall length 255mm
- Head length 55mm
- Head diameter Ø25mm
- Surfaces on these Indian made items may not be as well finished as the more expensive hammers

Code	Description	UOM	Price
H36260	5oz, Ø25 x 55 x 255mm	EACH	£3.95

## 5oz, Ø28 x 60 x 260mm



- Weight 5oz
- Overall length 260mm
  - Head length 60mm
  - Head diameter 28mm

Code	Description	UOM	Price
H19527	5oz, Ø28 x 60 x 260mm	EACH	£7.25

## 6oz, Ø32 x 67 x 260mm



- Weight 6oz
- Overall length 260mm
  - Head length 67mm
  - Head diameter 32mm

Code	Description	UOM	Price
H19528	6oz, Ø32 x 67 x 260mm	EACH	£7.50

## 7oz, Ø25 x 65 x 260mm, Domed Face



- Weight 7oz
- Domed face
  - Head Ø25mm
  - Head length 65mm
  - Overall length 260mm

Code	Description	UOM	Price
H41187	7oz, Ø25 x 65 x 260mm, Domed Face	EACH	£4.95

## Cross Pein

Hammers - Cross Pein - Warrington

- Also known as a Warrington hammer
- Usually used for driving nails, pins and rivets
- The cross pein is used to start the nail or pin, then the hammer is reversed to use the flat head to drive it home
- The steel heads on these hammers have a flat end and a chiselled end for forming and riveting for light to medium work

Dimensions: Weight x Overall Length x Head Length x Head Ø

## 4oz (330 x 100 x 15mm) Cross Pein, Faithful



- Weight 4oz
- Length overall 330mm
- Head length 100mm
- Round head Ø15mm
- Domed chisel width 16mm

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
H5106	4oz (330 x 100 x 15mm) Cross Pein, Faithful	EACH	£8.95

## 8oz (260 x 85 x 23mm) Cross Pein



- Weight 4oz
- Length overall 260mm
- Head length 85mm
- Round head Ø23mm
- Domed chisel width 16mm

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
H39465	8oz (260 x 85 x 23mm) Cross Pein	EACH	£3.95

## Goldsmiths Classic

Hammers - Goldsmiths

- These classic shaped hammers are commonly used in the workshops of goldsmiths
- Also for other kinds of uses for a wide variety of metal working
- With polished heads and hard wood handles the quality is exceptional particularly at this economical price
- The hex heads are flat and highly polished making it ideal for planishing
- The chiselled ends are perfect for riveting and raising, for medium to heavy use

Dimensions:

Head Shapes x Overall Length x Head Length x Head Size

## Hex/Hex (265 x 90 x 16mm)



Dimensions: Head Shapes x Overall Length x Head Length x Head Size

- Overall length 265mm
- Head length 90mm

- Head diameter 16mm

Code	Description	UOM	Price
H31923	Hex/Hex (265 x 90 x 16mm)	EACH	£4.95

## Hex/Chisel (265 x 90 x 16mm)



Dimensions:

Head Shapes x Overall Length x Head Length x Head Size

- Overall length 265mm
- Head length 90mm
- Head diameter 16mm

Code	Description	UOM	Price
H31922	Hex/Chisel (265 x 90 x 16mm)	EACH	£5.75

## Round/Chisel (265 x 90 x 18mm)



Dimensions:

Head Shapes x Overall Length x Head Length x Head Size

- Overall length 265mm
- Head length 90mm
- Head diameter 18mm

Code	Description	UOM	Price
H19525	Round/Chisel (265 x 90 x 18mm)	EACH	£5.95

## Pattern & Texturing

Hammers - Pattern & Texturing

Superb double sided texturing hammers create a fantastic indent (cutting) or raised (blocking) pattern on your metals.

- "Cutting" is the official (Assay office) terminology for creating an indent pattern in your metals
- "Blocking" is the term for creating a raised pattern in your metal
- Experiment with our full range and give your work a unique, one off look by combining different pattern hammers
- Well balanced, hickory wooden handles
- For non-ferrous metals
- Multi-head hammer has 9 differing screw on pattern heads

How to use:

1. One must have a sturdy, flat work surface
2. Place a rubber planishing block on your surface (code D31265) and place a planishing block on top (Alternatively you can use the A34915 dual planishing block, an all in one tool perfect for the texturing hammer pattern process)
3. Place your metal on the planishing steel block and choose a pattern hammer
4. Strike hammer pattern head over metal evenly to create fantastic effects

Dimensions: Overall Length x Head Length x Head Ø x Patterns



**230 x 70 x Ø29mm (Stripes & Chequered)**



Dimensions:  
 • Pattern head size: Ø29mm  
 • Head length: 70mm  
 • Length of hammer: 230mm  
 • Weight: 225 grams

Dimensions: Overall Length x Head Length x Head Ø x Patterns

Code	Description	UOM	Price
H36074	230 x 70 x Ø29mm (Stripes & Chequered)	EACH	£6.95

**230 x 70 x Ø29mm (Stripes & Holes)**



Dimensions:  
 • Pattern head size: Ø29mm  
 • Head length: 70mm  
 • Length of hammer: 230mm  
 • Weight: 225 grams

Dimensions: Overall Length x Head Length x Head Ø x Patterns

Code	Description	UOM	Price
H36075	230 x 70 x Ø29mm (Stripes & Holes)	EACH	£6.95

**250 x 60 x 18mm (9 Various Heads)**



Texturing Hammer - Interchangeable Heads  
 • Overall Length 250mm  
 • Head Length 60mm  
 • Head Ø18mm

Head Patterns Included:  
 Plain - Single Hole - Single Round Raised Spike - Single Square Raised Spike - Single Pyramid Raised Spike - V Groove Stripes - Straight Groove Stripes - Diamond Chequered - Square Chequered

Dimensions: Overall Length x Head Length x Head Ø x Patterns

Code	Description	UOM	Price
H36076	250 x 60 x 18mm (9 Various Heads)	EACH	£16.95

**260 x 65 x 18mm (13 Various Heads)**



Texturing Hammer - Interchangeable Heads  
 • Overall Length 265mm  
 • Head Length 65mm  
 • Head Ø18mm  
 • Weight 425g

Head Patterns Include:  
 Brass flat - Brass Domed - Black Nylon Flat - White Nylon Domed - Round Pin - Square Pin - Tapered Cone - Dimple - Domed - Square Check - Horizontal Lines - Diamond Check - Waves.

Dimensions: Overall Length x Head Length x Head Ø x Patterns

Code	Description	UOM	Price
H41190	260 x 65 x 18mm (13 Various Heads)	EACH	£15.95

**Pattern & Texturing,  
Superior Quality**

Hammers - Pattern & Texturing - Superior Quality

Superb double sided texturing hammers create a fantastic indent (cutting) or raised (blocking) pattern on your metals.

- "Cutting" is the official (Assay office) terminology for creating an indent pattern in your metals
- "Blocking" is the term for creating a raised pattern in your metal
- Experiment with our full range and give your work a unique, one off look by combining different pattern hammers
- Well balanced, hickory wooden handles
- For non-ferrous metals

How to use:

1. One must have a sturdy, flat work surface
2. Place a rubber planishing block on your surface (code D31265) and place a planishing block on top (Alternatively you can use the A34915 dual planishing block, an all in one tool perfect for the texturing hammer pattern process)
3. Place your metal on the planishing steel block and choose a pattern hammer
4. Strike hammer pattern head over metal evenly to create fantastic effects

Dimensions:

- Pattern head size: Ø29mm
- Head length: 70mm
- Length of hammer: 265mm
- Weight: 330grams

**4 Circle (Blocking) & Dimples (Cutting)**



Code	Description	UOM	Price
H36049	4 Circle (Blocking) & Dimples (Cutting)	EACH	£17.95

**Chequered (Cutting) & 6 Circle (Cutting)**



Code	Description	UOM	Price
H36050	Chequered (Cutting) & 6 Circle (Cutting)	EACH	£17.95

**Cross Pattern (Blocking) & 6 Wide Stripe (Cutting)**



Code	Description	UOM	Price
H36051	Cross Pattern (Blocking) & 6 Wide Stripe (Cutting)	EACH	£17.95

**Planishing & Stretching**

Hammers - Planishing - Stretching

Planishing Hammer

- Ideal for the metal smith, the tool for smoothing metals surfaces.

Stretching Hammer

- Using this hammer allows you to really move the metal or expand its surface area. Perfect for making vessels or bowls

Dimensions:

Weight x Overall Length x Head Length x Head Size



## 5oz (275 x 80 x 20) Planishing



- 1 Round head Ø20mm
- 1 Rectangle 19 x 21mm
- Head length 80mm
- Overall Length: 275mm
- Hickory Shaft
- Faithfull

Dimensions:  
Weight x Overall Length x Head Length x Head Size

Code	Description	UOM	Price
H33139	5oz (275 x 80 x 20) Planishing	EACH	£14.75

## 21oz (310 x 120 x 30mm) Stretching



Highly Polished Heads with a well balanced hardwood handles offer comfort to allow more bounce back which reduces strain.

- 1 Round flat face
- 1 Round lightly domed face
- Head Ø30mm
- Head length 120mm
- Overall Length: 310mm

Dimensions:  
Weight x Overall Length x Head Length x Head Size

Code	Description	UOM	Price
H35282	21oz (310 x 120 x 30mm) Stretching	EACH	£11.95

## Riveting Hammer

Hammers - Riveting

A very useful and multi-use hammer, it can be used to stretch wires, making flat head rivets as well as an excellent tool for everyday use in a watchmakers or jewellers workshop.

- Hardwood hammers with quality steel heads offer a chisel-shaped end for riveting with a square flat end for light-duty work
- Square face
- Rectangular shaped handle
- Lightweight
- Popular to use with watch bracelet removing tools, such as our economy bracelet removing set (B31272)

Dimensions: Head Length x Head Size x Overall Length x (Weight)

## 55 x 10 x 190mm (45g)



- 10 x 10mm face
- 55mm head length
- Overall length 190mm

• 45g

Code	Description	UOM	Price
H39467	55 x 10 x 190mm (45g)	EACH	£2.95

## 65 x 12 x 200mm (80g)



- 12 x 12mm face
- 65mm head length
- Overall length 200mm
- 80g

Code	Description	UOM	Price
H39468	65 x 12 x 200mm (80g)	EACH	£2.95

## Silversmiths "Lightweight"

Classic Silversmith Hammers - Lightweight

- Silversmith's hammers
- Embossing, raising, texturing & classic
- Polished steel faces
- Lightweight & easy to handle
- Ergonomic black wooden handle
- Overall length 220mm

See additional information for full specification

## Embossing Hammer



- Two rounded embossing surfaces

Code	Description	UOM	Price
H44312	Embossing Hammer	EACH	£8.95

## Embossing Hammer, Pointed



- One narrow pointed surface
- One rounded pointed surface
- Head length 65mm
- Overall weight 50g

Code	Description	UOM	Price
H44308	Embossing Hammer, Pointed	EACH	£8.95

## Raising Hammer, Narrow



- One 3mm thick face
- One 4mm thick face
- Head length 65mm
- Overall weight 55g

Code	Description	UOM	Price
H44309	Raising Hammer, Narrow	EACH	£8.95

## Raising Hammer, Extra Narrow



- One 1mm thick face
- One 1.5mm thick face
- Head length 70mm
- Overall weight 50g

Code	Description	UOM	Price
H44311	Raising Hammer, Extra Narrow	EACH	£8.95

## Silversmith Classic



- Two rounded faces
- Head length 65mm
- Overall weight 60g

Code	Description	UOM	Price
H44307	Silversmith Classic	EACH	£8.95

## Texturing Hammer



- One crossed surface
- One flat smooth surface
- Head length 70mm
- Overall weight 125g

Code	Description	UOM	Price
H44310	Texturing Hammer	EACH	£8.95

## Watchmakers & Jewellers, A\*F Swiss



A\*F Swiss

Watchmakers/Jewellers & Hobbyists hammers for delicate working.

- Hardwood hammers with high quality steel heads offer a chisel-shaped end for riveting with a flat end for light-duty work
- Popular to use with watch bracelet tools when tapping pin holders for accurate pressure, for example the A\*F Bracelet Pin Remover Set (B0144) and Standard Slots A\*F Bracelet Holding Tool (B0154)

Dimensions: Head Length x Overall Length x Head Diameter x Weight

Code	Description	UOM	Price
H0768	50mm (205 x Ø9mm) 25gms	EACH	£7.85

<b>H8065</b>	60mm (215x Ø10mm) 40gms	EACH	<b>£8.95</b>
<b>H0771</b>	70mm (225 x Ø11mm) 54gms	EACH	<b>£9.35</b>
<b>H0772</b>	80mm (235 x Ø12mm) 70gms	EACH	<b>£10.95</b>

**Watchmakers & Jewellers, Bergeon**



Bergeon Swiss

Watchmakers/Jewellers & Hobbyists hammers for delicate working.

- Hardwood hammers with extremely high quality steel heads offer a chisel-shaped end for riveting with a flat end for light-duty work
- Popular to use with Bergeon watch bracelet tools when tapping pin holders for accurate pressure, for instance Bergeon Bracelet Tool (B0151)
- Bergeon 1438
- Bergeon Swiss

Dimensions: Head Length x Overall Length x Head Diameter x Weight

Code	Description	UOM	Price
<b>H0766</b>	50mm (205 x Ø9mm) 30g	EACH	<b>£16.50</b>
<b>H0769</b>	60mm (215 x Ø9.5mm) 40g	EACH	<b>£16.50</b>
<b>H0767</b>	70mm (220 x Ø10.5mm) 55g	EACH	<b>£16.75</b>
<b>H50907</b>	80mm (235 x Ø12.0mm) 65g	EACH	<b>£16.50</b>

**Watchmakers & Jewellers, Cousins**



Cousins - Excellent Quality

Watchmakers/Jewellers & Hobbyists hammers for delicate working.

- Hardwood hammers with quality steel heads offer a chisel-shaped end for riveting with a flat end for light-duty work
- Popular to use with watch bracelet removing tools, such as our Economy Bracelet Removing Set (B31272)

Dimensions: Head Length x Overall Length x Head Diameter x Weight

Code	Description	UOM	Price
<b>H19517</b>	50mm (205 x Ø9mm) 25g	EACH	<b>£5.25</b>
<b>H19518</b>	60mm (215 x Ø10mm) 35g	EACH	<b>£5.65</b>
<b>H19519</b>	70mm (230 x Ø11mm) 50g	EACH	<b>£5.85</b>
<b>H19520</b>	80mm (235 x Ø12mm) 65g	EACH	<b>£7.65</b>
<b>H19521</b>	90mm (250 x Ø14mm) 95g	EACH	<b>£7.95</b>

**MALLETS**

- Mallet - useful for forming, bending and shaping without scratching or marring surfaces.
- Multitude of face materials available including rawhide, nylon, rubber, wood or plastic.

We have a large range of soft mallets and hammers from all over the world, all made from the best quality materials, ensuring these tools last for life.

Thor Mallets made in Great Britain.

For over 50 years Thor mallets have specialized in the manufacture of these essential tools. This has enabled us to stock a wide range of none damaging, striking solutions for any problem where a hand tool is required.

Thor Mallet's reputation for quality is renowned particularly as it has held the ISO9002 approval since 1992. Users of Thor mallets include jewellers, silversmiths, model makers, light engineers and people in arts and crafts.

Thor also supply a range of mallets made from wood, brass and nylon all with the specific intention not to mark and damage work.

**Brass Mallets**



- Brass plated mallets
- Brass is a soft metal, does not damage what its hitting
- Ideal for use with disc cutters, as it does not damage the cutting tool
- Absorbs blows excellently

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
<b>M41183</b>	1lb (450g) 260 x 65 x Ø25mm	EACH	<b>£11.95</b>
<b>M41184</b>	2lb (900g) 275 x 65 x Ø33mm	EACH	<b>£12.50</b>

**Brass & Nylon Mallets**



- Brass & nylon head mallets
- Two options for your work
- Ideal for use with disc cutters, as it does not damage the cutting tool
- Absorbs blows excellently

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
<b>M45831</b>	5oz (150g) 250 x 90 x Ø25mm	EACH	<b>£7.95</b>
<b>M45832</b>	11oz (315g) 290 x 100 x Ø40mm	EACH	<b>£9.50</b>

**Nylon Mallets**



Mallets with special recoilless feature & unbreakable nylon heads. The centrepiece of the hammer is in welded steel finished in lacquer. Varnished hickory wood handle.

Flat headed mallet provides the brawn to form and shape sheet metal quickly and productively.

- Thor or unbranded
- The hardwood handles give the most ergonomic spring action whilst in use
- Ideal for sheet metal work, shaping rings and forming etc.
- Solid heads
- Nylon will not splinter or fracture when hammering

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
<b>M45833</b>	6oz (175g) 310 x 90 x Ø38mm, Cousins	EACH	<b>£5.50</b>
<b>M33141</b>	6oz (175g) 275 x 90 x Ø38mm, Thor	EACH	<b>£7.95</b>
<b>M45834</b>	9oz (250g) 320 x 90 x Ø50mm, Cousins	EACH	<b>£5.95</b>
<b>M45835</b>	11oz (320g) 330 x 115 x Ø65mm, Cousins	EACH	<b>£7.95</b>
<b>M33142</b>	11oz (320g) 300 x 115 x Ø50mm, Thor	EACH	<b>£10.50</b>

**Nylon Mallets (Screw Ends)**



Our "Cousins Superior" & "Value" special recoilless mallets with unbreakable nylon ends. The centrepiece of the mallet is in welded steel finished in lacquer. Varnished hickory wood handle.

Flat headed mallet provides the brawn to form and shape sheet metal quickly and productively.

- The hardwood handles give the most ergonomic spring action whilst in use
- Ideal for sheet metal work, shaping rings and forming etc.
- With replaceable and interchangeable nylon heads
- Nylon will not splinter or fracture when hammering

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
<b>M47710</b>	6oz (170g) Ø20 x 240 x 85mm	EACH	<b>£3.25</b>
<b>M47708</b>	6oz (170g) Ø25 x 260 x 85mm	EACH	<b>£3.50</b>
<b>H35281</b>	7oz (190g) Ø25 x 250 x 95mm, Cousins Superior	EACH	<b>£7.50</b>
<b>H39475</b>	10oz (275g) Ø30 x 260 x 80mm	EACH	<b>£5.50</b>
<b>M47711</b>	Ø20mm Mallet Face (For M47710)	EACH	<b>£1.50</b>
<b>M47709</b>	Ø25mm Mallet Face (For M47708)	EACH	<b>£1.50</b>
<b>M35299</b>	Ø25mm Mallet Face, Superior (For H35281)	EACH	<b>£1.75</b>
<b>H39476</b>	Ø30mm Mallet Face (For H39475)	EACH	<b>£1.50</b>

## Nylon Mallets (Screw Ends), Thor



Our large range of Thor flat headed mallets provides the brawn to form and shape sheet metal quickly and productively.

- The nylon/ rubber & hardwood handles give the most ergonomic spring action whilst in use.
- Ideal for sheet metal work, shaping rings and forming etc.
- Available with interchangeable nylon heads or complete solid head.
- Handle gives just the right amount of spring when used.

M5319 = Thor THO708  
M5318 = Thor THO710  
M5320 = Thor THO712

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
<b>M5319</b>	9oz (260g) 250 x 100 x Ø25mm	EACH	<b>£7.95</b>
<b>M5318</b>	15oz (425g) 300 x 100 x Ø32mm	EACH	<b>£10.25</b>
<b>M5320</b>	23oz (650g) 300 x 115 x Ø38mm	EACH	<b>£10.50</b>
<b>M5319A</b>	Ø25mm Mallet Face (For M5319)	EACH	<b>£0.98</b>
<b>M5318A</b>	Ø32mm Mallet Face (For M5318)	EACH	<b>£1.65</b>
<b>M5320A</b>	Ø38mm Mallet Face (For M5320)	EACH	<b>£2.05</b>

## Nylon "Bossing" Mallets, Thor



Nylon, non marking heads mounted on wooden handles. These hammers provide the power to form and shape metal sheet quickly, a pre-repousse method.

A bossing mallet has an egg shaped head and is often used with a leather sandbag for hollowing or dishing sheet metal.

- Thor brand
- UK made
- High quality
- Pear shaped
- Ø50, 60 & 70mm

H34112 = Thor 8898SP  
H34113 = Thor 8899SP  
H34114 = Thor 8900SP

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
<b>H34112</b>	7oz (200g) 280 x 50 x Ø50mm	EACH	<b>£15.25</b>
<b>H34113</b>	10oz (275g) 300 x 130 x Ø60mm	EACH	<b>£17.25</b>
<b>H34114</b>	13.5oz (380g) 340 x 130 x Ø70mm	EACH	<b>£22.95</b>

## Rawhide Mallets, Indian



Best Indian mallets exceptional quality for the price.

- Made from natural buffalo hide tightly coiled and pressed 3 times for uniform quality and maximum durability
- Ideal for sheet metal work shaping rings bangles loops etc

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
<b>M34951</b>	3oz (90g) 280 x 75 x Ø25mm	EACH	<b>£3.60</b>
<b>M34952</b>	4oz (120g) 280 x 75 x Ø32mm	EACH	<b>£7.90</b>
<b>M34953</b>	4.5oz (130g) 290 x 75 x Ø38mm	EACH	<b>£8.65</b>
<b>M34954</b>	5oz (150g) 290 x 75 x Ø44mm	EACH	<b>£8.75</b>
<b>M34955</b>	7oz (200g) 310 x 75 x Ø50mm	EACH	<b>£8.95</b>

## Rawhide Mallets, Made in UK



Rawhide mallets made from the finest buffalo hide impregnated with shellac. Varnished handles made from selected ash wood.

- Varnished hides for extra protection
- High quality
- Cylinder shaped
- 7, 9 or 11 ounce
- Hickory handles
- Made in USA or India

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
<b>M44305</b>	4oz (110g) 250 x 70 x Ø32mm, USA	EACH	<b>£9.25</b>
<b>M55169</b>	Ø38mm Rawhide Mallet	EACH	<b>£7.95</b>
<b>M55170</b>	Ø44mm Rawhide Mallet	EACH	<b>£8.50</b>
<b>M44304</b>	9oz (250g) 290 x 80 x Ø45mm, USA	EACH	<b>£12.50</b>
<b>M55171</b>	11oz (310g) 290 x 80 x Ø50mm	EACH	<b>£8.95</b>
<b>M44306</b>	11oz (310g) 290 x 80 x Ø45mm, USA	EACH	<b>£11.95</b>

## Rawhide Mallets, Thor



Made from genuine buffalo hides, tightly coiled and pressed three times for uniform quality and maximum durability.

Ideal for sheet metal work, shaping rings and jewellers etc.

- Thor brand
- High quality
- Cylinder shaped
- Ø38, 44 & 50mm
- Made in Great Britain

M4750 = Thor THO112  
M4751 = Thor THO114  
M4752 = Thor THO116

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
<b>M4750</b>	6.5oz (190g) 265 x 90 x Ø38mm	EACH	<b>£12.75</b>
<b>M4751</b>	9oz (270g) 300 x 90 x Ø44mm	EACH	<b>£15.15</b>
<b>M4752</b>	12oz (340g) 300 x 100 x Ø50mm	EACH	<b>£19.90</b>

## Rubber Mallet, Vitrex

Rubber mallet prevents marking or damaging during hammering unlike using a conventional metal hammer.

- Excellent for repairs and manufacturing on items like silver trays, punch bowls, trophies, fruit bowls or classic car restoration such as bumpers and lights as well as on classic medieval armour.
- Remove dents and restore damaged pieces to the original look.
- Flatten out metal that has been cut or rolled through a rolling mill with no marking of the piece itself.
- If absolutely no marking is necessary in production use a rubber dapping block (code D31265) to hammer on
- Black or white rubber

Dimensions: Weight x Overall Length x Head Length x Head Ø

## 12oz (350g) 250 x 75 x Ø45mm (Black)



- Overall length: 250mm
- Length of head: 75mm
- Face diameter: Ø45mm
- Black rubber

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
M45836	12oz (350g) 250 x 75 x Ø45mm (Black)	EACH	£4.95

**18.5oz (530g) 310 x 85 x Ø50mm (White), Vitrex**



- Overall length: 310mm
- Length of head: 85mm
- Face diameter: Ø50mm
- White rubber

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
M33528	18.5oz (530g) 310 x 85 x Ø50mm (White), Vitrex	EACH	£4.65

**Wooden Mallet**

Hard Boxwood & Wooden Mallets:

- Ideal for sheet metal work
- Flattening and without marring
- Light in weight, no marking

Bossing Mallet:

- Made from traditional hard maple wood, this mallet provides the power to form and shape metal sheet quickly, a pre-repoussé method
- A bossing mallet has an egg shaped head and is often used with a leather sandbag for hollowing or dishing sheet metal
- This heavy duty mallet is a quality addition to your existing mallets

Head diameter in brackets

**Boxwood Mallet (Ø30mm), A\*F Swiss**



- A\*F Swiss 142.209
- Overall length: 220mm
- Length of head: 75mm
- Face diameter: Ø30mm

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
M34907	Boxwood Mallet (Ø30mm), A*F Swiss	EACH	£7.75



**Boxwood Mallet (Ø30mm), Bergeon**



- Bergeon 1447
- Overall length: 225mm
- Length of head: 75mm
- Face diameter: Ø30mm

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
M0962	Boxwood Mallet (Ø30mm), Bergeon	EACH	£7.85

**Wooden Mallet (Ø25mm)**



- Overall length: 230mm
- Length of head: 75mm
- Face diameter: Ø25mm
- Weight 7oz (200g)

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
M45837	Wooden Mallet (Ø25mm)	EACH	£3.95

**Wooden Mallet (Ø40mm)**



- Overall length: 250mm
- Length of head: 90mm
- Face diameter: Ø40mm
- Weight 8oz (225g)

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
M45838	Wooden Mallet (Ø40mm)	EACH	£4.25

**Wooden Mallet (Ø47mm)**



- Overall length: 310mm
- Length of head: 100mm
- Face diameter: Ø47mm
- Weight 9oz (260g)

Dimensions: Weight x Overall Length x Head Length x Head Ø

Code	Description	UOM	Price
M19730	Wooden Mallet (Ø47mm)	EACH	£3.95

**HANDLES FOR FILES, GRAVERS & BROACHES**



Handles for Files, Gravers & Broaches

Take a look at our large range of Handles.

Quick guide to mounting / fitting your various handles:

Graver handles vary in size and shape. Selection depends upon one's own hand grip control and comfort. For these reasons it is common to collect an assortment of handles.

New gravers are normally too long and must be cut back to reduce the excessive length. If the handle is more than a couple of inches long, a new graver would have to be cut back that much more to accommodate one's hand control.

However, as gravers are continually re-sharpened they become shorter. Hence, the change to a longer graver handle should be optioned rather than discarding the graver. Our ranges of quality graver handles are designed for durability. The fine finished hardwood is contoured to provide comfort and a sure grip. A metal band near the opening end secures the graver and acts to keep the wood from splitting when the graver is inserted.

Files come in all kinds of shapes and sizes and selection depends on hand grip, control and comfort. We supply a large range of file handles including with collet grip for needle files (H0858) and twist on handles (H7987) along with hardened traditional wooden handles.

Mounting your files and gravers on to the handles is simple with none collet or twist handles. Please see the guide below to mount the graver correctly.

Handling gravers after preparation is simple. After shaping the graver to the right size put the graver into a vice (V5345) and use vice grips (FDASJ35) so the leather grips do not mark the graver; then heat the blue end with a torch (M4184) for between one and two minutes. Push on the handle making sure the top and bottom end of the graver touches the metal support ring collet. Leave to cool for thirty minutes, the graver is ready to use.

Files are just as easy to mount. Insert the file into a vice (V5345) and use vice grips (FDASJ35) so the leather grips do not mark the file; then heat the 'tang' or the 'grip' end with a torch (M4184) for between one and two minutes. Push on the handle making sure the top and bottom end of the file touches the metal support ring collet. Leave to cool for thirty minutes, the file is ready to use.

## Universal Chucks with Fixed Handle

Wooden Handle - Universal Chuck

Popular range of universal chuck and handle for multiple applications for holding gravers, files, beading, millgrain and many other uses. With a wooden or plastic handles for a comfortable grip.

- Fixed handles
- Wood handles
- Best quality A\*F Swiss

### Zero to Ø2.75mm, Wood Handle

**VALUE**



Universal Chuck with Fixed Wooden Handle

- Overall Length 75mm
- Pear Shaped Handle Daimeter 30mm
- Supplied with 2 Collets
- Weight 60g

Code	Description	UOM	Price
P31900	Zero to Ø2.75mm, Wood Handle	EACH	£2.95

### Zero to Ø2.75mm, Wood Handle

**VALUE**



Universal Chuck with Fixed Wooden Handle

- Overall Length 75mm
- Mushroom Shaped Handle Daimeter 30mm
- Supplied with 2 Collets
- Weight 60g

Code	Description	UOM	Price
P47016	Zero to Ø2.75mm, Wood Handle	EACH	£2.95

### Zero to Ø3.00mm, Wood Handle

Universal Chuck with Fixed Wooden Handle

- Overall Length 75mm
- Oval Shaped Handle Daimeter 40mm
- Supplied with 2 Collets

• Weight 60g

Code	Description	UOM	Price
C55038	Zero to Ø3.00mm, Wood Handle	EACH	£2.95

### Zero to Ø3.00mm, Wood Handle, A\*F Swiss



A\*F Swiss - Universal Chuck with Fixed Wooden Handle

- Overall Length 73mm
- Mushroom Handle Daimeter 34mm
- Supplied with 2 Collets
- Weight 30g

Code	Description	UOM	Price
P1220	Zero to Ø3.00mm, Wood Handle, A*F Swiss	EACH	£8.25

### Zero to Ø3.00mm, Wood Handle, A\*F Swiss



A\*F Swiss - Universal Chuck with Fixed Wooden Handle

- Overall Length 70mm
- Ball Handle Daimeter 34mm
- Supplied with 2 Collets
- Weight 30g

Code	Description	UOM	Price
H47366	Zero to Ø3.00mm, Wood Handle, A*F Swiss	EACH	£8.75

### for Ø2.35mm Shanks, Wood Handle, A\*F Swiss



A\*F Swiss - Universal Chuck with Fixed Wooden Handle

- Closing to Ø3.00mm
- Overall Length 73mm
- Handle Daimeter 34mm
- Handle Mushroom Shape with Cut Out
- Supplied with 1 Collets
- Weight 30g

Code	Description	UOM	Price
H47365	for Ø2.35mm Shanks, Wood Handle, A*F Swiss	EACH	£8.75

## Universal Chucks with Handle, Spindle Mountable

Wooden Handle - Universal Chuck - Spindle Mountable

Easily mounts onto a tapered spindle simply by screwing, the metal ring gives added strength when fixing and removing.

Ideal if you have ever had difficulties drilling, polishing, grinding, etc in small areas because regular mops and abrasives are too large. This added on tool fits tapered spindles with ease. You now can mount a large variety of attachments like Mini Mops, Silicon Finishers and Mounted Roll Sanders/ Drum Sanders etc.

### Zero to Ø2.75mm Universal Handle

**VALUE**



Universal Chuck & Handle

- Overall Length 100mm
- Metal Ring Ø13mm
- Hole Ø7mm approx.
- Handle Daimeter 35mm
- Supplied with 2 Collets
- Weight 45g

Code	Description	UOM	Price
D20130	Zero to Ø2.75mm Universal Handle	EACH	£2.95

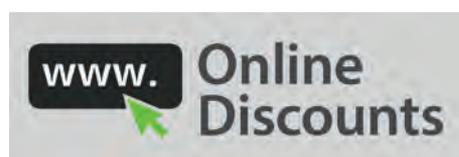
### Ø2.20 to Ø3.00mm Universal Handle, A\*F Swiss



A\*F Swiss - Universal Chuck & Handle

- Overall Length 89mm
- Metal Ring Ø18mm
- Hole Ø7mm approx.
- Handle Daimeter 25mm
- Supplied with 1 Collets
- Weight 30g

Code	Description	UOM	Price
H47368	Ø2.20 to Ø3.00mm Universal Handle, A*F Swiss	EACH	£11.75



Gravers or Scorpers & Deburring

See Page 800



**Universal Chuck with Rotating Handle**

Ø0.00 to 2.50mm WoodX Handle  
**VALUE**



Universal Chuck with Rotating Handle

With drum for extra purchase & grip for power increase etc.

- Overall Length 90mm
- Handle Daimeter 32mm
- Supplied with 2 Collets
- Weight 35g

Code	Description	UOM	Price
P20016	Ø0.00 to 2.50mm Wood Handle	EACH	£3.85

Ø0.00 to 2.80mm Wood Handle  
**VALUE**



Universal Chuck with Rotating Handle

With knurling for extra purchase & grip for power increase etc.

- Overall Length 100mm
- Head Daimeter 20mm
- Supplied with 2 Collets
- Second collet stored in upper part of handle
- Weight 35g

Code	Description	UOM	Price
P33220	Ø0.00 to 2.80mm Wood Handle	EACH	£4.95

Ø0.00 to 3.25mm, Plastic Handle  
**VALUE**



Universal Chuck with Rotating Plastic Handle

With drum for extra purchase & grip for power increase etc.

- Overall Length 85mm
- Handle Daimeter 32mm
- Supplied with 4 Collets
- Weight 100g

Code	Description	UOM	Price
V39485	Ø0.00 to 3.25mm, Plastic Handle	EACH	£4.50

Ø3.00mm to Ø1.80mm, Wood Handle, A\*F Swiss



A\*F Swiss - Universal Chuck with Fixed Wooden Handle

With drum for extra purchase & grip for power increase etc.

- Closing from Ø3.00mm to Ø1.80mm
- Overall Length 95mm
- Handle Daimeter 34mm
- Supplied with 1 Collets
- Weight 48g

Code	Description	UOM	Price
H47367	Ø3.00mm to Ø1.80mm, Wood Handle, A*F Swiss	EACH	£16.95

Universal Needle File Handles



Universal Chuck - Needle File Handles

Popular range of universal chuck handles for holding needle files or other tools with square or round shanks. In wood or plastic triangular shape (to prevent rolling on the bench) these chuck handles will hold files secure for precision work whilst providing a comfortable grip.

- Fixed handles
- Wood or plastic handles
- Ideal for needle files

Code	Description	UOM	Price
H47137	Ø2.50, Red Plastic Handle	EACH	£5.75
H47136	Ø3.50, Blue Plastic Handle	EACH	£3.95
H0858	Ø2.50 to Ø3.30mm, Wood Handle	EACH	£2.20

Broaches, Cutting & Smoothing

See Page 737



Bench Vices

See Page 1070



Quickchange Multi Handle

**VALUE**



A great product, this pair of handles feature allen screws which hold your file, graver or broach in place, meaning that swapping a tool over is as quick and simple as using an allen key

- Set of 2
- Rose wood handles
- Allen key provided
- Ø25mm

Code	Description	UOM	Price
H39428	Quickchange Multi Handle	PACK*2	£6.50

Mushroom



Dimensions are approximate

Code	Description	UOM	Price
H36476	45mm Long, Ø33mm	EACH	£0.60
H36471	52mm Long, Ø30mm	EACH	£0.55

Mushroom with Cut Out



Dimensions are approximate

Code	Description	UOM	Price
H36469	38mm Long, Ø28mm	EACH	£0.55
H4617	45mm Long, Ø33mm	EACH	£0.55
H36470	55mm Long, Ø35mm	EACH	£0.55

PRICE PROMISE GUARANTEE

## Pear

**COUSINSUK**



Dimensions are approximate

Code	Description	UOM	Price
H36474	45mm Long, Ø35mm	EACH	£0.55
H4619	60mm Long, Ø35mm	EACH	£0.65
H4622	90mm Long, Ø27mm	EACH	£0.70

## Round

Dimensions are approximate

**COUSINSUK**



Code	Description	UOM	Price
H4618	40mm Long, Ø38mm	EACH	£0.55

## Round with Flat

**COUSINSUK**



Dimensions are approximate

Code	Description	UOM	Price
H36477	25mm Long, Ø30mm	EACH	£0.65
H36085	30mm Long, Ø35mm	EACH	£0.65

## Straight

**COUSINSUK**



Dimensions are approximate

Code	Description	UOM	Price
H4620	75mm Long, Ø22mm	EACH	£0.80
H4623	100mm Long, Ø10mm	EACH	£0.80
H4621	100mm Long, Ø23mm	EACH	£0.80

## Straight with Mushroom

**COUSINSUK**



- Straight with mushroom head
- 125mm long
- 22mm
- Wooden handle

Dimensions are approximate

Code	Description	UOM	Price
H41189	125mm Long, Ø22mm	EACH	£1.50

## Straight, Acrylic

**BERGEON**



- Bergeon 5091.14
- Acrylic, for gravers or small files

Code	Description	UOM	Price
H0857	80mm Long, Ø20mm	EACH	£6.95

## Straight, Plastic

**VALUE**



- Straight
- Plastic, comfy handle
- 100mm long
- 30mm wide
- 25mm deep
- Fitting hole size Ø10mm
- Colours may vary

Code	Description	UOM	Price
H39454	100mm Long, 25mm Wide	EACH	£0.95

## Straight, Plastic

**VALUE**



- Straight
- Plastic, comfy handle
- 100mm long
- Ø25mm
- Fitting hole size Ø8mm
- With threaded hole for extra grip
- Unbreakable
- Colours may vary

Code	Description	UOM	Price
H39453	100mm Long, Ø25mm	EACH	£1.95

## Straight, Plastic - Quickchange

**VALUE**



- Straight
- Plastic
- Quickchange, simply unscrew the top ring to change files/gravers/scrapers in double quick time
- 90mm long
- Diameter Ø20mm

Code	Description	UOM	Price
H45823	90mm Long, Ø90mm	EACH	£1.75

## Straight, Plastic - Swiss Made

**COUSINSUK**



File handles in blue plastic. Fits the hand perfectly and grips the file tang firmly. Available in different sizes and socket diameters to facilitate all applications.

- Swiss Made
- Best Quality
- Various Handles Sizes
- Various Hole Diameters

Code	Description	UOM	Price
H47138	Small Handle (75mm) Ø2mm Hole	EACH	£0.95
H47139	Small Handle (75mm) Ø3mm Hole	EACH	£0.95
H47140	Small Handle (75mm) Ø4mm Hole	EACH	£0.95
H47141	Small Handle (75mm) Ø5mm Hole	EACH	£0.95
H47142	Medium Handle (90mm) Ø2mm Hole	EACH	£0.99
H47143	Medium Handle (90mm) Ø3mm Hole	EACH	£0.99
H47144	Large Handle (120mm) Ø10mm Hole	EACH	£1.25

## Straight, Plastic - Vallorbe

**vallorbe**



File handles in anti-slip blue plastic with hardened thread insert. Fits the hand perfectly and grips the file tang firmly. Available in different sizes and socket diameters.

- Swiss Made
- Best Quality
- Vallorbe Crocodile Style
- Anti-Slip Plastic
- Hardened Thread Insert

Dimensions: Hole Diameter x Overall Length

Code	Description	UOM	Price
H47145	No.2 - Hole Ø4.20mm, L=94mm	EACH	£3.50
H52224	No.3 - Hole Ø5.30mm, L=94mm	EACH	£3.50
H47146	No.4 - Hole Ø7.00mm, L=105mm	EACH	£3.50
H47147	No.7 - Hole Ø12.5mm, L=131mm	EACH	£3.50

**Straight with "Twist On"**



- A hard ribbed insert firmly grips the file tang when twisted in place
- Maximum capacity Ø7mm
- Length 115mm
- Handle Ø30mm

Code	Description	UOM	Price
H7987	115mm Long, Ø30mm	EACH	£2.20

**JEWELLERY BEADING, STRINGING & THREADING**

**Beading Tool Kit**



Beading Tool Kit

- 8 piece kit
- A great start for your for beading needs
- Supplied in zip lock wallet

Kit contains:

- Snipe nose pliers, 125mm
- Round nose pliers, 125mm
- Side cutter, 125mm
- Beading shears
- Tweezers with curved tips
- Bead scoop (stainless steel)
- 8 compartment storage container x 2 pieces

Code	Description	UOM	Price
B53967	Beading Tool Kit	EACH	£19.95

**Beading Needles**



A handy tool which is great for knotting cord, picking, probing, and wax carving/detailing

- This tool is used to help slide a knot into place when knotting between your beads
- It can also help knotting down into the cup of a bead tip. It is very difficult to coax a knot to fit snugly into position

- Without the aid of this tool the task can be nearly impossible
- This tool is great for untying knots, picking thread and other stuff out of bead holes, knotting pearls, making holes in leather and cloth
- Also great for wax work and detailing

N34926

- Quality steel construction
- Knurled centre grip
- Fine pointed
- Length 160mm
- Weight 22g

B39056

- Fine, steel point
- Comfortable wooden handle
- Length 150mm
- Weight 20g

Code	Description	UOM	Price
N34926	Beading Needle	EACH	£0.95
B39056	Beading Needle, Wooden Handle	EACH	£0.95

**Bead Clamp Levers, Wooden**



Hold beads & rings easily with these wooden bead clamp levers. Featuring 5 different diameter holes or clamps for holding your beads and rings. Made from wood to prevent any damage to your delicate items, these levers make your beads easy to handle, move and work with.

- 3 hole diameters: Ø4, 8, 12mm
- 2 clamp diameters: Ø8 & 12mm
- Spring loaded
- Wooden

Code	Description	UOM	Price
P39565	Bead Clamp Levers, Wooden	EACH	£3.95

**Bead Opener Awl**



Ever had a problem trying to cover a crimp with a bead? Then look no further. The Designer Bead Opener Awl is specifically made to ream out beads, so the opening is wide enough to cover the crimp inside it.

All you have to do is place the awl into your bead, place it into the clear acrylic block, push/ream to open the bead.

Remove, flip, and insert into the other bead hole to fully open the bead.

Cover a crimped connection with the opened base and carefully close with chain nosed (code P4780) or bead crimping pliers (code P35078).

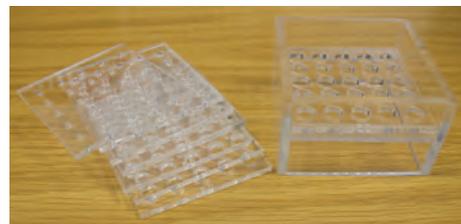
Once covered the connection disappears into your jewellery designs

- Steel construction with soft comfortable plastic handle

Length: 150mm – acrylic block size 25mm square  
Weight: 55 grams

Code	Description	UOM	Price
B34928	Bead Opener Awl	EACH	£5.95

**Bead Organising Sieves**



Excellent tool for quickly and easily sorting your beads into sizes

- Tough, transparent acrylic material
- 8 size sieves
- Box shaped, easy to store and transport
- 350g

Sieve size diameters:

- Ø2.5 - 3.5 - 4.5 - 5.5 - 6.5 - 7.5 - 8.5 - 9.5mm

Code	Description	UOM	Price
B39054	Bead Sorting Box	EACH	£18.95

**Bead Organising Stringing Boards**

Bead Stringing Boards

These wooden bead stringing boards are great organisational and practical tools. They serve to organise your beads as well as aligning them prior to stringing.

**3 Groove Bead Stringing Board**



- Wooden, black finish
- 3 Bead grooves, Ø13mm
- 1 groove for storing needles etc
- 390 x 95 x 15mm

Code	Description	UOM	Price
B39052	3 Groove Bead Stringing Board	EACH	£5.95

**6 Groove Bead Stringing Board**



- Wooden, gloss finish
- 6 Bead grooves, up to Ø9mm
- 520 x 105 x 15mm

Code	Description	UOM	Price
B39053	6 Groove Bead Stringing Board	EACH	£6.95

**Bead Tray for Size 2 to 3mm**

- Capacity 100 Beads
- Size: 160mm x 80mm x 25mm
- Weight 80grms
- Light weight nylon plastic
- Lift up carry handle included no chance of beads getting mixed up when Beading Boards Organizers are put into storage
- Full range of sizes available
- Available in white



Code	Description	UOM	Price
T31253	Bead Tray for Size 2 to 3mm	EACH	£14.95

**Bead Tray for Size 4 to 5mm**

- Capacity 100 Beads
- Size: 110mm x 80mm x 25mm
- Weight 80grms
- Light weight nylon plastic
- Lift up carry handle included no chance of beads getting mixed up when Beading Boards Organizers are put into storage
- Full range of sizes available
- Available in white



Code	Description	UOM	Price
T31254	Bead Tray for Size 4 to 5mm	EACH	£14.95

**Bead Tray for Size 6 to 7mm**

- Capacity 50 Beads
- Size: 110mm x 80mm x 25mm
- Weight 80grms
- Light weight nylon plastic
- Lift up carry handle included no chance of beads getting mixed up when Beading Boards Organizers are put into storage
- Full range of sizes available
- Available in white



Code	Description	UOM	Price
T31255	Bead Tray for Size 6 to 7mm	EACH	£14.95

**Bead Tray for Size 8 to 10mm**

- Capacity 50 Beads
- Size: 210mm x 90mm x 25mm
- Weight 120grms
- Light weight nylon plastic
- Lift up carry handle included no chance of beads getting mixed up when Beading Boards Organizers are put into storage
- Full range of sizes available
- Available in white



Code	Description	UOM	Price
T31256	Bead Tray for Size 8 to 10mm	EACH	£14.95

**Bead Organising Tray 6 Squares & 4 Grooves**



- 540mm x 205mm
- Flocked Designer Beading Board
- Design multi strand necklaces up to 20inch long with this four row board
- Flocked grey surface reduces eye strain
- Marked in 1/2 inch increments
- Six compartments useful for storing beads and small tools
- Weight 135gms

Code	Description	UOM	Price
T31874	Bead Organising Tray 6 Squares & 4 Grooves	EACH	£6.20

**Bead Organising Tray 6 Compartments 3 Strands**



- Flock Velvet
- 330mm x 245mm
- Radiuses Bead Organising Tray
- Flocked Designer Beading Board
- Lay out up to 3 strands
- Maximum length 34 inches on this flocked plastic board
- The high quality grey flocking reduces eyestrain and keeps your beads in place
- Marked in 1/2 inch and 1 inch increments
- 6 compartments useful for storing beads and small tools
- Weight: 90gms

Code	Description	UOM	Price
T31875	Bead Organising Tray 6 Compartments 3 Strands	EACH	£2.95

**Bead Organising Plastic Board**



- Black Plastic
- 330mm x 220mm
- Radiuses Bead Organising Tray
- Lay out one strand
- Maximum length 24 inches
- High quality black plastic so you can see those coloured beads clearly
- Marked in 1/2 inch and 1 inch increments,
- 5 compartments useful for storing beads and small tools
- Weight: 150gms

Code	Description	UOM	Price
B31873	Bead Organising Plastic Board	EACH	£4.10

**Tray for Sorting Beads and Gemstones**



Sorting tray is used to sort stones, diamonds and pearls etc. It has various shapes of grooves and lines to aid efficient sorting.

Code	Description	UOM	Price
T20121	Tray for Sorting Beads and Gemstones	EACH	£3.05

**Bead Reamers, Diamond Impregnated**

Not all bead holes are produced equal because, believe it or not, most of them are manually drilled. Everybody has had the perfect bead for the project, but the hole is either too small, or there is debris stopping your stringing material from passing through. These reamer sets are ideal tools to combat this problem saving you time and money.

- Available in high quality A\*F Swiss or Indian made which for the price is exceptional value
- Smoothens and standardizes holes for ceramic beads, pearls, glass, stone and metal
- For reaming stones and beads always use water as a lubricant with diamond instruments

**Diamond Coated Reamer Set**



- Set of 3 diamond coated bead reamers
- Small reaming point
  - Large reaming point
  - 45 degree edging point
  - Shank Ø3mm
  - Made in India

Code	Description	UOM	Price
R34925	Diamond Coated Reamer Set	PACK*3	£3.95

**Diamond Coated Reamer Set, with Handle**



- Set of 4 diamond coated burrs
- Flat Reaming Pillar
- Small Reaming Point
- Large Reaming Point
- 45 Degree Edging Point
- Shank Ø3mm



- Handle Ø10mm
- Made in India

For reaming stones and beads, always use water as a lubricant with diamond instruments

Code	Description	UOM	Price
B20120	Diamond Coated Reamer Set, with Handle	PACK*4	£9.95

### Diamond Coated Reamer Set, with Handle - A\*F Swiss



A\*F Swiss

An extremely useful tool for working with beads. Used for enlarging and finishing holes. Set of diamond coated reamers stored in a handy aluminium handle with screw cap including one standard tapered reamer, one large tapered reamer for jumbo beads, one countersinks for finishing the edges of holes.

The handle is knurled with a removable rubber grip and pocket clip. The reamers are held in a quick release chuck.

- Set of 3 diamond coated reamers
- Small Reaming Point
- Large Reaming Point
- 45 Degree Edging Point
- Shank Ø3mm
- Handle Ø16mm

For reaming stones and beads, always use water as a lubricant with diamond instruments.

Code	Description	UOM	Price
B4382	Diamond Coated Reamer Set, with Handle - A*F Swiss	PACK*3	£10.85

### Diamond Coated Reamer Set, with Handle - Wooden



- Set of 2 diamond coated burrs
- Reaming Point
- 45 Degree Edging Point
- Shank Ø3mm
- Handle Ø30mm
- Made in India

For reaming stones and beads, always use water as a lubricant with diamond instruments.

Code	Description	UOM	Price
R39057	Diamond Coated Reamer Set, with Handle - Wooden	PACK*2	£4.95

### Bead Scoop



- Easily pick up and move beads of all sizes
- Particularly effective at picking up tiny beads and putting them into a tube
- Pointed, concave end for ease of use
- Stainless steel
- 16cm long

Code	Description	UOM	Price
B45693	Bead Scoop	EACH	£1.25

### Bead Spinner



This simple yet ingenious tool is excellent for mixing and threading your seed beads into amazing and bright colours without the long task of threading each individual bead.

This little bead spinner saves a lot of hand and eye strain as well as time!

How to use:

- Place your selected colour(s) of seed bead into the basin of the spinner.
- If you are using different colours they will mix together when the basin is spun.
- Now take your beading wire or memory wire and make a slight bend in the end to mimic the contour of the inside of the basin.
- Now using the grip at the end of the spinner shaft, spin the basin round in an anti-clock wise direction.
- Keep doing this to keep the basin spinning at a regular medium pace.
- As the basin is spinning insert the curved end of your wire into the spinning beads.
- You will notice the beads start to jump onto the end of your wire!
- Quickly you will find that you have threaded the whole wire in no time at all, forming eye catching random bead patterns!
- Saving time and eye strain this a must for all seed beaders!

Weight: 251g  
Basin opening: 80mm

Code	Description	UOM	Price
B35077	Bead Spinner	EACH	£7.95

### Bead Stoppers



These spring or bead stoppers grip the end of pretty much any thread and stops your beads from falling off.

This gadget works with all types of thread like stretch magic, beadalon and nymo and it hasn't affected the thread in anyway (like kinking or weakening the thread at the point where it grips).

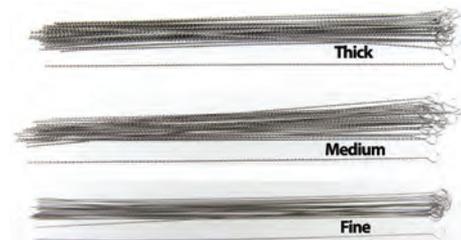
These bead stoppers are easy to use, just pinch the two wing loops together to expand the spring to enable you to place your thread/threads between the springs. No more messing around with stopper beads or using sticky tape.

- Pack 12
- With rubber handles for better grip and protection
- Spring length: 12mm
- Spring overall diameter: Ø10mm
- Spring wire diameter: Ø1.10mm
- Wing size: 15 x 12mm

Dimensions are approximate

Code	Description	UOM	Price
B45692	Bead Stopper Springs	PACK*12	£6.95

### Bead Stringing Spiral Needles



Eye Beading & Stringing Spiral Needles for Beads, Pearls etc.

- These collapsible eye needles are flexible and are particularly nice for stringing beads that have very small holes or for stringing beads onto ribbon.
- Extra-spring wire is kink-resistant and has a specially designed eye that automatically collapses and instantly reshapes when it is pulled through the bead.
- The eye makes it easy to thread and accommodates many sizes of thread cord wire etc.
- Depending on the tightness of the bead leading hole, lock the thread wire or cord and tighten with a pair of pliers; knot the thread in the eye or thread and push the malleable needle in through the bead thus locking the thread in the eye, continue to bead.

In bags of 25pcs available in Various diameters.

- Fine, medium & thick
- Diameter is the wire twisted together

Code	Description	UOM	Price
J33129	Ø0.10mm Fine Needles, Non EU	PACK*25	£3.95
J33130	Ø0.20mm Medium Needles, Non EU	PACK*25	£3.95
J9771A	Ø0.25mm Fine Needles, A*F Swiss	PACK*25	£8.95
J33131	Ø0.30mm Thick Needles, Non EU	PACK*25	£3.95
J9771B	Ø0.35mm Medium Needles, A*F Swiss	PACK*25	£8.95
J9771C	Ø0.50mm Thick Needles, A*F Swiss	PACK*25	£8.95

### Beading Wire End Rounder



The Designer Wire Rounder has a small cup burr at its tip that rounds wire ends.

- Place the end of any size coloured wire, silver, gold copper brass etc. into the cup, push the two firmly together moving left to right twist the tool against the wire for a smooth round end.
- With traditional wooden handle
- Maximum size wire can be rounded Ø1.20mm



- Length 140mm

Code	Description	UOM	Price
W34930	Wire End Rounder Tool	EACH	£3.95

- Silicone gasket, Ø90mm
- Silicone gasket, Ø100mm
- Silicone gasket, solid
- Perforated flask, Ø90 x 100mm
- Sprue base
- Rubber investing pad
- Bell jar, Ø230 x 200mm
- Tongs
- Vacuum Pump Oil

Code	Description	UOM	Price
C52075	"Kaya Cast" Casting Machine, Arbe USA	EACH	£895.00
C55669	Bell Jar for Kaya Cast	EACH	£69.95

## Delft Clay Casting



- Kit includes:
- 2 kg Delft Clay
  - Set of 60mm Aluminium Rings
  - Instructional DVD
  - Users Manual

The Delft Clay Method of Casting became more widely known when the pupils of Hans Karreman started using the method and colleagues became interested in this finding. Gradually the demand for the Delft Clay Method of Casting increased.

The Delft Clay Method of Casting consists of a mould and mouldable Delft clay, in which objects can be cast remarkably sharp and fast.

The Delft Clay is reusable and cannot dry out due to its special composition. For designing his jewellery clock and watch parts, the Delft Clay method of casting started to play a more and more important role. It enabled him to make castings of the basic forms for his designs. Also for restoration of jewellery and objects, the Delft Clay method of casting becomes more important.

Many jewellery and objects, which used to be cast by a professional casting company, he could now cast in his own atelier.

**Clock Parts:**  
Brass acorns, balls, rosette/patera, Garland case ornaments, clock case ornaments, escutcheons, clock feet, finals, door pulls, door handles, hinges, fugit plaques, spandrel clock case corners, regulator top crowns, cuckoo clock top crowns, pendulums weights, plaques, number clock.

**Watch Parts:** cases, bezels, bracelet links, buckles, pocket watch decorations, pocket watch case parts.

**Jewellery:**  
Rings, bracelets, ear rings, jewellery bracelet links, clasp parts, chain links, mounts, pendants, lockets, badges, toe rings, bangles, medals, plaques.

**Antique Furniture:** door pulls, decorative handles, corner decorations etc.

Code	Description	UOM	Price
K30616	Delft Clay Standard Kit	EACH	£54.95

C30617	Delft Clay	2KG	£30.95
R30618	Delft Clay Set of 60mm Rings	EACH	£24.50
R30619	Delft Clay Set of 100mm Rings	EACH	£31.95

## Flasks



- Casting flask
- Wall thickness 3mm (10 SWG gauge)
- Designed to withstand shocks whilst casting
- Used in vacuum casting or centrifugal casting
- Can be used with the same or slightly larger diameter sprue base (see associated item link below)
- Stainless steel

Dimensions:

- Outer diameter x Height

Code	Description	UOM	Price
F45732	Ø45 x 45mm Casting Flask	EACH	£2.95
F45733	Ø50 x 45mm Casting Flask	EACH	£3.50
F52202	Ø50 x 70mm Casting Flask	EACH	£4.95
F45734	Ø65 x 65mm Casting Flask	EACH	£4.95
F45737	Ø75 x 80mm Casting Flask	EACH	£6.95
F45738	Ø75 x 100mm Casting Flask	EACH	£6.50
F45736	Ø90 x 65mm Casting Flask	EACH	£5.95
F45739	Ø90 x 125mm Casting Flask	EACH	£7.95
F45740	Ø100 x 100mm Casting Flask	EACH	£8.25
F45741	Ø100 x 120mm Casting Flask	EACH	£8.50
F45742	Ø100 x 150mm Casting Flask	EACH	£10.95

## Flasks (Perforated)

- Perforated casting flasks
- Wall thickness 3mm (10 SWG gauge)
- Cross bar on top to prevent warping
- Perforated flasks are used in chamber style vacuum casting machines
- The holes on the sides help insure a more perfect cast since the molten metal is being forced into cavities from all directions
- Can be used with the same or slightly larger diameter sprue base (see associated item link below)
- Stainless steel



Dimensions:

- Outer diameter x Height

Code	Description	UOM	Price
F45729	Ø100 x 150mm Perforated Casting Flask	EACH	£19.95
F45730	Ø100 x 180mm Perforated Casting Flask	EACH	£20.75
F45731	Ø100 x 200mm Perforated Casting Flask	EACH	£29.95

# JEWELLERY CASTING, VULCANIZING, WAX INJECTING/MODELLING

## CASTING

### Arbe (U.S.A) Casting Machine



"Kaya Cast" Casting Machine - Arbe USA

Arbe table top casting machines are the professional's choice for casting machines.

This jeweller's table top vacuum casting and investing machine is designed to be a simple, durable and reliable unit. Excellent for casting with perforated or solid wall casting flasks. This machine is easy to use and will provide many years of service.

- Table top casting machine
- Vacuum investment & casting machine
- Spring mounted investment table
- "EZ" flow oil input
- Double line vacuum hose for years of trouble free use
- Extra powerful vacuum (more powerful than others on the market)
- Supplied with flask size adapter plates so can be used with a variety of flask sizes
- Can be used with solid wall or perforated wall flasks
- Full range of accessories included
- Replacement vacuum pump oil our code C1837A
- See PDF above for instructions

Specifications:

- Investment (vacuum) plate size: 280 x 280mm
- Bell Jar: Ø230 x 200mm (Diameter x Height)
- Vacuum pump: 1/2 HP (horse power)
- Vacuum draw: 3CFM (cubic feet per minute)
- Maximum crucible size Ø120 x 180mm (diameter x height)
- Machine dimensions: 60 x 28 x 35cm (width x depth x height)
- 220 to 240 volt
- CE marked
- Made in USA

Machine includes:

- Flask adapter plate, Ø90mm
- Flask adapter plate, Ø100mm
- Flask adapter plate, Solid

S55459	Ø125 x 200mm Perforated Casting Flask	EACH	£33.95
S55460	Ø150 x 250mm Perforated Casting Flask	EACH	£49.95

**Flasks (Sand Casting)**



- Traditional sand casting flask
- Vertical & horizontal filling
- Held securely by two locating pins
- 125 x 85 x 55mm
- Weight 1.25kg

Code	Description	UOM	Price
C39328	Sand Casting Flask	EACH	£8.95

**Flask Ring Gaskets**



- Silicon casting rings
- Used with a perforated casting flask to seal the flask to the vacuum chamber
- 4mm thick silicone
- C55229 & C55230 can be cut to your required size

Dimensions:

- Inner diameter x outer diameter

Code	Description	UOM	Price
C47335	Ø75 x Ø100mm Casting Silicon Ring	EACH	£1.05
C47336	Ø90 x Ø115mm Casting Silicon Ring	EACH	£1.25
C47337	Ø100 x Ø120mm Casting Silicon Ring	EACH	£1.30
C55229	Ø140mm Gasket (Ø10mm Hole)	EACH	£8.95
C55230	Ø190mm Gasket (Ø10mm Hole)	EACH	£9.95

**Injection Wax**

See Page 1289



**Sprue Bases**



- Rubber sprue base
- Tree type
- Heavy duty rubber
- Allows casting flasks to be held in place, forming a leak proof seal
- Melt wax into the center hole and then either add a sprue or attach wax models right to the dome base
- Tree sprue base are perfect for high production jewelry making studios
- 25mm high (internal depth 20m)
- Dimensions given is the internal base diameter

Code	Description	UOM	Price
F45724	Ø50mm Sprue Base	EACH	£1.25
F45725	Ø65mm Sprue Base	EACH	£1.35
F45726	Ø75mm Sprue Base	EACH	£1.45
F45727	Ø90mm Sprue Base	EACH	£1.55
F45728	Ø100mm Sprue Base	EACH	£1.65

**Sprue Base Holder**



- Holder for rubber sprue bases
- Holds rubber sprue bases steady so you can work hands free when placing wax patterns
- Can hold bases Ø50 to Ø150mm diameter
- Adjustable to a wide variety of angles which can then be locked with a simple thumbscrews
- Can be screwed to base
- Powder coated steel

Dimensions:

- Base 80 x 80mm square
- Maximum wing span 180mm

Code	Description	UOM	Price
C55037	Sprue Base Holder	EACH	£9.95

**Sprue Burning Mandrel**



Sprue Burning Mandrel

Heat this over a burner and you can then insert into

your moulds, creating your sprue. Eliminates the need for a sprue forming mandrel.

- Stainless steel
- Wooden handle
- Max cone diameter Ø15mm
- Overall length 205mm

Code	Description	UOM	Price
M39346	Sprue Burning Mandrel	EACH	£2.50

**Sprue Forming Mandrel**

Sprue Forming Mandrel



- Form the passage that your liquid material will pass through with ease (your sprue)
- Made from Brass
- Overall length 50mm
- Max diameter Ø14mm
- Ø2.95mm shank

Code	Description	UOM	Price
M39345	Sprue Forming Mandrel	EACH	£1.20

**Investment Mixing Bowls**



Investment Mixing Bowls

- Made from soft rubber, flexible enough for easy pouring yet strong enough to hold the mixture
- 3 different sizes/capacities
- Perfect for centrifugal casting and lost wax casting
- Also great for general use

Capacities (approx)

- B39339: 750ml
- B39340: 1.70 litres
- B39341: 4.50 litres

Code	Description	UOM	Price
B39339	Ø100mm Rubber Bowl	EACH	£3.95
B39340	Ø150mm Rubber Bowl	EACH	£6.95
B39341	Ø230mm Rubber Bowl	EACH	£11.95

**Spatula**



- Useful for mixing, forming and shaping investment mix, wax or clay
- Flexible stainless steel
- 150 x 25mm blade
- 265mm overall length

Code	Description	UOM	Price
S39347	Spatula	EACH	£2.50

**TODAY** SAME DAY DISPATCH

**TRADE SUPPLIER**

## VULCANIZING

### Arbe (U.S.A) Vulcanizer



Vulcanizer for Rubber Moulds

An industry leading vulcaniser, the precision heating control, extra thick plates & heavy duty cast aluminium frame make this American made vulcaniser the leader in its class.

- Vulcanizer for rubber moulds used in casting
- Plate size: 203 x 127mm (8" x 5")
- Maximum plate opening: 70mm (2 ¾")
- Maximum temperature: 287 °C (550 Fahrenheit)
- Heavy duty cast aluminium frame
- Ultra sensitive bulb and capillary thermostat for precise temperature control
- Steel frame ceramic-mica heating elements for long service life
- Extra thick aluminium plates for constant, even pressure on the rubber mould
- Large circular handle for easy opening and closing of the plates
- All electronics and controls contained within the front panel, making it one of the easiest machines to use
- CE marked
- 230 volt
- See PDF above for instructions
- Arbe USA
- Made in USA

Dimensions:  
• 380 x 200 x 460mm( (width x height x depth)  
• 17.5Kg

Code	Description	UOM	Price
V52071	Vulcanizer, Arbe USA	EACH	£595.00

### Mould Frames, Single Cavity



Single Cavity Mould Frames

- Single cavity mould frames for vulcanisers

- Perfect for creating your silicone or rubber moulds
- Lightweight, durable aluminium
- Sizes given are the cavity dimensions
- Overall mould frame size see additional information

Dimensions:

- Cavity width x length x depth

Code	Description	UOM	Price
F51706	40 x 40 x 15mm Frame	EACH	£18.95
F51707	40 x 60 x 15mm Frame	EACH	£18.95
F51710	50 x 70 x 25mm Frame	EACH	£18.95
F51708	50 x 70 x 35mm Frame	EACH	£18.95
F51712	60 x 80 x 15mm Frame	EACH	£18.95
F51711	60 x 80 x 20mm Frame	EACH	£18.95

### Mould Frames, Transparent for Liquid Casting



See Through Mould Frames (For Liquid Casting)

- "See through" totally transparent cavity mould frames
- For use with all liquid casting rubbers
- Heavy duty industrial bands fit all frame sizes
- Lightweight, durable perspex
- New taller design makes vacuuming easier & reduces spills!
- Made in USA
- Castaldo USA

Dimensions:

- Depth x height x width

Code	Description	UOM	Price
C52347	20 x 135 x 57mm Liquid Mould Frame	EACH	£15.95
C52348	25 x 135 x 57mm Liquid Mould Frame	EACH	£15.95
C52349	32 x 135 x 57mm Liquid Mould Frame	EACH	£15.95
C52350	38 x 135 x 57mm Liquid Mould Frame	EACH	£15.95

## WAX INJECTORS/ MODELLING

The art of wax carving is the process of shaping wax using various tools & equipment.

- We have a wide selection of wax tools, all favourites within the industry
- To carve wax, you first need to choose the appropriate size and shape block or tube and in the preferred hardness of wax
- To smooth over the surface of your ready shaped wax, use some wire wool. Emery paper is likely to clog and not be as efficient
- After your wax mould is finished, excess

wax that has been left over can be melted together and re-used to create other moulds in your casting processes

### Wax Injector, Arbe USA



Wax Injectors

These high quality, industry leading wax injectors use steel frame ceramic-mica heating elements with excellent temperature and pressure control and displays to ensure you get the best wax flow for your moulds everytime.

- Wax injectors
- Maximum temperature: 121 °C (250 Fahrenheit)
- 1.5 or 3 litre capacity available
- Double sealed, no leak nozzle
- Ultra sensitive bulb and capillary thermostat for precise temperature control
- Steel frame ceramic-mica heating elements for long service life
- Zinc plated heavy duty air pressure regulator with easy to read dial
- 3 litre version has a convenient spigot drain allows easy cleaning and draining
- Easy on, easy off lid for easy filling
- Requires compressor, our code C1837
- The air pressure required will vary from 4-5 psi for simple and heavy designs to 9-12 psi for thin and complicated designs
- Air pressure is adjusted by turning the regulator knob, which can also be locked for constant operation
- CE marked
- 230 volt
- See PDF for instructions
- Arbe USA
- Made in USA

See website "more info" for additional specification

Code	Description	UOM	Price
W52072	1.5 Litre Wax Injector	EACH	£395.00
W52074	3 Litre Wax Injector	EACH	£450.00

## Moulding Rubber



See Page 1242

**Wax Injector with Digital Thermostat, Arbe USA**



Wax Injector with Digital Thermostat

This high quality, industry leading wax injector has a digital thermostat for ultimate temperature control, as well as using steel frame ceramic-mica heating elements and having excellent pressure control & display to ensure you get the best wax flow for your moulds everytime.

- Wax injector with digital thermostat
- Maximum temperature: 100 °C (212 Fahrenheit)
- 1.5 litre capacity available (larger capacities available on request)
- Digital temperature control allows you to set precise temperatures for your wax and monitor as required
- Temperature is precisely monitored by a built in sensor
- Double sealed, no leak nozzle
- Ultra sensitive bulb and capillary thermostat for precise temperature control
- Steel frame ceramic-mica heating elements for long service life
- Zinc plated heavy duty air pressure regulator with easy to read dial
- Easy on, easy off lid for easy filling
- Base has pre-drilled holes so you can fit easily to your bench
- Requires compressor, our code C1837
- The air pressure required will vary from 4-5 psi for simple and heavy designs to 9-12 psi for thin and complicated designs
- Air pressure is adjusted by turning the regulator knob, which can also be locked for constant operation
- CE marked
- 230 volt
- Arbe USA
- Made in USA

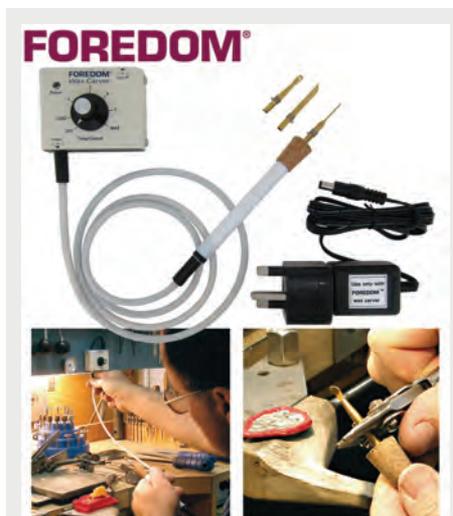
Dimensions:

- 285 x 255 x 305mm (width x depth x height)
- 12.25Kg

Code	Description	UOM	Price
W52073	1.5 Litre Wax Injector, Digital Temperature Control	EACH	£425.00



**Wax Carver - Foredom**



Foredom wax carver, excellent tools, produced by Foredom

- Precision heat control via a dial
- Temperature ranges from 35 ° Celsius (95 ° Fahrenheit) up to 294 ° Celsius (560 ° Fahrenheit)
- Suitable for delicate work or carving harder waxes
- Compact control box, taking hardly any desk space, only 64 x 51mm
- Detachable lightweight handpiece with cork insulation
- Brass tips are easy to clean and change
- Tips can be easily filed to desired shape
- Kit includes 3 tips (No.2, 3 & 4)
- Removable cords for easy storage when not in use
- Flashing LED shows heat intensity
- 230 Volt Transformer
- UK plug
- One year warranty
- CE marked
- Foredom USA

**Foredom Wax Carver Kit**



- Includes 3 tips (No.2, 3 & 4)
- 230 Volt Transformer
- UK plug
- One Year Warranty

Code	Description	UOM	Price
FDKWC2	Foredom Wax Carver Kit	EACH	£169.95

**Tip 1 (Small Flat) Foredom**



- Tip 1
- Small Flat

• For FDKWC2

Code	Description	UOM	Price
FDWT1	Tip 1 (Small Flat) Foredom	EACH	£11.50

**Tip 2 (Straight Taper) Foredom**



- Tip 2
- Straight Taper
- For FDKWC2

Code	Description	UOM	Price
FDWT2	Tip 2 (Straight Taper) Foredom	EACH	£11.50

**Tip 3 (Knife) Foredom**



- Tip 3
- Knife
- For FDKWC2

Code	Description	UOM	Price
FDWT3	Tip 3 (Knife) Foredom	EACH	£11.50

**Tip 4 (Small Spoon) Foredom**



- Tip 4
- Small Spoon
- For FDKWC2

Code	Description	UOM	Price
FDWT4	Tip 4 (Small Spoon) Foredom	EACH	£11.50

**Tip 5 (Curved Taper) Foredom**



- Tip 5
- Curved Taper
- For FDKWC2

Code	Description	UOM	Price
FDWT5	Tip 5 (Curved Taper) Foredom	EACH	£11.50

**Tip 6 (Large Flat) Foredom**



- Tip 6
- Large Flat
- For FDKWC2

Code	Description	UOM	Price
FDWT6	Tip 6 (Large Flat) Foredom	EACH	£11.50

**Tip 7 (Large Spoon) Foredom**

**FOREDOM®**



- Tip 7
- Large Spoon
- For FDKWC2

Code	Description	UOM	Price
FDWT7	Tip 7 (Large Spoon) Foredom	EACH	£14.85

**Handle Only, Foredom**

**FOREDOM®**



- Handle Only
- For FDKWC2

Code	Description	UOM	Price
FDWT82	Handle Only, Foredom	EACH	£82.50

**Handle Cord, Foredom**

**FOREDOM®**



- Handle Cord
- For FDKWC2

Code	Description	UOM	Price
FDWT86	Handle Cord, Foredom	EACH	£16.95

**Wax Carver - Solder Craft**



Wax Carver - Solder Craft

- Compact temperature controlled 10W wax carver/ soldering unit
- Supplied with 4 different shaped wax carver bits
- Iron Stand
- Operating manual
- Electronic, adjustable temperature selection
- Stepless adjustment 100 to 400 °C
- Heater control through LED

- Station size: L x W x H 100 x 65 x 55mm
- Soldering Iron: 12v / 7.5w
- Made in Germany

Technical Data:

- Operating Voltage: AC 230 / 50 Hz (secondary 12 V for soldering iron)
- Power: Max. 10w
- Fuse: 0,08A time lag
- Temperature Adjustment Range: 100 - 400 ° c continuously
- Heating Indication: by LED

Contents:

- Wax carver
- Wax carver Iron (12V/7.5W)
- Wax carver tips
- Wax carver iron Stand
- Operation Manual

Code	Description	UOM	Price
S34687	Temperature Controlled Wax Carver	EACH	£48.95

**Wax Burrs, A\*F Swiss (Boring & Ball)**



A\*F Swiss

Great for boring and shaping holes in designing jewellery from wax carving and wood carving. The wide fluting on these wax burrs removes large amounts of material quickly and helps keep them clog-free for efficient, dependable cutting.

Six coarse-cut burrs that range in diameter from 1.6 to 5.0mm. Includes 4 round ball burrs and 2 boring burrs. Shaft Ø2.35mm (3/32"). Made in Switzerland.

Set Contains:

- Boring Burrs (A\*F 172.850): Ø1.60 - 2.30mm
- Ball Burrs (A\*F 172.851): Ø1.60 - 1.80 - 2.30 - 3.10 - 5.00mm

Code	Description	UOM	Price
B47263	Wax Burr Set, A*F Swiss	PACK*6	£44.95
B47266	Ball Burr Ø1.80mm, A*F Swiss	EACH	£5.95
B47267	Ball Burr Ø2.30mm, A*F Swiss	EACH	£5.95
B47268	Ball Burr Ø3.10mm, A*F Swiss	EACH	£7.95
B47269	Ball Burr Ø5.00mm, A*F Swiss	EACH	£9.95
B47264	Boring Burr Ø1.60mm, A*F Swiss	EACH	£5.95
B47265	Boring Burr Ø2.30mm, A*F Swiss	EACH	£5.95

**Wax Burrs, A\*F Swiss (Hard Metal, Tungsten Carbide Set)**



A\*F Swiss

These coarse cut burrs are perfect not only for carving wax models but also good for wood working. Deep fluting and sharp teeth give a clean cut and fast result with no clogging.

Heads machined from tungsten carbide alloy for longer life. Ten different shapes mounted on industry standard Ø2.35mm (3/32") shanks.

Contains:

- Various shapes 12 to 14mm cutting length (ball Ø6mm)

Code	Description	UOM	Price
B47378	Hard Metal Wax Burr Set	PACK*10	£79.95

**Wax Burrs, Ball, Wolf USA**



Wolf Tools USA - Ball Burrs

- Round wax burrs
- Coarse cut for rapid removal of wax or plastic
- High speed steel
- Ø2.35mm shanks
- Shorter shanks that reduce centrifugal wobble
- Can be used with the Wolf wax trimmers, our codes W50157 & W49235
- Made in USA

Code	Description	UOM	Price
B50908	Ball Burr Ø1.70mm	EACH	£8.50
B50909	Ball Burr Ø3.50mm	EACH	£10.95
B50910	Ball Burr Ø5.00mm	EACH	£11.65
B50911	Ball Burr Ø7.20mm	EACH	£13.35
B50912	Ball Burr Ø8.90mm	EACH	£15.75

Price breaks available, see website

**Wax Burrs, Wolf USA (Cylinder)**



Wolf Tools USA - Cylinder Burrs

- Cylinder wax burrs
- Coarse cut for rapid removal of wax or plastic
- Teeth on the end for milling
- High speed steel
- Ø2.35mm shanks (Ø8.00 & 11.10mm burrs have 3.17mm shanks)
- Shorter shanks that reduce centrifugal wobble
- Can be used with the Wolf wax trimmers, our codes W50157 & W49235
- Made in USA

Code	Description	UOM	Price
B50913	Cylinder Burr Ø3.30mm	EACH	£12.95
B50914	Cylinder Burr Ø4.70mm	EACH	£14.35
B50915	Cylinder Burr Ø6.30mm	EACH	£15.95
B50916	Cylinder Burr Ø8.00mm	EACH	£17.95
B50917	Cylinder Burr Ø11.00mm	EACH	£22.95

Price breaks available, see website

**Wax Carver Set of 4 (Hollow Points)**



- Set of 4 wax carvers
- Hollow points
- 4 distinct shapes
- Double ended tips
- For removing wax for wax modelling/sculpturing ready for casting
- Knurled handles
- Stainless steel
- Supplied in plastic wallet

Code	Description	UOM	Price
W39342	Wax Carver Set	PACK*4	£7.95

**Wax Carver Set of 5**



- Set of 5 wax carvers
- 5 distinct shapes
- Double ended tips
- For removing wax for wax modelling/sculpturing ready for casting
- Knurled handles
- Stainless steel
- Supplied in plastic wallet

Code	Description	UOM	Price
W53991	Wax Carver Set of 5	EACH	£5.95



**Wax Carver Set of 7**



- Set of 7 wax carvers
- Double ended shaped tips
- For removing wax for wax modelling/sculpturing ready for casting
- Knurled handles
- Stainless steel
- Supplied with polished, hard wood stand
- Stand contains carborundum stone for sharpening
- Base: 105 x 65 x 40mm

Code	Description	UOM	Price
W39348	Wax Carvers Set on Wooden Stand	PACK*7	£12.95

**Wax Carver Set of 10**



- Set of 10 wax carvers
- For removing wax for wax modelling/sculpturing ready for casting
- Plastic coated, comfy handles
- Stainless steel blades
- Supplied with in tidy storage and transportation box

Code	Description	UOM	Price
W42911	Wax Carver Set of 10	PACK*10	£11.95

**Wax Carver Set Of 12**



- Set of 12 wax carvers
- Double ended shaped tips
- For removing wax for wax modelling/sculpturing ready for casting
- Knurled handles
- Stainless steel
- Supplied in plastic wallet

Code	Description	UOM	Price
C18356	Wax Carver Set	PACK*12	£5.25

**Wax Carver Set of 19**



- Set of 19 wax carvers in easy use wallet
- Double ended shaped tips
- Superb for removing/shaping wax for modelling, sculpting and casting

Code	Description	UOM	Price
C36315	Wax Carver Set	PACK*19	£8.95

**Wax Carvers (Wolf Tools), Set of 6**



Wolf Tools USA - Wax Carvers No.1 to No.6

- Wolf carvers No.1 to No.6
- Tips are specially made from chromium manganese tool steel
- Colour-coded beechwood handles for easy identification and secured with brass ferrules
- Ideal for carving fine, intricate designs and for accessing recesses, undercut areas and small spaces
- For removing wax for wax modelling/sculpturing ready for casting
- Pack\*6
- Wolf Tools
- Made in USA

Code	Description	UOM	Price
W55122	Wolf Carvers, Set of 6 (No.1 to No.6)	PACK*6	£54.75

**Wax Carvers (Wolf Tools), Set of 6**



Wolf Tools USA - Wax Carvers No.7 to No.12

- Wolf carvers No.7 to No.12
- Tips are specially made from chromium manganese tool steel
- Colour-coded beechwood handles for easy identification and secured with brass ferrules

- Ideal for carving fine, intricate designs and for accessing recesses, undercut areas and small spaces
- For removing wax for wax modelling/sculpturing ready for casting
- Pack\*6
- Wolf Tools
- Made in USA

Code	Description	UOM	Price
W55123	Wolf Carvers, Set of 6 (No.7 to No.12)	PACK*6	£53.95

## Wax Carvers (Wolf Tools), Set of 6



Wolf Tools USA - Wax Carvers No.13 to No.18

- Wolf carvers No.13 to No.18
- Tips are specially made from chromium manganese tool steel
- Colour-coded beechwood handles for easy identification and secured with brass ferrules
- Ideal for carving fine, intricate designs and for accessing recesses, undercut areas and small spaces
- For removing wax for wax modelling/sculpturing ready for casting
- Pack\*6
- Wolf Tools
- Made in USA

Code	Description	UOM	Price
W55124	Wolf Carvers, Set of 6 (No.13 to No.18)	PACK*6	£53.95

## Wax Carvers (Wolf Tools), Set of 18

Wolf Tools USA - Wax Carvers No.1 to No.18



- Wolf carvers No.1 to No.18
- Complete set
- Tips are specially made from chromium manganese tool steel
- Colour-coded beechwood handles for easy identification and secured with brass ferrules
- Ideal for carving fine, intricate designs and for accessing recesses, undercut areas and small spaces
- For removing wax for wax modelling/sculpturing ready for casting
- Pack\*18
- Wolf Tools
- Made in USA

Code	Description	UOM	Price
W55121	Wolf Carvers, Set of 18 (Full Set)	PACK*18	£147.95

**SAME DAY DISPATCH**

**SECURE** **ONLINE ORDERING**

## Wax Carvers (Wolf Tools), Micro Carvers Set of 8

Wolf Tools USA - Micro Wax Carvers



- Wolf micro carvers
- Smaller, more intricate than traditional carvers
- Tips are specially made from chromium manganese tool steel
- Colour-coded beechwood handles for easy identification and secured with brass ferrules
- Ideal for carving fine, intricate designs and for accessing recesses, undercut areas and small spaces
- For removing wax for wax modelling/sculpturing ready for casting
- Pack\*8
- Wolf Tools
- Made in USA

Set contains:

- 90 ° carver with one safety edge and one cutting edge on the end
- 90 ° carver with safety edge on one long side
- Smallest detailing knife
- Small diamond point
- Smallest hollower
- Smallest rake hollower
- Small pavilion tool, with safety edge on one long side
- Small tapered triangle

Code	Description	UOM	Price
W55125	Wolf Micro Carver Set	PACK*8	£89.95

## Wax Carver Assistant for Pendant Motors



This wax trimmer assistant provides a solid and sturdy support for you to accurately trim and carve your wax designs & shanks.

- Wax Trimmer Assistant, from Wolf tools USA
- Attachment fits over a No.30 handpiece
- Ø80mm table top for easy working
- Can be used with a cylinder burr up to Ø11.00mm
- Can be held in a bench vice or hand held
- Stainless steel table stops the wax from sticking
- Designed & created by celebrated wax carving instructor Kate Wolf
- See video link for product demonstration

Code	Description	UOM	Price
W49235	Wax Trimmer Assistant by Wolf Tools	EACH	£59.95

**Online Discounts**

## Wax Carver Assistant for Pendant Motors, Adjustable



This adjustable wax trimmer assistant provides maximum flexibility and accuracy with a solid and sturdy support for you to accurately trim and carve your wax designs & shanks.

- Adjustable Wax Trimmer Assistant, from Wolf tools USA
- Attachment fits over a No.30 handpiece
- Non stick, stainless steel table
- Can be used with a cylinder burr up to Ø11.00mm
- Set the height, angle & position of the burr
- Table is set with a degree gauge for absolute precision
- Can be held in a bench vice or hand held
- Stainless steel table stops the wax from sticking
- Designed & created by celebrated wax carving instructor Kate Wolf
- See video link for product demonstration

Code	Description	UOM	Price
W50157	Adjustable Wolf Wax Trimmer	EACH	£149.95

## Wax Carver Stand

**VALUE**



Wax Carver Stand - Screwdriver Stand - With Sharpening Stone

- Polished hardwood base
- Stand contains carborundum stone for sharpening
- Great for wax carvers, screwdrivers or scribers
- Can hold 7 tools
- Ø6mm openings
- Base: 105 x 65 x 40mm

Code	Description	UOM	Price
W39349	Wax Carver & Screwdriver Stand	EACH	£8.75

**SECURE** **ONLINE ORDERING**

**TRADE SUPPLIER**

**Wax Designing Ring Mandrel Kit**



• Set of 19 Die Collets plus Stand  
Full size 4 - 13 with stand, the aluminium sleeves are clearly marked & finished smoothly so that wax models can slide off.

Design and produce your wax moulds with hands free ease

Code	Description	UOM	Price
M31886	Wax Designing Ring Mandrel Kit	EACH	£83.50

**Wax Files, Needle Set**



Cousins UK - Invest in the Best

Excellent for shaping waxes and other materials, such as wood and plastic. Our files have a wide tooth style which prevents clogging as with conventional files.

Set Contains:

- Set of 6
- Length 140mm
- In plastic wallet
- Shapes: Pillar, Square, Triangle, Round, Half Round, Warding

Code	Description	UOM	Price
W20147	140mm Wax File Set	PACK*6	£3.65

**Wax Files, Swiss Style**

Cousins UK - Invest in the Best



A super economical double ended, half round file to be used with wax, wood, plastic. Excellent value, features two sides, medium and coarse. Has little or no clogging. A light knock is enough to loosen any clogging.

- Half round file
- Length 200mm (8")
- Double ended
- Medium & Coarse Cut

Code	Description	UOM	Price
W20148	Half Round (200mm) Medium & Coarse	EACH	£3.95

**Wax Files, Vul-Crylic, Vallorbe Swiss**



Vallorbe Swiss - Invest in the Best

Swiss made double ended, half round file to be used with wax, wood, plastic. Excellent quality, features two sides, medium and coarse. Has little or no clogging. A light knock is enough to loosen any clogging.

- Vul-Crylic, Swiss Made
- Half round profile
- Length 150, 175 & 200mm (8")
- Double ended
- Medium & Coarse Cut
- Vallorbe 1540

Code	Description	UOM	Price
F47542	150mm (Ø12.50 x 3.50mm) File	EACH	£24.50
F47543	175mm (Ø12.50 x 3.50mm) File	EACH	£25.50
F47544	200mm (Ø12.50 x 3.50mm) File	EACH	£26.95

**Wax Lining Tools**



- Set of 3
- A\*F Swiss
- Double ended
- Patterning tools for surface decoration on wax

Code	Description	UOM	Price
W19468	Wax Lining Tools	PACK*3	£48.95

**Wax Portable Pen**

**Wax Portable Pen**



- Wax "Design Chief" Pen.
- Unique portable wax pen used for styling and carving.
- Uses one AA battery.
- Wax Pen Supplied with regular straight Tip (W12257A)

Code	Description	UOM	Price
W12257	Wax Portable Pen	EACH	£19.95

**Tip (Regular Straight) Design Chief**



- For Wax "Design Chief" Pen (W12257)

Code	Description	UOM	Price
W12257A	Tip (Regular Straight) Design Chief	EACH	£9.95

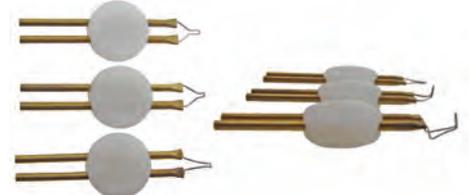
**Tip (Round) Design Chief**



- For Wax "Design Chief" Pen (W12257)

Code	Description	UOM	Price
W12257B	Tip (Round) Design Chief	EACH	£9.95

**Tips, Additional Shapes**



- For Wax "Design Chief" Pen (W12257)
- Pack of 3
- Additional shapes

Code	Description	UOM	Price
W32566	Tips, Additional Shapes	PACK*3	£19.95

**Wax Reamer & Detailer**



- Essential tool for the wax carver jeweller, model maker and designer jewellery artist
- An excellent pinpoint to help with fine detailing whilst wax modelling.
- Carving to a filigree style
- With a spiral edge that will clean the area whilst your designing
- With wooden handle and over point cap

Length: 160mm  
Weight: 10 grams

Code	Description	UOM	Price
R34929	Wax Reamer & Detailer	EACH	£4.95

**Wax Profiles**  
See Page 1290



**Wax Ring Stick**

- Used for ensuring your wax is the correct size before you cut
- Metal with 6 or 4 blades for a professional finish
- Wooden for a lightweight, economical version

**Metal Wax Ring Stick**



- All steel design
- Four cutting blades for professional finish
- Knurled handle for better grip
- Length 225mm
- Minimum diameter Ø11mm, maximum diameter Ø18mm

Code	Description	UOM	Price
W42899	Metal Wax Ring Stick	EACH	£19.95

**Metal Wax Ring Stick, A\*F Swiss**



A\*F Swiss

- All steel design, black finish
- Six cutting blades for professional finish
- Knurled handle for better grip
- Length 225mm
- Minimum diameter Ø13.5mm, maximum diameter Ø20.0mm
- Weight: 350g

Code	Description	UOM	Price
C6260A	Metal Wax Ring Stick, A*F Swiss	EACH	£42.65

**Wooden Wax Ring Stick, ISO & European Sizes**



- Hardwood mandrel
- Steel cutting balde
- One bladed giving you a smooth cutting action
- Lightweight
- European sizes 1 to 36
- ISO sizes 41 to 76
- Length 230mm

Code	Description	UOM	Price
R45723	Wooden Wax Ring Stick, ISO & European Sizes	EACH	£5.95

**Wooden Wax Ring Stick, US Sizes**

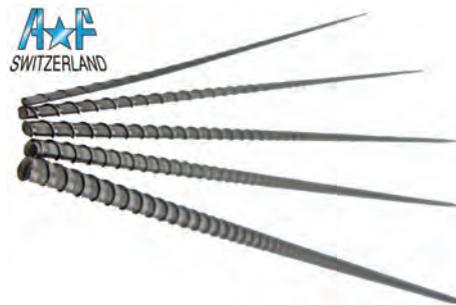


- Hardwood mandrel
- Steel cutting balde

- One bladed giving you a smooth cutting action
- Lightweight
- Sizes: US sizes 2 to 14 or Ø14 to Ø23mm
- Length 230mm

Code	Description	UOM	Price
W36351	Wooden Wax Ring Stick, US Sizes	EACH	£4.95

**Wax Saw Blades, A\*F Swiss**



These round blades with a continuous spiral tooth are ideal for cutting thick pieces of wax. The spiral design allows straight cutting in any direction. They make cuts that are impossible with standard saw blades.

- A\*F Swiss
- Length 130mm
- Made from hardened steel
- Continuous spiral cutting edge
- Cuts many materials: wax, metal, plastic, rubber, bone etc.
- Any shape intricate curves, circles, squares
- Will not clog and can be easily cleaned
- Can be used in a saw frame or pin vice
- Safe will not cut human flesh
- Sold individually
- Fits onto Product Codes S19250, P4798, P4799, P4800 & P4801

Code	Description	UOM	Price
W18559	Ø0.70mm Wax Saw Blade	EACH	£3.75
W18560	Ø1.00mm Wax Saw Blade	EACH	£3.75
W18561	Ø1.30mm Wax Saw Blade	EACH	£3.75
W18562	Ø1.40mm Wax Saw Blade	EACH	£3.75
W18563	Ø1.90mm Wax Saw Blade	EACH	£3.75

**Wax Saw Blades, German**



A unique design for cutting wax, rubber, shell, plaster and more. The teeth spiral up the blade to permit cutting in all directions. They make cuts that are impossible with standard saw blades.

- Made in Germany
- Length 130mm
- Pack\*12
- Made from hardened steel
- Twist spiral cutting edge
- Cuts many materials: wax, metal, plastic, rubber, bone etc.
- Any shape, intricate curves, circles, squares
- Fits onto Product Codes S19250, P4798, P4799, P4800 & P4801

Code	Description	UOM	Price
W39897	Ø0.70mm (2/0) Spiral Wax Saw Blades	Bund*12	£1.95
W39898	Ø0.77mm (0) Spiral Wax Saw Blades	Bund*12	£1.95
W39899	Ø0.80mm (1) Spiral Wax Saw Blades	Bund*12	£1.95
W39900	Ø0.94mm (2) Spiral Wax Saw Blades	Bund*12	£1.95
W39901	Ø1.05mm (3) Spiral Wax Saw Blades	Bund*12	£1.95

W39902	Ø1.07mm (4) Spiral Wax Saw Blades	Bund*12	£1.95
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**Wax Scalpel Carving Kit**



Scalpel - Carving Kit - Sharpening Stone

- Takes Universal Blades, Small Fitting
- Plastic Scalpel Handle (S36316)
- No. 10 Blade x 1 (Replacements S36354)
- No. 11 Blade x 1 (Replacements S36355)
- No. 12 Blade x 1 (Replacements S36356)
- Sharpening Stone, 100 x 10 x 10mm
- Supplied in plastic wallet

Caution: Blades are incredibly sharp

Code	Description	UOM	Price
S37635	Wax Scalpel Carving Kit	EACH	£2.50

**Wax Carving Tool Kit**



- Professional wax carvers/jewellers tool kit
- Supplied in a nylon pouch
- 12 different tools
- Great portable tool kit

Kit includes:

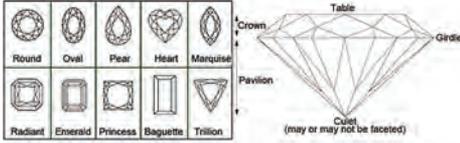
- Sliding brass vernier gauge (G31917)0
- 50mm square (S20127)
- Jewellers shears, straight end (P4796)
- Needle file set of 6
- Adjustable saw frame, 76mm deep (P4798)
- Ruler, 6 inch (R4911)
- Wax carver set of 5
- Wax file (W20148)
- Wax file set of 6 (W20147)

Code	Description	UOM	Price
K45710	12 Piece Wax Carving Tool Kit	EACH	£38.95

**Swann Morton Scalpels**  
**See Page 733**



# JEWELLERY ENGRAVING & STONE SETTING



## ENGRAVING, INSIDE RING

### Inside Ring Engraver



A\*F Swiss 106.620

An excellent quality precision made engraver in hammer finish enamel using a natural diamond cutter. Very stable and easy to use, compact base designed for use on a desk or work bench. Supplied with a conventional reversible template, on one side standard English letters, on the other side italic letters.

- Height 360mm x Width 150mm x Depth 210mm
- 26 letters, 9 digits & 5 signs
- Weight: 5Kg

An inside ring engraving machine is a must for any retail jewellery shop jobber or repairer.

- There is nothing like offering a personnel service for your customers by engraving their messages inside a ring for eternity.
- Sending engraving jobs away to an engraver is fine but there is nothing like having an engraving done while your customers wait improving your customer services which leads to sales decisions straight away.
- The A\*F Swiss is the old original unit which has been around for many generations, popular throughout the world. An extremely well built unit made for precision engraving in mind.
- Using an inside ring engraving machine does not require great skill or training so anyone can learn how to operate one with ease. When you first get your machine of your choice, practice on some blank rings, this will give you the idea how to set the unit up for engraving.
- The unit works on a pantograph system. The pointer below which you move in the engravers round template duplicates the action above with a diamond tip against the inside of the ring hence scribing your letters/signs.

How to use:

1. The machine has a round brass template which has two style of letters as well as numbers
2. The unit has nylon jaws which open and close to lock your ring into the engraving position. The locking/open knob for ring chuck adjusting is located at the bottom next to the circular black gear plate. (please note E35231 has a additional locking clamp on the gear face plate)
3. Once your ring is locked and you have chosen your engraving formation push down the guide pin into the inscribed brass template.
4. Push down the lever left hand side this will place the diamond tip into position on your ring and move the guide point in the scribed letter on the brass template
5. You will notice the point in the centre of the ring moving touching the ring hence engraving a letter number or sign
6. To move to the next letter push the lever up and the black gear plate will move to the next space where you can continue your next letter.
7. One can put more space between letters by adjusting the spacer control knob located on the left hand side of the black gear plate
8. Once you get the hang of it one can proceed with a faster working time.

Code	Description	UOM	Price
E4305	Inside Ring Engraving Machine, A*F Swiss	EACH	£625.00

## GRAINERS (BEAD PATTERNING) & FION PLATES

### Grainer Pliers



These bead setting pliers will replace the common grainers on a great many jobs as they are so much easier to use! No longer will you need to hold items in the ring clamp and on a bench pin, or fill a fragile item with shellac. Can be used to hold stones (culet to table) while being heat set into wax models. This tool will give you the support from the underside you need to do common, everyday tightening and setting in stones, plus many other applications.

- One bead forming jaw & one support jaw
- Ø1.00mm beading jaw
- Easily make bead patterns on the inside of rings
- Spring loaded (double leaf springs)
- Stainless steel
- PVC coated handles
- Overall length 135mm
- Cousins Swiss Style
- Superb Swiss style quality

Code	Description	UOM	Price
P48638	Grainer Pliers	EACH	£9.95



### Grainers by Size



Bead Patterning: For producing a sphere / ball shape final finish to the end of the grain setting and also for creating decorative miniature ball patterns & wire end rounding.

- Length 60mm
- External Ø2.60mm
- Internal Ø listed plus the tool number
- Made in China

Beading tools are essential traditional tools for stone settings:

- The final procedure to secure and perfectly finish diamond / gemstone settings after grain setting
- To pattern miniature balls for decoration on wedding rings and bangles etc
- All beading tools are made from hardened polished steel
- Full range of sizes are available, particularly for pave settings
- Each graining tool is numbered so they are easily identifiable

Code	Description	UOM	Price
B40185	No.1 (Ø0.30mm) Beading Tool	EACH	£0.65
B40186	No.2 (Ø0.35mm) Beading Tool	EACH	£0.65
B40187	No.3 (Ø0.40mm) Beading Tool	EACH	£0.65
B40188	No.4 (Ø0.45mm) Beading Tool	EACH	£0.65
B40189	No.5 (Ø0.50mm) Beading Tool	EACH	£0.65
B40190	No.6 (Ø0.55mm) Beading Tool	EACH	£0.65
B40191	No.7 (Ø0.60mm) Beading Tool	EACH	£0.65
B40192	No.8 (Ø0.65mm) Beading Tool	EACH	£0.65
B40193	No.9 (Ø0.70mm) Beading Tool	EACH	£0.65
B40194	No.10 (Ø0.75mm) Beading Tool	EACH	£0.65
B40195	No.11 (Ø0.80mm) Beading Tool	EACH	£0.65
B40196	No.12 (Ø0.85mm) Beading Tool	EACH	£0.65
B40197	No.13 (Ø0.90mm) Beading Tool	EACH	£0.65
B40198	No.14 (Ø0.95mm) Beading Tool	EACH	£0.65
B40199	No.15 (Ø1.00mm) Beading Tool	EACH	£0.65
B40200	No.16 (Ø1.05mm) Beading Tool	EACH	£0.65
B40201	No.17 (Ø1.10mm) Beading Tool	EACH	£0.65
B40202	No.18 (Ø1.15mm) Beading Tool	EACH	£0.65
B40203	No.19 (Ø1.20mm) Beading Tool	EACH	£0.65
B40204	No.20 (Ø1.25mm) Beading Tool	EACH	£0.65
B40205	No.21 (Ø1.30mm) Beading Tool	EACH	£0.65
B40206	No.22 (Ø1.35mm) Beading Tool	EACH	£0.65

### Grainers by Size, A\*F Swiss



Bead Patterning: For producing a sphere / ball shape final finish to the end of the grain setting and also for creating decorative miniature ball patterns & wire end rounding.

- Individuals:
- A\*F Switzerland

- Length 60mm
- External Ø2.60mm
- Internal Ø listed plus the tool number

Beading tools are essential traditional tools for stone settings.

- The final procedure to secure and perfectly finish diamond / gemstone settings after grain setting
- To pattern miniature balls for decoration on wedding rings and bangles etc
- All beading tools are made from hardened polished steel
- Full range of sizes are available, particularly for pave settings
- Each graining tool is numbered so they are easily identifiable

Code	Description	UOM	Price
B4461	No.0 (Ø0.25mm) Beading Tool	EACH	£0.75
B4462	No.1 (Ø0.30mm) Beading Tool	EACH	£0.75
B4463	No.2 (Ø0.35mm) Beading Tool	EACH	£0.75
B4464	No.3 (Ø0.40mm) Beading Tool	EACH	£0.75
B4465	No.4 (Ø0.45mm) Beading Tool	EACH	£0.75
B4466	No.5 (Ø0.50mm) Beading Tool	EACH	£0.75
B4467	No.6 (Ø0.55mm) Beading Tool	EACH	£0.75
B4468	No.7 (Ø0.60mm) Beading Tool	EACH	£0.75
B4469	No.8 (Ø0.65mm) Beading Tool	EACH	£0.75
B4470	No.9 (Ø0.70mm) Beading Tool	EACH	£0.75
B4471	No.10 (Ø0.75mm) Beading Tool	EACH	£0.75
B4472	No.11 (Ø0.80mm) Beading Tool	EACH	£0.75
B4473	No.12 (Ø0.85mm) Beading Tool	EACH	£0.75
B4474	No.13 (Ø0.90mm) Beading Tool	EACH	£0.75
B4475	No.14 (Ø0.95mm) Beading Tool	EACH	£0.75
B4476	No.15 (Ø1.00mm) Beading Tool	EACH	£0.75
B4477	No.16 (Ø1.05mm) Beading Tool	EACH	£0.75
B4478	No.17 (Ø1.10mm) Beading Tool	EACH	£0.75
B4479	No.18 (Ø1.15mm) Beading Tool	EACH	£0.75
B4480	No.19 (Ø1.20mm) Beading Tool	EACH	£0.75
B4481	No.20 (Ø1.25mm) Beading Tool	EACH	£0.75

## Grainers Sets

Bead Patterning: For producing a sphere / ball shape final finish to the end of the grain setting and also for creating decorative miniature ball patterns & wire end rounding.

Beading tools are essential traditional tools for stone settings.

- The final procedure to secure and perfectly finish diamond / gemstone settings after grain setting
- To pattern miniature balls for decoration on wedding rings and bangles etc
- All beading tools are made from hardened polished steel
- Full range of sizes are available, particularly for pave settings
- Each graining tool is numbered so they are easily identifiable
- Stand available, code S39270

## Beading / Grainer Tool Set of 12, A\*F Swiss



- A\*F Swiss 139.120
- Set of 12
- On Stand with wooden handle
- Contains numbers 2, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14 & 16
- Length 60mm
- External Ø2.60mm
- Internal Ø listed next to tool number

Code	Description	UOM	Price
B4460	Beading / Grainer Tool Set of 12, A*F Swiss	PACK*12	£22.25

## Beading / Grainer Tool Set of 23, Cousins



- Cousins UK European manufactured grainer set
- Set of 23 pieces
- On stand with wooden handle
- Contains numbers 0 to 22
- Length 60mm
- External Ø2.6mm
- Internal diameter stamped on tool

Code	Description	UOM	Price
B35290	Beading / Grainer Tool Set of 23, Cousins	PACK*23	£13.95

## Beading / Grainer Tool Set of 12, Indian



with wooden handle with screw collet fixing

- Set of 12 pieces
- On stand with wooden handle
- Contains numbers 1 to 12
- Length 60mm
- External Ø2.60mm
- Supplied with 2 collets
- Made in India

Code	Description	UOM	Price
S39269	Beading / Grainer Tool Set of 12, Indian	PACK*12	£4.95

## Beading / Grainer Tool Set of 16, Indian



- Set of 16 pieces
- On stand with wooden handle
- Contains numbers 1 to 16
- Length 60mm
- External Ø1.20mm
- Made in India

Code	Description	UOM	Price
B41494	Beading / Grainer Tool Set of 16, Indian	PACK*16	£6.95



## Grainers Stand

- 24 holes for grainers
- Hole diameter Ø2.90mm
- Centre hole diameter Ø33mm
- Can be used for sets B4460, B35290 & S39269



Code	Description	UOM	Price
S39270	Grainer Stand	EACH	£1.95

## Fion Plates

Fion plates are used to sharpen and polish you're beading / graining tools to a high finish.

- Consists of various ball ended hard steel sized cones
- Each corresponds in size to one of the beading/grain tools
- Transfer a highly polished finish onto the stone setting such as pave settings
- Gently move your beading tool in a pivotal motion to shape and polish
- Hold in a traditional wooden grainer handle

## 12 Sizes, Fion Plate, Indian



- Hardened steel points numbered 1 to 12
- Numbered 1 to 12
- Made in India

Code	Description	UOM	Price
B35080	12 Sizes, Fion Plate, Indian	EACH	£14.95

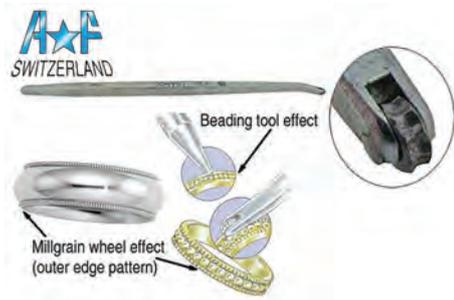
## MILLGRAIN WHEELS

A Millgrain wheel is a petite, decorated wheel that leaves a trail of miniature balls when rolled along a sharp edge of metal.

- Give customers a traditional craftsman touch
- The Millgrain effect is a very popular method for decoration especially on wedding rings and bangles
- Our range of Millgrain wheels are made from carbon steel and are of the female 'raise effect' which leaves an indented pattern
- Can be used both in a hand tool and on a lathe
- Cousins also supply beading tools which will create the same effect but the pattern would be completed one stage at a time opposed to the advantageous roller motion created by the millgrain wheel (please see the illustration)
- A millgrain wheel is a perfect time saver, allowing you to form a train pattern in a fraction of the time it would take with a graver



**Millgrain Wheels**



- A\*F Swiss or unbranded
- Made in France or China
- Length: 70mm
- Thickness of body 2.50 x 2.50mm
- Full range of sizes, in stock, number 0 to 15

The difference between size 0, which measures approximately 0.33mm across, and the largest size 15, which measures approximately 0.62mm, is only 0.29mm. That makes the difference between the sizes approximately 0.02mm. (We say approximately because they are so difficult to measure.) Mill grain tools are marked with a size number from 00 through 15 to help with identification.

**Sizes:**

- 00 = 0.31mm
- 0 = 0.33mm
- 1 = 0.35mm
- 2 = 0.37mm
- 3 = 0.39mm
- 4 = 0.41mm
- 5 = 0.43mm
- 6 = 0.45mm
- 7 = 0.47mm
- 8 = 0.49mm
- 9 = 0.51mm
- 10 = 0.53mm
- 11 = 0.55mm
- 12 = 0.57mm
- 13 = 0.59mm
- 14 = 0.61mm
- 15 = 0.63mm

Code	Description	UOM	Price
M4483	Size 0 Millgrain Wheel, A*F Swiss	EACH	£9.70
M47460	Size 01 Millgrain Wheel	EACH	£3.95
M4484	Size 01 Millgrain Wheel, A*F Swiss	EACH	£9.70
M47461	Size 02 Millgrain Wheel	EACH	£3.95
M4485	Size 02 Millgrain Wheel, A*F Swiss	EACH	£9.70
M47462	Size 03 Millgrain Wheel	EACH	£3.95
M4486	Size 03 Millgrain Wheel, A*F Swiss	EACH	£9.70
M47463	Size 04 Millgrain Wheel	EACH	£3.95
M4487	Size 04 Millgrain Wheel, A*F Swiss	EACH	£9.70
M47464	Size 05 Millgrain Wheel	EACH	£3.95
M4488	Size 05 Millgrain Wheel, A*F Swiss	EACH	£9.70
M47465	Size 06 Millgrain Wheel	EACH	£3.95
M4489	Size 06 Millgrain Wheel, A*F Swiss	EACH	£9.70
M47466	Size 07 Millgrain Wheel	EACH	£3.95
M4490	Size 07 Millgrain Wheel, A*F Swiss	EACH	£9.70
M47467	Size 08 Millgrain Wheel	EACH	£3.95
M4491	Size 08 Millgrain Wheel, A*F Swiss	EACH	£9.70
M47468	Size 09 Millgrain Wheel	EACH	£3.95
M4492	Size 09 Millgrain Wheel, A*F Swiss	EACH	£9.70
M47469	Size 10 Millgrain Wheel	EACH	£3.95
M4493	Size 10 Millgrain Wheel, A*F Swiss	EACH	£9.70
M47470	Size 11 Millgrain Wheel	EACH	£3.95
M4494	Size 11 Millgrain Wheel, A*F Swiss	EACH	£9.70
M47471	Size 12 Millgrain Wheel	EACH	£3.95
M4495	Size 12 Millgrain Wheel, A*F Swiss	EACH	£9.70
M47472	Size 13 Millgrain Wheel	EACH	£3.95
M4496	Size 13 Millgrain Wheel, A*F Swiss	EACH	£9.70
M47473	Size 14 Millgrain Wheel	EACH	£3.95
M4497	Size 14 Millgrain Wheel, A*F Swiss	EACH	£9.70
M47474	Size 15 Millgrain Wheel	EACH	£3.95
M4498	Size 15 Millgrain Wheel, A*F Swiss	EACH	£9.70

**Millgrain Wheels, Extra Large**



- Wheel diameter: Ø6.40mm
- Wheel thickness: 1.10mm
- 30 track beads per mill grain wheel
- Overall length: 67mm
- Made in India

Code	Description	UOM	Price
L36119	Extra Large Millgrain Wheel	EACH	£9.95

**POWER ENGRAVING & MACHINE GRAVERS**

**Hand Held Power Engraver**



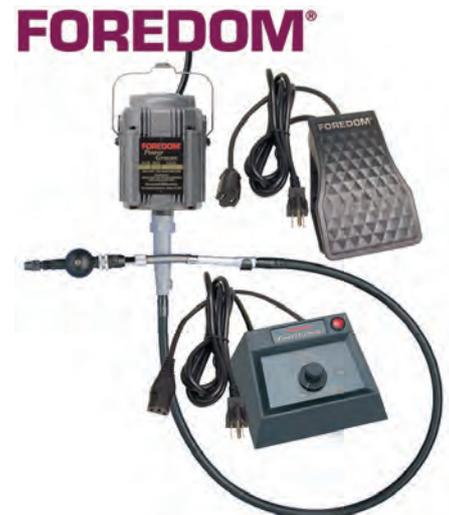
One of the world's best selling electric, hammer action, hand engraving tools.

- A light weight comfortable shape for holding, helping you to engrave with ease
- Full range of ready made engraving bits available to diversify different styles of engraving to your customer, please see links below; but at the same time customize and make your own engraving bits to achieve variable textures
- Engraves on all material types such as gold silver, platinum, copper, brass, aluminium, bronze, pewter, steel, wood, plastics and ceramics
- Motor delivers 7,200 strokes per minute
- Used by jewellery stone setters to close channel settings and for decorative work
- Often used to engrave machines, tools etc with security messages such as postcodes or ID numbers to aid the recovery of items in the case of theft
- Please allow a maximum of twenty minutes continuous use to avoid over heating
- 220V (2 pin)
- 360g
- 2 pin to 3 pin adaptor required, item: A33069
- CE Marked
- Made in Taiwan

Code	Description	UOM	Price
E0527	Engraving Machine, Hand Held	EACH	£19.95
E32961	Tungsten Carbide Tip for Engraver	EACH	£3.95
E32962	Diamond Tip for Engraver	EACH	£16.95



**Foredom Power Graver (Pendant Motor)**



Engraving - Power Graver Kit & Accessories - Foredom

The PowerGraver provides a power assist to stone setting and engraving operations. It is a dedicated unit with specialized components used for Bead, Prong, Channel, Hammer and Bezel Setting, Engraving and other Decorative Work

The 2293 Power Gravers permanent magnet series PG motor is designed for high torque/low speed applications and features a totally enclosed housing with permanently lubricated ball bearings for quiet, trouble-free performance.

The 9D handpiece works and feels like a hand engraving tool with the added advantages of greater control and the ability to adjust the impact force. The unit comes equipped with a special, extra flexible neoprene sheath.

**Kit No. 2293 Includes:**

- PG Permanent magnet motor
- No.9D handpiece
- Collet nos. 602(1/16"), 603 (3/32"), 604 (1/8") and 605 (3mm)
- EMG Dial control
- FCG on/off foot switch
- Grease, handpiece oil
- Accessory FD10215 Carbide stylus
- Accessory FD10177P Anvil point
- Set of 4 gravers: Round, Onglette, Bevel and Flat
- Supplied with 32 minute instructional DVD
- 2 Year Warranty on Power Graver Motor
- CE marked
- Replacement Inner Shaft Cousins Code = FD93

**Additional gravers available:**

- Bevel = Product code G41440
- Flat = Product code G41441
- Onglette = Product code G41439
- Round = Product code G41438

Click website "More Information" for full specification.

Code	Description	UOM	Price
FD22932	Power Graver Kit, Foredom	EACH	£399.95
FD10177P	Anvil Point, Foredom Power Graver	EACH	£4.35
FDR15G	Pave Point, Foredom Power Graver	EACH	£29.75
FD10215	Carbide Stylus, Foredom Power Graver	EACH	£29.95
FDH9D	Handpiece No H.9D, Foredom Power Graver	EACH	£156.95
D48845	Instructional Power Engraver DVD	EACH	£2.95



**Vallorbe Power Graver, Enset Compact**



Vallorbe Power Graver - Enset Compact

The same as the EnSet Original, but with only 1 handpiece port

The Glardon Vallorbe EnSet compact by Syenset is an innovative pneumatic engraving and stone setting system for all jewellers and metalsmiths. The EnSet has patent pending technology that allows users to control EnSet handpieces fitted with gravers, beading tools, hammer tips and other tools with great power and sensitivity. Set stones and engrave with effortless precision.

- For engravers, jewellers, stone setters and hobbyists
- Operating gravers, beading tools, hammer tips, chisels and millgrain tools
- Working from a single hit to an adjustable rate ranging from 60 to 1500 hits per minute
- Minimal air requirements: 0.02 - 0.03 litres minimum at the maximum 3 bar setting
- Zero air use during standby mode
- Single port, meaning 1 handpiece can be used
- Auto-purging system, quick change connectors
- Offering power and control thanks to its large adjustment capacity
- Desktop unit controls the rest of the parameters, adjusting pressure and power by a large dial control and easy to read analogue display
- Enset © foot pedal offers precise control on air pulses per minute while cutting
- Analogue display
- Sealed units protect against fluids, such as water or oil contamination
- Compact size, easy to fit on or under your desk
- Handpiece supplied separately, please see our codes E53295 & E53296
- Requires compressor, see our code C12606
- Dual voltage, 110/220 volt
- Glardon Vallorbe

- Included:
- EnSet compact desktop control with 1 handpiece port
  - Foot pedal
  - Purging bowl with filter
  - Multi voltage power adapter
  - User manual
  - Handpiece is supplied separately, please see our codes E53295 & E53296

Dimensions:  
 • 200 x 145 x 135 (height x width x depth)  
 • 5.5Kg

Code	Description	UOM	Price
E53294	Enset Compact	EACH	£825.00

**Vallorbe Power Graver, Enset Original**



Vallorbe Power Graver - Enset Original

The Glardon Vallorbe EnSet Original by Syenset is an innovative pneumatic engraving and stone setting system for all jewellers and metalsmiths. The EnSet has patent pending technology that allows users to control EnSet handpieces fitted with gravers, beading tools, hammer tips and other tools with great power and sensitivity. Set stones and engrave with effortless precision.

- For engravers, jewellers, stone setters and hobbyists
- Operating gravers, beading tools, hammer tips, chisels and millgrain tools
- Working from a single hit to an adjustable rate ranging from 60 to 1500 hits per minute
- Minimal air requirements: 0.02 - 0.03 litres minimum at the maximum 3 bar setting
- Zero air use during standby mode
- Dual port, meaning 2 different handpieces can be used
- Auto-purging system, quick change connectors
- Offering power and control thanks to its large adjustment capacity
- Desktop unit controls the rest of the parameters, adjusting pressure and power by a large dial control and easy to read analogue display
- Enset © foot pedal offers precise control on air pulses per minute while cutting
- Analogue display
- Sealed units protect against fluids, such as water or oil contamination
- Compact size, easy to fit on or under your desk
- Handpiece supplied separately, please see our codes E53295 & E53296
- Requires compressor, see our code C12606
- Dual voltage, 110/220 volt
- Glardon Vallorbe

- Included:
- EnSet compact desktop control with 2 handpiece ports
  - Foot pedal
  - Purging bowl with filter
  - Multi voltage power adapter
  - User manual
  - Ø3mm tubing for handpiece
  - Handpiece is supplied separately, please see our codes E53295 & E53296

Dimensions:  
 • 200 x 145 x 135 (height x width x depth)  
 • 5.5Kg

Code	Description	UOM	Price
E53293	Enset Original	EACH	£1,325.00

**Vallorbe Power Graver, Enset Engraving Handpiece**



Vallorbe Power Graver - Enset Engraving Handpiece

A versatile handpiece to assist engraving, stone setting, hammering, beading and other creative artistic applications.

- Complete engraving handpiece
- Supplied with 3 size collets: Ø1.90, 2.50 & 3.50mm
- Comfortable wooden handle
- Plastic tool tray
- Glardon Vallorbe

Code	Description	UOM	Price
E53295	Enset Engraving Handpiece	EACH	£295.00
E53297	Ø1.90mm Collet	EACH	£8.25
E53298	Ø2.50mm Collet	EACH	£8.25
E53299	Ø3.50mm Collet	EACH	£8.25

**Vallorbe Power Graver, Enset Filing Handpiece**

Vallorbe Power Graver - Enset Filing Handpiece



A handpiece, combined with the most modern escape and ceramic files available on the market. Perfect for smoothing jewellery surfaces, die or injection moulds. Files many other metals and materials.

- Complete filing handpiece
- It has a set screw tool holder with a maximum capacity of 4.3mm
- Also included are 2 slotted brass ceramic file holders
- Stroke length from 0.5 to 8mm
- Comfortable wooden handle
- 3 replacement internal springs included
- Glardon Vallorbe

Code	Description	UOM	Price
E53296	Enset Filing Handpiece	EACH	£265.00

**Gravers (Machine) Foredom**

**FOREDOM®**



Machine Gravers - Foredom - Made in USA

Bevel - Flat - Onglette - Round

- Machine gravers from Foredom
- High speed steel (HSS)
- Best quality
- Will fit various power gravers
- Made in USA

Code	Description	UOM	Price
G41440	Bevel Machine Graver	EACH	£17.25



G41441	Flat Machine Graver	EACH	£17.25
G41439	Onglette Machine Graver	EACH	£17.25
G41438	Round Machine Graver	EACH	£17.25

**Gravers (Machine) Ferri**



Flat - Onglette - Round

- Machine gravers
- High speed steel (HSS)
- High quality
- Will fit various power gravers

Code	Description	UOM	Price
G45784	Flat 0.6mm (No.6) HSS	EACH	£5.95
G45785	Flat 0.8mm (No.8) HSS	EACH	£5.95
G45786	Flat 1.0mm (No.10) HSS	EACH	£5.95
G45787	Onglette 1.78mm (No.1) HSS	EACH	£5.95
G45788	Onglette 1.94mm (No.2) HSS	EACH	£5.95
G45789	Onglette 2.16mm (No.3) HSS	EACH	£5.95
G45790	Round 0.60mm (No.6) HSS	EACH	£5.95
G45791	Round 0.80mm (No.8) HSS	EACH	£5.95

**SPHERICAL ENGRAVERS BLOCKS**



Engravers Spherical Revolving Blocks are ideal equipment for holding work. Also known as the Engravers Ball they have been used for well over 110 years by many types of craftspeople.

Hand engraving, stone setting, chasing and sculpturing on precious or non precious metals is one of the few arts which many craftspeople still really excel at all over the world, even today.

It is also one in which the best modern work can bear comparison with the best of any age. Practice to develop ones skills will earn you a reputation as a true artist and craftsman.

Engraving is so decorative and useful in many fields of production that its future sets one up for securing customer orders. The demand for high quality hand engraving, stone setting, chasing and sculpturing is encouragingly big because no-machine made substitute has yet been evolved to replace it. To do fine work is always rewarding in a broad sense, and one can predict with some confidence that skilled craftspeople will continue to offer adequate

rewards financially as well even in the present highly mechanised times.

Cousins Material House offers a wide range of tools and equipment ideal for holding work for all of those crafting needs. View the links below to view the wide range of departments on our website.

We have a selection of Spherical Revolving Blocks from Italy and India. The Italian blocks are made to a very specific, high quality while the Indian equivalent comprises exceptional quality for a highly competitive price.

- Work and hold virtually anything to engrave, set, sculpture, chase, etc including on jewellery, knives, swords, pens, lighters, plaques, trophies, ornaments, tankards, cups, watches, clocks, almost anything to engrave stone set sculpture chase etc
- Jewellers' Vice (code V1824) is an insightful accessory to use with this tool; by unscrewing the handle, clamp in the engraver's ball to add a finer holding apparatus.

**Ring Holder for Engravers Blocks**



- Easily engrave & set rings with this new ring holder for engravers block
- This tool gives you 360°, multi dimensional access to the ring
- Simply clamp the stand into your block
- Holds the ring in an upright position
- Supplied with adjustable 7 delrin collets: Ø11, 13, 15, 17, 19, 21 & 23mm (approximate)
- Collets made from durable delrin, offering longevity as well as protection to the precious metal
- Suitable for use with all our engravers blocks
- 80 x 25 x 25mm (overall dimensions)
- Steel construction
- Made in Taiwan

Code	Description	UOM	Price
E49492	Ring Holder for Engravers Block	EACH	£24.95

**Ø75mm Block (2.8Kg) Cousins**



Engravers Spherical Block - High Quality

Comprising a dual-ball bearing system, this tool enables a smooth 360° rotation whilst also preventing detrimental wear. This high quality engravers spherical

block provides European style manufacturing at affordable prices

- Spherical block sits on plastic base and rotates 360°
- Can also be positioned at an angle for maximum flexibility
- Top half of spherical block also rotates 360°
- Machined from solid hardened steel with a matt finish
- Two polished steel jaws with a combined total of 24 positioning holes for your pins and jaws
- Full set of 28 positional jaws and bins included (see below) supplied in a plastic storage box
- Superior quality
- Made in Taiwan

Dimensions:

- Ball Diameter: 75mm
- Jaw Width: 40mm
- Jaw Height: 30mm
- Max. Opening: 50mm
- Overall size of ball: Ø75 x 100mm
- Weight: 2.8kg

Pins & jaws:

- Rectangular pins with insert curve x 2
- Flat square pins x 4
- Thick round pins with insert curve x 4
- Cylinder pins x 8
- Cylinder pins with rubber coating (short) x 4
- Cylinder pins with rubber tall (short) x 4
- Ring clamp pins x 2

Code	Description	UOM	Price
E49490	Engravers (Small) Revolving Block & Accessories	EACH	£114.95

**Ø80mm Block (2.2Kg) OMO**



Engravers Spherical Block - Italian

Comprising a dual-ball bearing system, this tool enables a smooth 360° rotation whilst also preventing detrimental wear. The Italian Engravers Spherical Revolving Block combines outstanding quality with high value for holding work.

- Control the rotational resistance in a full circular position, with an integrated rotational brake system.
- Machined from solid hardened steel and comprising a complete blackened finish to reduce glare and eye strain.
- Rests on a smooth, finished, aluminium collar providing a smooth and multi-directional 360°C movement.
- Its two jaws each have 5 machined holes giving maximum control when positioning awkwardly shaped pieces.
- Full range of accessories are sold separately, please see below (code E8358).

Dimensions:

- Ball Diameter: 80mm
- Jaw Width: 40mm
- Jaw Height: 20mm
- Max. Opening: 35mm
- Overall size of ball 80 mm x 95mm
- Weight: 2.2kg

Code	Description	UOM	Price
E8345	Engravers (Small) Revolving Block, Italian	EACH	£275.00
E8358	Engravers Block Accessory Set for E8345	EACH	£84.95

Ø80mm Block (2.2Kg) Value



Engravers Spherical Block

Comprising a dual-ball bearing system, this tool enables a smooth 360 ° rotation whilst also preventing detrimental wear. The Indian Engravers Spherical Revolving Block combines outstanding quality with high value for holding work.

- Control the rotational resistance in a full circular position, with an integrated rotational brake system.
- Machined from solid hardened steel with a polished finish and comprising completely blackened jaws; finished to reduce glare and eye strain.
- Rests on a smooth, finished, aluminium collar providing a smooth and multi-directional 360 °C movement.
- Its two jaws have twenty two machined holes giving maximum control when positioning awkwardly shaped pieces
- Made in India

- Dimensions:
- Ball Diameter: 80mm
  - Jaw Width: 50mm
  - Jaw Height: 20mm
  - Max. Opening: 50mm
  - Overall size of ball 100mm x 130mm
  - Weight: 2.2kg

Code	Description	UOM	Price
E31906	Engravers (Small) Revolving Block	EACH	£99.95

Ø120mm Block (9.2Kg) Value



Engravers Spherical Block

With a dual-ball bearing system for smooth revolving without wear or looseness, the Indian Engravers Spherical Revolving Block combines outstanding quality with value for work holding.

- Control the rotational resistance in a full circular positioning with an integrated rotational brake system
- Machined from solid hardened steel with a polished

- finish and comprising completely blackened jaws; finished to reduce glare and eye strain.
- Rests on a hard rubber, smooth finished collar providing a smooth any directional movement 360 c.
- Total of thirty four accessories with wooden storage stand and sturdy hex closing and opening key provided.
- Jaws have twenty six machined holes giving maximum control when positioning awkwardly shaped pieces.
- Made in India

- Features:
- 8 x standard pins top head have circular groove cut out
  - 8 x large pins with rubber coating none marking
  - 4 x flat triangle pins
  - 4 x small blockhead pins with circular groove cut out
  - 4 x large blockhead pins with circular groove cut out
  - 4 x large S brackets, with coated heads that wont leave marks. The ends have to be reduced/turned down to fit the holes in the surface of the block plate, so they can be inserted horizontally to enable them to hold plates and trays etc.

- Dimensions:
- Ball Diameter: 120mm
  - Jaw Width: 60mm
  - Jaw Height: 30mm
  - Max. Opening: 60mm
  - Overall size of ball 80 mm x 120mm mm
  - Weight: 9.2kg

Code	Description	UOM	Price
E31905	Engravers (Large) Revolving Block	EACH	£114.95

Ø120mm Block (10Kg) Cousins



Engravers Spherical Block - High Quality

Comprising a dual-ball bearing system, this tool enables a smooth 360 ° rotation whilst also preventing detrimental wear. This high quality engravers spherical block provides European style manufacturing at affordable prices

- Spherical block sits on a rubber "tyre" base meaning the ball is held in whichever position you desire, for maximum stability
- Rubber holder sits on 5 plastic feet, ensuring block can be moved around your work surface with ease
- Top half of spherical block rotates 360 ° giving maximum flexibility
- Machined from solid hardened steel with a matt finish
- Two powder coated black steel jaws with a combined total of 24 positioning holes for your pins and jaws
- Full set of 28 positional jaws and bins included (see below) supplied in a plastic storage box
- Superior quality
- Made in Taiwan

- Dimensions:
- Ball Diameter: Ø120mm
  - Jaw Width: 55mm
  - Jaw Height: 60mm
  - Max. Opening: 70mm
  - Overall size of ball: Ø120 x 140mm
  - Weight: 10Kg

Pins & jaws:

- Rectangular pins with insert curve x 2
- Flat square pins x 4
- Thick round pins with insert curve x 4
- Cylinder pins x 8
- Cylinder pins with rubber coating (short) x 4
- Cylinder pins with rubber tall (short) x 4
- Ring clamp pins x 2

Code	Description	UOM	Price
E49491	Engravers (Large) Revolving Block & Accessories	EACH	£175.95

Ø130mm Block (8.5Kg) OMO



Engravers Spherical Block - Italian

Regarded in the world to be the best of its kind work holding equipment.

With a dual-ball bearing system for smooth revolving without wear or looseness, the Italian Engravers Spherical Revolving Block combines extreme outstanding quality with value for work holding.

- Control the rotational resistance in a full circular positioning with an integrated rotational brake system
- Machined from stainless steel with a polished finish
- Fitted with nylon jaws non marking
- Rests on a hard plastic smooth finished collar providing a smooth any directional movement 360 °C
- 2 Jaws have 10 machined holes giving maximum control for positioning to hold some of the more awkward shapes
- Full range of accessories sold separately, please see below (code E8357)

- Dimensions:
- Ball Diameter: 130mm
  - Jaw Width: 50mm
  - Jaw Height: 30mm
  - Max. Opening: 75mm
  - Overall size of ball 150mm x 135mm
  - Weight: 8.5Kg

Code	Description	UOM	Price
E8343	Engravers (Large) Revolving Block, Italian	EACH	£330.00
E8357	Engravers Block Accessory Set for E8343	EACH	£155.00

STONE SETTING TOOLS INCLUDING BURNISHERS

*Gemstone setting as a craft has evolved through thousands of years of jewellery making. One of the most rewarding and intricate professions to develop from this diversification is that of the gemstone setter.*

*Gemstone setting and mounting techniques are used for fixing stones in items of jewellery. Mounting refers to the construction of the metal parts of jewellery, including the supports for the stones. The supports are called setting mounts or collets. Setting is the technique of easing metal over the stones to hold them in place.*

A gemstone is kept in place by the adjacent metal, which prevents both sideways and up-and-down movements. The types of gemstone and the desired finish dictate the style of the setting, but, whatever the setting, there must be enough metal and adequate strength to secure the stone.

In the jewellery trade, mounting and setting are separate tasks, and both take time for beginners to master. The small pieces of metal used in these processes are initially difficult to handle, but the task soon becomes easier as the jewellers adjust to small-scale work.

We at CousinsUK have a very comprehensive range of hand tools and equipment perfect for the beginner as well as maintaining high standards for the professional setter.

Here on this page are some of the most popular tools used by our customers and click onto the links below to discover the ancient art of gemstone setting tooling.

### 13 Piece Stone Setters Tool Kit



- Professional stone setters tool kit
- Supplied in a nylon zip lock wallet
- 13 different tools
- Great portable tool kit

Kit includes:

- Bezel setting pusher (B31880)
- Sliding brass vernier gauge (G31917)
- Curved end SS burnisher (B20129)
- Diamond tweezers (T6277)
- Pin vice
- Prong lifter (S39264)
- Wooden ring clamp (R4227)
- Needle files set of 5
- Stone setting pliers (P39493)

Code	Description	UOM	Price
K45712	13 Piece Stone Setters Tool Kit	EACH	£37.95

### Agate Burnishers

Stone Setting - Another hard-to-find tool

- Traditional old school agate burnisher
- These natural stones can be used just like a steel burnisher; for closing bezels and smoothing imperfections in metal
- Agate burnishers remove surface unevenness by pressure and produce a brilliant shine on gold and silver
- Agate is advantageous over steel as it will not damage your stones
- Additional uses include applying gold and silver leaf/foils and burnishing art metal clay before firing
- It is important to avoid knocking the agate burnishers

### Cylinder Tapered Shape with Aluminium Handle



- Diameter of agate Ø6.50mm
- Length of agate 40mm
- Overall length 180mm
- Round to a tapered point

Code	Description	UOM	Price
B36075	Cylinder Tapered Shape with Aluminium Handle	EACH	£4.95

### Knife Shape with Wooden Handle



- Length of agate 35mm
- Overall Length 200mm
- Knife shape

Code	Description	UOM	Price
B45699	Knife Shape with Wooden Handle	EACH	£4.25

### Spear Shape with Wooden Handle



- Length of agate 20mm
- Overall Length 200mm
- Short elongated spear shape

Code	Description	UOM	Price
B31878	Spear Shape with Wooden Handle	EACH	£4.50

### Spear Shape with Wooden Handle, Extra Long



- Length of agate 40mm
- Overall length 220mm
- Long elongated spear shape
- Shallow elongated spear shape

Code	Description	UOM	Price
B36076	Spear Shape with Wooden Handle, Extra Long	EACH	£4.50

### Steel Burnishers

Stone Setting - Steel Burnishers - Pushers & Rollers

- Steel burnishing tools are used for smoothing over parts of soft metal
- Great for channel/bezel setting stones
- With highly polished blades that are firmly set in wood handles

### Bezel Roller Burnisher with Wooden Handle



Polished steel rocker with half-round head. Rolls and pushes bezel against the stone. Recommended for large settings such as brooches and pendants.

- Bezel Roller is used to rub over the stone collet
- It will crease the metal over the stone to hold it in
- It is made of soft steel to reduce the risk of damage to the stone
- Overall length 110mm

Code	Description	UOM	Price
B20128	Bezel Roller Burnisher with Wooden Handle	EACH	£1.75

### Curved End Burnisher with Wooden Handle



- Curved Burnisher which is oval in shape designed to burnish metal
- Rub firmly over the metal and a shiny finish is obtained
- Burnishing is an effective method of polishing edges which can occur when you use a mop
- Overall length 140mm

Code	Description	UOM	Price
B20129	Curved End Burnisher with Wooden Handle	EACH	£2.00

### Straight Burnisher with Wooden Handle



- Straight Burnisher which is oval in shape designed to burnish metal
- Rub firmly over the metal and a shiny finish is obtained
- Burnishing is an effective method of polishing edges which can occur when you use a mop
- Overall length 140mm

Code	Description	UOM	Price
B20130	Straight Burnisher with Wooden Handle	EACH	£2.00

### Straight Burnisher with Wooden Handle, Slimline



- Straight Burnisher which is oval in shape designed to burnish metal
- Rub firmly over the metal and a shiny finish is obtained
- Burnishing is an effective method of polishing edges which can occur when you use a mop
- Overall length 160mm
- Handle diameter Ø15mm

Code	Description	UOM	Price
B53973	Straight Burnisher with Wooden Handle, Slimline	EACH	£2.85

**Bezel Setting & Claw Closing**

- Bezel stone setting and claw closing tools are very handy tools for quickly setting claw mounts over your gemstones.
- Simply choose the appropriate size to go over all your claws and press gently while slightly turning.
- Notice how all the claws in formation start closing in towards your gemstone.

**Bezel Stone Setting and Claw Closing, OMO**



- 20 Punches, from Ø2 to Ø12mm
- Rounded bakelite handle for extra comfort
- For speedier claw setting
- You are not closing individual claws but all of them in one go
- Very good for batch work
- Delivered on wooden stand (140 x 45 x 25mm)
- OM.O Italy

Code	Description	UOM	Price
B8342	Bezel Stone Setting and Claw Closing, OMO	EACH	£89.95

**Bezel Stone Setting and Claw Closing, Value**

VALUE



- Punches 0.75mm to 7.75mm
- Set of 18 punches
- For speedier setting
- Round for shaping bezels over round stones
- You are not closing individual claws but all of them in one go
- Very good for batch work
- On wooden stand

Code	Description	UOM	Price
B19165	Bezel Stone Setting and Claw Closing, Value	EACH	£20.75

**Bezel Stone Setting Pusher with Wooden Handle**



- For the jeweller, silversmith, arts craft and contemporary jewellers
- For pushing prongs or crown points around stones.
- In steel with a grooved tip and wooden handle
- Weight: 30g

Code	Description	UOM	Price
B31880	Bezel Stone Setting Pusher with Wooden Handle	EACH	£1.75

**Stone Setting Claw Pusher Tool**



Super prong pusher tool used to push metal over the stone. It is made of soft steel to reduce the risk of damaging the stone.

Code	Description	UOM	Price
C20131	Stone Setting Claw Pusher Tool	EACH	£1.75

**Stone Setting Claw & Prong Lifting Tool**



Prong lifters are excellent to pull away claws separately without the risk of damaging your gemstones. Simply place grooved slot over a claw according to size, pull towards yourself and see how easy it is to remove the claws and therefore your gemstone.

- Chunky fibre grip
- Tempered carbon steel
- 7 different notches
- 130mm overall length

Code	Description	UOM	Price
P20859	Stone Setting Claw & Prong Lifting Tool	EACH	£4.95

**Stone Setting Claw & Prong Lifting Tool, Mini**



Prong lifters are excellent to pull away claws separately without the risk of damaging your gemstones. Simply place grooved slot over a claw according to size, pull towards yourself and see how easy it is to remove the claws and therefore your gemstone.

- Tempered carbon steel
- 100mm overall length
- Mini version, easy to use and transport

Code	Description	UOM	Price
S39264	Stone Setting Claw & Prong Lifting Tool, Mini	EACH	£1.95

**Bezel Setting & Claw Making**

COUSINSUK



Stone Setting Claw Making Tool

- 10 piece outfit in wooden box
- 85 x 85 x 35mm
- 5 wire holders
- 4 retaining tubes, inner diameters: Ø8 x Ø8mm, Ø4.80 x Ø8.15, Ø7.20 x Ø10.00 & Ø7.30 x Ø10.20mm
- 1 main base
- All accessories are blackened steel.
- Sizes 0.15 to 2 Carats with 4, 6 & 8 prongs small or large.

How to Use:

- The required number of wires are inserted into the slots and then gripped by the retaining ring. The ends are to be soldered together.
- The retaining ring is then withdrawn.
- The setting is removed and cut to the desired length.
- All accessories are blackened steel.

Code	Description	UOM	Price
C8677	Stone Setting Claw Making Tool	EACH	£13.95

**Bezel Setting Holder**



- Setting holder for stones set in tubes/bezels
- Set of 7 spring-tempered 3 jaw collets
- Wooden handle 150mm
- Collet sizes included up to: Ø1.50, 2.00, 2.50, 3.00, 3.50, 4.00 & 5.00mm
- Will hold tube firmly while stone is being set and will not cause tube to collapse
- Handle is partially drilled allowing tube to extend inside handle

Code	Description	UOM	Price
T41185	Tube Setting Holder with 7 Collets	EACH	£7.35

PRICE PROMISE GUARANTEE

TRADE SUPPLIER

**Stone Setting Assistant for Pendant Motors**



Stone Setting Depth Assistant

Helps you set stones precisely and professionally by controlling the cutting depth.

- Achieve a constant depth for your stone settings
- It holds the burr at a constant depth so you achieve the same depth cut across all your settings
- Attaches to a number 10 handpiece (Foredom, Faro etc)
- Unscrew the nose of the number 10 hand piece and screw on the channel setting assistant
- The burr is installed into the handpiece, through the attachment
- One of the five guides supplied is screwed onto the attachment to guide the burr along the channel at a consistent depth
- Made in India

Code	Description	UOM	Price
C45698	Stone Setting Assistant	EACH	£11.95

**Stone Setting Depth Collets**

- This setting tool saves time and allows you to cut precise bearing seats
- Can be used with either claw or bezel/tube stone settings
- You simply slide the shank of your setting burr through the "Depth Collet" until you reach the desired depth at which you want to cut the seat
- Tighten with the Allen wrench
- Insert your burr (with the depth collet attached) into your micromotor / pendant drill. The depth collet will not allow the burr to cut any deeper, thus it keeps the seats even
- The set includes 2 depth collets (1 collet for settings 1/10ct to 1/2ct and 1 depth collet for small prong cluster settings) and an Allen wrench
- Use these depth collets to cut equal bearings in prong settings, gent's rings which require hammer settings and baguette boxes
- Supplied with or without handy wooden storage box

**Stone Setting Depth Collets**



Code	Description	UOM	Price
S36117	Stone Setting Depth Collets	PACK*2	£3.95

**Stone Setting Depth Collets, In Wooden Box**



Code	Description	UOM	Price
S45697	Stone Setting Depth Collets, In Wooden Box	EACH	£5.95

**Stone Setting Ring Stick**



This is a great tool to ensure gemstones are accurately and evenly presented in a setting in a ring, particularly wedding bands.

- The Stone Setting Faceting Stick has eighteen grooves evenly spaced apart from the top to the bottom of the stick
- A fast way of positioning stones on rings
- The taper of the ring stick covers sizes from A to Z
- Made in UK

How to use:

Take a look at the diagram of a typical wedding band and notice how the diamonds have been set spaced apart

To achieve this place, the ring onto the Stone Setting Faceting Stick. Eighteen grooves are lined vertically along the stick. Consider the amount of stones, their size and the preferred amount of space between each stone. Using a marker pen on the ring to create a template for setting, continue the lines from the Faceting Stick onto the ring all the way along the band. To achieve the spacing of stones in the image below typically mark an X in every other segment the entire way around to denote where the stones are to be set.

Now the ring is ready to set and the stones will be spaced evenly apart in a symmetrical pattern.

Diamond setting using the Faceting Stick:

- Aluminium body with a wooden handle
- Length 280mm
- Weight 150g

Code	Description	UOM	Price
F4201	Stone Setting Faceting Stick	EACH	£38.95

**JEWELLERY FORMING, PLANNISHING & ROLLING MILLS**

**FORMING, PLANNISHING, SHAPING**

**Anvils**

An anvil is an important bench craft persons basic tool, a block with a hard surface on which another object is struck. The inertia of the anvil allows the energy of the striking tool to be transferred to the work piece. In most cases the anvil is used as a forming tool. Before the advent of modern soldering/welding technology, it was a primary tool of metal workers. Because anvils are very ancient tools and were at one time very commonplace, they have also acquired symbolic meaning beyond their use as utilitarian objects.

We have large selection of anvils in stock from mini to large made from best grade steels and exceptional polished finishing.

The majority of our anvils also have a pritchel hole. A pritchel hole is a round hole in an anvil. Its primary purpose is to provide clearance for punching tools, but it can also be used to hold tools that have round shanks. Pritchel tools are tools such as punches whose functions do not require them to be held at a particular orientation.

**Forming & Shaping Anvils**



Forming & Shaping Anvils

- Forming & Shaping Anvils
- Highly polished stainless steel
- Wooden bases for noise cancellation & vibration dispersion
- Excellent for all types of forming and shaping

- Base: Ø72mm
- Set contains one of each anvil

Code	Description	UOM	Price
F53399	Forming Anvil Set	EACH	£59.95
D55044	Flat Anvil	EACH	£14.95
D55045	Low Dome Anvil	EACH	£14.95
D55046	Medium Dome Anvil	EACH	£14.95
D55047	High Dome Anvil	EACH	£14.95

**English Shape, Traditional**

**Stake Anvil (80g) T Shape**



Small and compact, hand hold it or place in mini vice (see codeV32981 for our full range) or drive it into a stump adapted to a hardy hole and bench block

- Made from cast iron
- Blackened coated finish
- Twin horned one side rounded, other shoulder squared and with planishing top face
- Traditional shape popular
- Size: 95 x 80 x 12mm
- Weight: 80 grams

Code	Description	UOM	Price
A34914	Stake Anvil (80g) T Shape	EACH	£2.95

**Bench Anvil (900g)**



- Made from cast iron
- Polished finish
- Traditional single flat wide horn with rounded shoulder
- Nice size planishing face 75mm x 42mm
- Size: 130 x 43 x 70mm
- Weight: 900 grams

Code	Description	UOM	Price
A34912	Bench Anvil (900g)	EACH	£7.50

**German Shape, Horn**

**Horn Anvil (700g)**



- Made from cast iron
- Polished finish
- Twin horn anvil sits on a enamel finished base with two fixing screw holes giving sturdiness/non movement of anvil (screws not supplied)
- Having an anvil on a base gives a advantage of working with larger pieces your table top won't be in the way
- With a pritchel hole planishing top face, rounded and a shoulder horns
- Traditional shape popular for many years
- Size: 100 x 80 x 70mm
- Weight: 700 grams

Code	Description	UOM	Price
A4917	Horn Anvil (700g)	EACH	£7.95

**Horn Anvil (3KG)**



- Made from cast iron
- Heavy Duty
- Polished finish
- Twin horn anvil sits on an enamel finished base with two fixing screw holes giving sturdiness/non movement of anvil (screws not supplied)
- Having a anvil on a base gives a advantage of working with larger pieces your table top wont be in the way
- With a pritchel hole planishing top face , rounded and a shoulder horns
- Traditional shape popular for many years
- Size: 190 x 115 x 40mm
- Weight: 3 kg

Code	Description	UOM	Price
A34913	Horn Anvil (3KG)	EACH	£15.70

**USA Shape, Horn**

**Horn Anvil (450g) with Arch Base**



- Made from cast iron
- Smooth shine finish
- With a pritchel hole planishing top face, rounded and a shoulder horns
- Traditional shape popular for many years
- Size: 110 x 55 x 25mm
- Weight: 450 grams

Code	Description	UOM	Price
A4916	Horn Anvil (450g) with Arch Base	EACH	£9.10

**Horn Anvil (500g) with Flat Base**



- Twin horn Anvil
- Made for precision work this miniature machined horned anvil is case hardened steel.
- High polished finish
- With a pritchel hole planishing top face, rounded and a shoulder horns
- A traditional model which has remained popular for many years.
- Size: 110 x 65 x 35mm
- Weight: 500 grams

Code	Description	UOM	Price
A0008	Horn Anvil (500g) with Flat Base	EACH	£7.95

**Bangle Making Dies**

**Forming & Patterning Dies**



Bangle Forming & Patterning Dies

- Turn an ordinary bangle into an extraordinary bangle
- Create patterns and shapes previously only possible with a hydraulic press
- Simply place your bangle between the dies and use a heavy forming/rawhide hammer
- Heavy duty steel construction
- Supplied with 3 spacers to ensure the bangle is kept central

**Hammers & Mallets**



See From Page 801

• Can also be used to shape sheet, wire etc.

Dimensions (diameter x height):  
• Ø80 x 40mm

**10 Wave Bangle Die**



Code	Description	UOM	Price
B53191	10 Wave Bangle Die	EACH	£19.95

**10 Wave Bangle Die, Fancy**



Code	Description	UOM	Price
B53190	10 Wave Bangle Die, Fancy	EACH	£19.95

**12 Wave Bangle Die**



Code	Description	UOM	Price
B53192	12 Wave Bangle Die	EACH	£19.95

**14 Wave Bangle Die**



Code	Description	UOM	Price
B53193	14 Wave Bangle Die	EACH	£19.95

**18 Wave Bangle Die**



Code	Description	UOM	Price
B53194	18 Wave Bangle Die	EACH	£19.95

**24 Wave Bangle Die**



Code	Description	UOM	Price
B53195	24 Wave Bangle Die	EACH	£19.95

**30 Wave Bangle Die**



Code	Description	UOM	Price
B53196	30 Wave Bangle Die	EACH	£19.95

**Tube & Wire Bender**

**Sheet & Wire Bender**



A high quality tool that allows you to bend and shape metal sheet or wire with total ease.

How to use:

- Simply remove the tool from the storage base
- Insert desired size & shape dies
- Use the spring loaded cam operated lever to bend your metal to desired shape
- Excellent for creating ring shanks

Features:

- 7 sets of dies (5 round, 1 square & 1 rhombus)
- Die sizes: Ø12, 14, 16, 20, 22mm, 90 ° & 60 ° & 30 ° (60 ° & 30 ° are the same die)
- Dies are hardened and polished steel
- Round, 90 °, 60 ° & 30 ° angles all possible
- Tool can be screwed down to base, used loose or inserted in a bench vice using the extra base block provided
- Lever cam system ensures minimal effort is required
- All supplied on wooden base
- Made in India

Dimensions:

- Die height: 17mm
- Bender: 140 x 60 x 40mm
- Wooden base: 240 x 200mm
- Weight: 5Kg

Code	Description	UOM	Price
R48608	Ring Shank & Metal Bender	EACH	£99.95



**Sheet & Wire Bender, Durston**



A high quality tool, manufactured by Durston, that allows you to bend and shape metal sheet or wire with total ease.

How to use:

- Simply remove the tool from the storage base
- Insert desired size & shape dies
- Use the spring loaded cam operated lever to bend your metal to desired shape
- Excellent for creating ring shanks

Features:

- Superior quality, precision engineering
- Dies line up perfectly together
- 7 sets of dies (5 round, 1 square & 1 rhombus)
- Die sizes: Ø12, 14, 16, 20, 22mm, 90 ° & 60 ° & 30 ° (60 ° & 30 ° are the same die)
- Dies are hardened and polished steel
- Round, 90 °, 60 ° & 30 ° angles all possible
- Tool can be screwed down to base, used loose or inserted in a bench vice using the extra base block provided
- Lever cam system ensures minimal effort is required
- All supplied compact storage & transportation case
- Delrin dies available for use with softer or patterned rings & metal
- Durston 1307
- Made in UK

Dimensions:

- 5Kg

Code	Description	UOM	Price
R45658	Ring Shank & Metal Bender, Durston	EACH	£145.00
R45659	Delrin Dies for Ring Shank & Metal Bender	PACK*5	£54.95

**Tube & Wire Bender**



Irwin Hillman tools, Made in Germany

For bending wire and tube of smaller diameters; able to use on the following metals: gold, silver, platinum, palladium, brass, copper, stainless steel, aluminium and steel.

- Form bangles, hoops, earrings, necklace and chokers when designing and making
- Comprises three grooves to form three, four and six millimetre diameter sizes
- Made from steel and black in finish
- Designed for use with tubes up to diameter Ø6mm

How to use

1. Push the top handle forwards completely; place the tube or wire into appropriate groove.

2. Ensure the wire length is sufficient enough to thread through the tool, so the bending action can be complete.
3. Press the handles down and the bottom groove lines meet so you are pushing down the tube or wire to form the bend.

- Size 140mm x 65mm x 25mm
- Weight: 150g

Code	Description	UOM	Price
P34121	Mini Tube & Wire Bender	EACH	£26.95

**Tube & Wire Bender, Vice Mounted**



Tube & Wire Bender

For bending wire and tube of smaller diameters. Able to use on the following metals: gold, silver, platinum, palladium, brass, copper, stainless steel, aluminium and steel.

- Tube & wire bender
- 7 inch long handle for extra leverage
- Can bend harder metals
- Locks into a vice during use

Code	Description	UOM	Price
B53979	Tube & Wire Bender	EACH	£16.95

**Wire Bender & Shaper Tool**



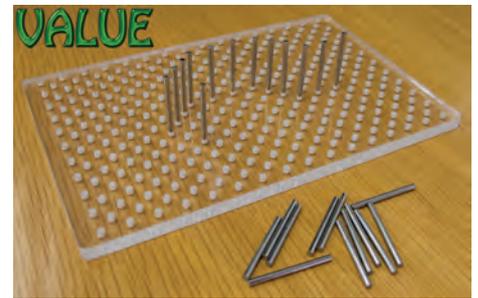
The wire bender lets you bend metals up to 2mm in diameter using several techniques.

- The tool is designed to either be clamped into your bench-top vice, or screwed directly to your bench. The two included screws firmly attach the jig to your work surface if you prefer not using a vice. Having the wire bender firmly mounted is key to it working properly.
- The aluminum base has several grooves and profiles in it, so you can easily bend right angles and semi circles.
- The wire bender also features four removable pins enabling you to configure custom bending patterns.

Size: 110 x 25 x 15mm  
Weight: 85g

Code	Description	UOM	Price
W34927	Table Top Wire Bender	EACH	£1.65

**Wire Bender & Shaping Tool**



This multi pin wire bender lets you bend metals and wire using several techniques into any pattern/shapes you desire.

- Plastic rectangular base, 150 x 100mm
- 25 pins included
- 326 holes
- Can make intricate shapes as pins are multi positional

Code	Description	UOM	Price
W39058	Tube & Wire Shaping Tool	EACH	£6.95

**Wire Bender & Shaping Wizard**



This wire wizard allows you to shape and bend wire into a variety of positions & shapes

- 18 rows of Ø3mm holes
- 17 rows of Ø2mm holes
- Supplied with both Ø2 & Ø3mm pins
- Also supplied with 9 nylon rings of various diameter for extra shaping capability
- Metal base, 140 x 35mm. Can be screwed to bench

Code	Description	UOM	Price
B53968	Wire Bender & Shaper Wizard	EACH	£29.95

**Wire Shaping Mandrels**

- Wire working mandrels
- Square, round & triangular mandrels & handle
- Mandrels are stepped allowing you to create multiple sizes
- Single interchangeable handle
- Plastic, lightweight and easy to use
- Colour may vary
- Set of 3
- Overall length 100mm (excluding handle)



Code	Description	UOM	Price
W45696	Wire Working Mandrel Set	PACK*3	£4.95



## Blocks, Cubes, Punches - Dapping



Our variety of dapping blocks, cubes, punches & sets makes forming and doming sheet metal into shapes adding dimensions and depth to designs simple. Made in various materials metal, brass, rubber and wood, we cater for all types of working material and practices.

These hardened and machined manufactured tools meet thorough quality standards for consistent quality results. Additionally we have a quality economic range which offers excellent quality products at low prices. The metal grades are of exceptional quality matched with a high-quality finish.

Cousins top tip: Punches should be stored in dry areas to avoid rusting and pitting, also use WD40 lubricant (code C32757) to maintain longevity.

Which punch and die combinations?

The thickness of the sheet determines the punch and dies size to be used to shape sheet metal. For thin gauge metals a punch and die with similar diameters works better together for a close fit.

For doming, cut the desired shape out of the sheet metal and anneal it. Using a dapping punch and die to firstly press the sheet into a large, shallow die, then into deeper dies, annealing as needed. As you work the entire surface, the metal will take on a curve. Don't try to complete the dome in one step unless you need a very shallow curvature. Practice on scrap metal to develop this practice.

Annealing:

The process of heating and cooling metal to make it softer/pliable so it will be easier to work with. The required temperature for annealing, the duration of heating and the rate of cooling vary according to the metal used. When you heat the metal ensure red cherry colour is achieved. Let the item naturally cool down rather than immersing the item in water immediately. Put on a metal planishing (P5202) block to help cool quicker. Wait for the red cherry colour to disappear then place in cold water. If the heated metal is submerged too quickly in water the piece may become distorted; however metal becomes hard when subjected to mechanical working. This effect is called 'work hardening'; as soon as the metal becomes difficult to move, re-anneal it. Annealing will not damage the metal, but trying to bend work-hardened metal may cause it to crack or buckle.

Here are some annealing temperatures and guidelines.

- Fine gold annealing not required

- 18ct yellow and red gold anneals at 650°C while white anneals at 750°C
- 14ct yellow and red gold anneals at 650°C while white anneals at 750°C
- 9ct gold anneals at 650°C
- Sterling Silver anneals between 600-650°C
- Platinum anneals between 900-1000°C
- Copper anneals at 650°C
- Brass anneals at between 600-650°C
- Nickel Silver (German silver) anneals at 650-680°C
- Aluminium anneals at 300-350°C

### Dapping Blocks, Steel

**VALUE**



- 27 Holes
- Range from Ø2.00mm to 25.00mm
- Made in India

Dimensions:  
 • 130 x 65 x 25mm  
 • Weight 1.4Kg

Code	Description	UOM	Price
D34918	27 Hole, Dapping Block	EACH	£14.95

### Dapping Blocks, Steel, Durston

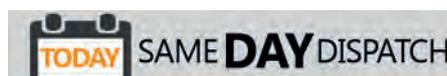
#### 3 Hole Block, Ø42 to 52mm



- 3 Holes
- Ø42, 47 & 52mm
- 100 x 100mm (overall size)
- Weight 2Kg
- Durston 1153
- Made in UK

Code	Description	UOM	Price
D55147	3 Hole Block, Ø42 to 52mm	EACH	£59.95

ONLINE F.A.Q.



#### 23 Hole Block, Ø3 to 38mm



- 23 Holes
- Ø3 to 38mm (Ø3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 23, 25, 27, 30, 34 & 38mm)
- 150 x 80 x 30mm (overall size)
- Weight 2.3Kg
- Durston 1155
- Made in UK

Code	Description	UOM	Price
D55149	23 Hole Block, Ø3 to 38mm	EACH	£64.95

#### Dapping Blocks, Wooden



- Shaped wooden dapping block
- Flower, heart, hexagon, oval, round & tear drop
- 165 x 90 x 20mm
- Made from wood preventing scratches and marks to softer metals

Code	Description	UOM	Price
D41177	Flower Dapping Block	EACH	£7.95
D41173	Heart Dapping Block	EACH	£7.95
D41174	Hexagonal Dapping Block	EACH	£7.95
D41176	Oval Dapping Block	EACH	£7.95
D41175	Round Dapping Block	EACH	£7.95
D41172	Tear Drop Dapping Block	EACH	£7.95

#### Dapping Blocks, Wooden Extra Large



- 2 Extra large (XL) concave domes, Ø135mm
- 4 half round grooves: Ø15, 18, 20 & 25mm
- Made from wood preventing scratches and marks to softer metals
- Made in India

Dimensions:  
 • 170 x 170 x 70mm  
 • Weight 1.15Kg

Code	Description	UOM	Price
D39417	Dapping Block, Wooden	EACH	£15.95

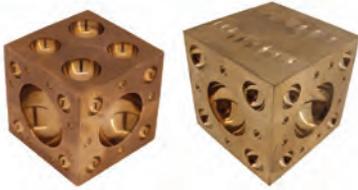
**Dapping Cubes, Brass**



- Dapping / Daming Cubes
- Brass
- Multi Diameter Holes

Code	Description	UOM	Price
D36261	30mm, 60 Domed Cube	EACH	£7.95
D36262	40mm, 64 Domed Cube	EACH	£8.95
D4240	50mm, 64 Domed Cube, UK	EACH	£35.95

**Dapping Cubes, Bronze**



Bronze is a harder material than brass, so can be used with stronger materials and will not need as much surface finishing when used

- Dapping / Daming Cube
- Bronze
- Multi Diameter Holes
- 50 or 60mm square
- Range Ø3mm to Ø35mm Domes
- C39416 has face with 15 ring punch indentations

Code	Description	UOM	Price
D36263	50mm, 56 Domed Cube	EACH	£19.95
C39416	60mm, 52 Domed Cube with Ring Punch Block	EACH	£22.95

**Dapping Cubes, Steel**

- Dapping/doming cubes
- Stainless steel
- Multi diameter holes
- Carbon steel also available
- Durston, Wheatsheaf or unbranded

**25mm, 12 Domes, Ø3 to Ø14mm**



- 25mm square
- Stainless steel
- Mini dapping cube
- Range Ø3mm to Ø14mm domes
- Perfect for saving space and smaller work

Code	Description	UOM	Price
D45555	25mm, 12 Domes, Ø3 to Ø14mm	EACH	£4.95

**50mm, 18 Domes, Ø4 to Ø40mm**



- 50mm square in Steel
- Range Ø4mm to Ø40mm Domes

Code	Description	UOM	Price
D19982	50mm, 18 Domes, Ø4 to Ø40mm	EACH	£12.95

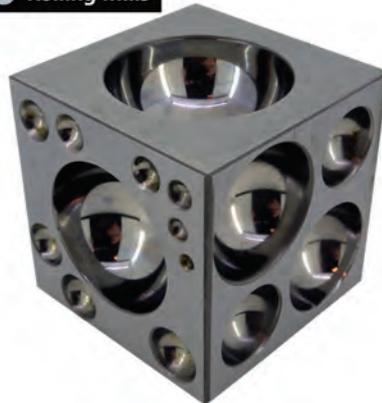
**50mm, 18 Domes, Ø4 to Ø45mm, UK**



- 50mm square in Steel
- Range Ø4mm to Ø45mm Domes

Code	Description	UOM	Price
D4239	50mm, 18 Domes, Ø4 to Ø45mm, UK	EACH	£62.05

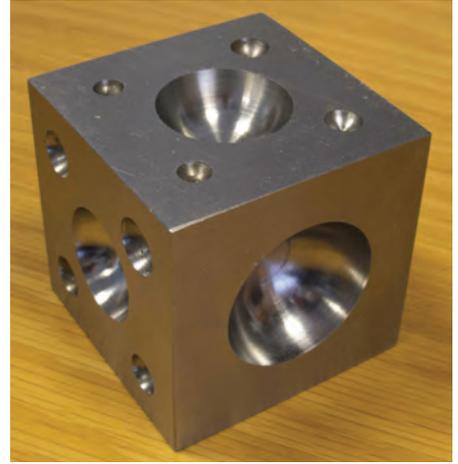
**50mm, 23 Domes, Ø3 to Ø38mm, Durston**



- 50mm square in Steel
- 23 domes
- Range Ø3 to Ø38mm
- Durston 1152
- Made in UK

Code	Description	UOM	Price
D55155	50mm, 23 Domes, Ø3 to Ø38mm, Durston	EACH	£84.95

**70mm, 26 Domes, Ø3 to Ø52mm, Carbon Steel**



- 26 Domes
- 70mm square
- Range Ø3 to Ø52mm
- Mirror polished domes
- Made from high quality carbon steel (international grade 52100)
- Carbon steel is harder than stainless steel, will last longer and is more robust

Code	Description	UOM	Price
D41192	70mm, 26 Domes, Ø3 to Ø52mm, Carbon Steel	EACH	£99.95

**100mm, 25 Domes, Ø4.5 to Ø70mm**



- 100mm square in Steel
- Range Ø4.5mm to Ø70mm Domes

Code	Description	UOM	Price
D35074	100mm, 25 Domes, Ø4.5 to Ø70mm	EACH	£59.95

**Dapping Cubes - Wooden**

- Cube 70mm
- 4 Domes Ø50, Ø54, Ø55, Ø60mm
- 2 V grooves: 6 x 10mm & 6 x 12mm
- 2 Rectangular grooves: 3.5 x 14mm & 3.5 x 11.5mm
- 5 Half round grooves, widths: 5, 7, 8, 9, 10 & 12mm
- Weight 220g
- Made from wood preventing scratches and marks to softer metals



Code	Description	UOM	Price
D31266	Wooden Forming / Dapping Cube	EACH	£11.95

**Dapping Disc - Steel, Rubber Mounted**

**VALUE**



- An excellent set which includes 11 round dapping holes as well as 9 forming grooves on top of a thick vulcanised rubber firm base which absorbs the shock
- Allows you to hammer without creating excess noise or vibration at your bench

Hole diameters:

- Ø5.00, 6.00, 7.00, 7.50, 8.50, 10.00, 11.00, 11.50, 12.00, 13.00 & 19.50mm

Forming Grooves:

- 3 "V" shaped: 3 x 2mm, 2.5 x 2mm & 2 x 2mm
- 3 flat: 3.5, 3 & 2.5mm
- 3 half round: Ø4, 3.5 & 3mm

Overall dimensions:

- Rubber Base Ø70mm (Top) Ø90mm (Bottom)
- Dapping Disc Ø60mm
- Overall height 65mm

Dimensions are approx.

Code	Description	UOM	Price
D37128	Dapping Disc on Rubber Base	EACH	£14.95

**Dapping Punches, Delrin**



- 8 pieces
- Sizes: Ø6, 9, 12, 15, 18, 20, 24 & 28mm
- Weight 300g
- Inexpensive & lightweight

Code	Description	UOM	Price
D41191	Ø6mm to Ø28mm Punch Set	PACK*8	£10.95

**Dapping Punches, Steel**

- Dapping / Doming Punch Sets
- Wooden Base
- Made in India

**Ø2.30 to Ø13.00mm Punch Set of 12**



- High quality doming punch set of 12 on a wooden stand with tempered round anodised head
- Each punch is polished to a mirror finish to a high standard
- Sizes: Ø2.30, 3.50, 4.30, 5.10, 5.90, 6.70, 7.50, 8.30, 9.10, 9.90, 10.70 & 13.00mm

• Weight: 600g

Code	Description	UOM	Price
P36483	Ø2.30 to Ø13.00mm Punch Set of 12	PACK*12	£13.95

**Ø2.80 to Ø25.30mm Punch Set of 24**



- High quality doming punch set of 24 on wooden stand, tempered round anodised heads
- Each punch head is polished to a mirror finish to a high standard
- Sizes: Ø2.80, 3.20, 3.60, 4.00, 5.60, 6.40, 7.20, 8.00, 9.50, 10.40, 11.20, 11.80, 12.60, 14.40, 15.00, 15.70, 17.60, 18.30, 19.00, 19.80, 20.70, 22.25, 23.90 & 25.30mm
- Weight 3.1Kg
- Made in India

Code	Description	UOM	Price
P20871	Ø2.80 to Ø25.30mm Punch Set of 24	PACK*24	£52.25

**Ø3.50 to Ø25.30mm Punch Set of 36**



- High quality doming punch set of 36 on a wooden stand with tempered round anodised head
- Each punch is polished to a mirror finish to a high standard
- Sizes: Ø3.50, 3.80, 4.40, 5.00, 5.40, 5.50, 6.70, 7.00, 7.30, 8.00, 8.50, 9.00, 9.50, 10.00, 10.50, 11.00, 11.50, 12.00, 12.50, 13.00, 13.50, 13.80, 14.30, 14.60, 16.0, 16.50, 17.20, 18.30, 18.80, 19.50, 20.50, 21.30, 22.20, 23.00, 24.30 & 25.30mm
- Weight: 2.9kg

Code	Description	UOM	Price
P36312	Ø3.50 to Ø25.30mm Punch Set of 36	PACK*36	£31.50

**Ø12.60 to Ø25.30mm Punch Set of 12**



- High quality doming punch steel set of 12 on wooden stand
- Each punch head is polished to a mirror finish to a high standard
- Sizes: Ø12.60, 14.40, 15.00, 15.70, 17.60, 18.30, 19.00, 19.80, 20.70, 22.25, 23.90 & 25.30mm
- Weight 2.5Kg
- Made in India

Code	Description	UOM	Price
P20870	Ø12.60 to Ø25.30mm Punch Set of 12	PACK*12	£24.95

**Dapping Punches, Italian**



Doming Punches

- Individuals by Size
- Hard polished heads

• O.M.O Italy

Code	Description	UOM	Price
D6551A	Ø2mm Punch	EACH	£5.95
D6551B	Ø3mm Punch	EACH	£5.95
D6551C	Ø4mm Punch	EACH	£5.95
D6551D	Ø5mm Punch	EACH	£5.95
D6551E	Ø6mm Punch	EACH	£5.95

## Dapping Punches, Steel, UK Made

- Doming punch set
- Set of 15 or 3
- Hard polished heads
- See website "more info" for specification
- Made in UK



Code	Description	UOM	Price
D4243	Ø5.50 to 18.50mm Punches	PACK*15	£63.95
D5073	Ø25.5, 32 & 38mm Punches	PACK*3	£59.95

## Dapping Punches, Repousse



Repousse Dapping Punches

- Ideal for creating intricate detail on metal surfaces
- Stainless steel punches
- Set of 15 punches
- Supplied with wooden stand

Shapes included:

- Domed
- Round
- Triangle
- Square
- Straight
- Hollow

Code	Description	UOM	Price
P46144	Repousse Punches, Stainless Steel	PACK*15	£99.95

## Dapping Punches, Shaped



- Shaped punch set
- Oval, tear drop, triangle, square, heart & star all included
- Approx. overall length of each punch 90mm
- Double ended, big and small pattern available
- Excellent for decorative designs on rings or patterns on work
- Supplied in plastic wallet
- Made in India

Dimensions:

- Rectangle: 19 x 14mm & 5 x 3mm
- Square: 16 x 16mm & 3.50 x 3.50mm
- Star: Widest point 20mm & 5mm
- Triangle: 20 x 20 x 20mm & 5 x 5 x 5mm
- Oval: 22 x 16mm & 5 x 4mm
- Tear drop: 23 x 17mm & 5 x 4mm
- Heart: 20 x 22mm & 4 x 5mm

All dimensions are approx.

Code	Description	UOM	Price
P38759	Shaped Punches, Steel	PACK*7	£15.95

## Dapping Punches, Wooden



- 24 pieces
- Sizes Ø10mm to Ø25mm
- Weight 500g
- Made from wood preventing scratches and marks to softer metals
- Lightweight and easy to handle
- Inexpensive

Code	Description	UOM	Price
P20868	Ø10mm to Ø25mm Punch	PACK*24	£10.95

## Dapping Punches, Wooden Extra Large



- 2 pieces
- Sizes Ø55mm to Ø70mm
- Overall height 1170mm
- Extra large (XL)
- Lightweight and easy to handle
- Inexpensive
- Made from wood preventing scratches and marks to softer metals

Code	Description	UOM	Price
D46138	Ø55 & Ø70mm Punches	PACK*2	£7.95

## Dapping Sets, Delrin



Dapping Sets - Delrin

- Delrin dapping sets
- Block with punches
- 9 punches & 19 hole dapping block
- Punch sizes: Ø6 to Ø28mm

Code	Description	UOM	Price
D55051	Block with 9 Punches	EACH	£29.95

## Dapping Sets, Steel

- Stainless Steel
- Supplied on wooden stand
- Extra large, jumbo sizes available
- See website "more info" for specification

## Hammers & Mallets



See From Page 801



**ORDER**  
tracking

**Block with 3 Punches (Ø40 to Ø50mm)**



- King size dapping set
- 3 punches, Ø40, 45 & 50mm
- With equivalent dapping block
- Supplied with wooden stand

Code	Description	UOM	Price
D41193	Block with 3 Punches (Ø40 to Ø50mm)	EACH	£49.95

**Block with 14 Punches (Ø4 to Ø24mm)**



- Comprehensive dapping set
- 14 punches, from Ø4 to 24mm
- With doming block
- Polished stainless steel
- Supplied with wooden stand

Code	Description	UOM	Price
D55043	Block with 14 Punches (Ø4 to Ø24mm)	EACH	£49.95

**Block with 18 Punches (Ø2 to Ø18mm)**



- Comprehensive dapping set
- 18 punches, from Ø2 to 18mm
- With doming block
- Polished stainless steel

- Supplied with wooden stand

Code	Description	UOM	Price
D55042	Block with 18 Punches (Ø2 to Ø18mm)	EACH	£49.95

**Block with 24 Punches (Ø2 to Ø25mm)**



- Comprehensive dapping set
- 24 punches, from Ø2 to 25mm
- With doming block
- Polished stainless steel
- Supplied with wooden stand

Code	Description	UOM	Price
D55041	Block with 24 Punches (Ø2 to Ø25mm)	EACH	£99.95

**Cube with 6 Punches (Ø30 to Ø65mm)**



- King size dapping set
- 6 punches, Ø30, 38, 45, 50, 57 & 65mm
- With equivalent dapping cube
- Supplied with wooden stand

Code	Description	UOM	Price
D41186	Cube with 6 Punches (Ø30 to Ø65mm)	EACH	£79.95

**Cube with 24 Punches (Ø2.30 to Ø25mm)**



- Comprehensive dapping set
- 24 punches, from Ø2.30 to 25mm

- With doming block
- Stylish black finish
- Stainless steel
- Supplied with plastic stand

Code	Description	UOM	Price
D45781	Cube with 24 Punches (Ø2.30 to Ø25mm)	EACH	£24.95

**Dapping Sets, Steel Durston**

These Durston dapping sets are a prime example of a well-engineered jewellers tool.

- Extreme high quality hardened steel construction and highly mirror polished finished
- Complete with a carrying/storage stand
- Extra large, jumbo sizes available
- See website "more info" for specification
- Durston
- Made in UK

**Base with 2 Punches (Ø95 & Ø110mm)**



The Durston extra extra large dapping set is another prime example of a well-engineered jewellers tool.

- Extreme high quality hardened steel construction and highly mirror polished finish
- 2 punches with a 2 hole dapping base
- Weight: 11.5kg
- Durston 1115
- Made in UK

Diameter sizes of punches and dapping domes:  
• Ø95 & Ø110mm

Code	Description	UOM	Price
D55150	Base with 2 Punches (Ø95 & Ø110mm)	EACH	£99.95

**Block with 3 Punches (Ø42 to Ø52mm)**



The Durston small (but large diameter) dapping set is a prime example of a well-engineered jewellers tool.

- Extreme high quality hardened steel construction and highly mirror polished finish
- 3 punches with a 3 hole dapping block
- Weight: 4.9kg
- Durston 1154

• Made in UK

Diameter sizes of punches and dapping domes:  
• Ø42, 47 & 52mm

Code	Description	UOM	Price
D55148	Block with 3 Punches (Ø42 to Ø52mm)	EACH	£74.95

## Block with 21 Punches (Ø3 to Ø36mm)



The Durston small dapping set is a prime example of a well-engineered jewellers tool.

- Extreme high quality hardened steel construction and highly mirror polished finish
- 21 punches with a 21 punch dapping block
- Complete with a carrying/storage stand
- Weight: 6kg
- Durston 1102
- Made in UK

Diameter sizes of punches and dapping domes:

- Ø3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 21, 23, 25, 28, 32, 36mm

Code	Description	UOM	Price
D49503	Block with 21 Punches (Ø3 to Ø36mm)	EACH	£169.95

## Cube with 21 Punches (Ø3 to Ø36mm)



The Durston large dapping set is a prime example of a well-engineered jewellers tool.

- Extreme high quality hardened steel construction and highly mirror polished finish
- 21 punches with a 21 punch dapping cube
- Complete with a carrying/storage stand
- Weight: 6kg
- Durston 1102
- Made in UK

Diameter sizes of punches and dapping domes:

- Ø3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 21, 23, 25, 28, 32, 36mm

Dapping cube size:

• 50 x 50mm

Code	Description	UOM	Price
D35088	Cube with 21 Punches (Ø3 to Ø36mm)	PACK*21	£175.00

## Cube with 24 Punches (Ø3 to Ø50mm)



The Durston large dapping set is a prime example of a well-engineered jewellers tool.

- Extreme high quality hardened steel construction and highly mirror polished finish
- 24 punches with a 24 punch dapping block
- Complete with a carrying/storage stand
- Weight: 8kg
- Durston 1101
- Made in UK

Diameter sizes of punches and dapping domes:

- Ø3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 21, 23, 25, 28, 32, 36, 40, 45, 50mm

Dapping cube size:

- 70 x 70mm

Code	Description	UOM	Price
D35089	Cube with 24 Punches (Ø3 to Ø50mm)	PACK*24	£199.95

## Dapping Sets, Steel Italian

### 31 Punches and Dapping Base, Italian



Doming Punch Set and Base On Stand

- Set of 31 punches 2 to 32mm
- Base on stand
- Hard polished head

Made in Italy

Code	Description	UOM	Price
D6551	31 Punches and Dapping Base, Italian	PACK*31	£350.00

## Wooden Base for Forming Tools, Italian



- Overall size: 22 x 16 x 4cm
- 12 Holes: Ø26mm x 30mm deep
- 1 large slot 18mm x 30mm x 30mm
- Polished/sealed wood

Made in Italy

Code	Description	UOM	Price
D8339	Wooden Base for Forming Tools, Italian	EACH	£35.95

## Dapping Sets, Oval



- Oval dapping set
- 4 punches & dapping block
- Dapping block has half round & oval grooves
- Polished stainless steel
- Supplied on wooden stand

Code	Description	UOM	Price
D55039	Oval Block & Die Set	EACH	£129.95

## Dapping Sets, Wooden

Dapping Sets - Wooden

- Wooden dapping sets
- Cube or block with punches
- Extra large, jumbo sizes available
- See website "more info" for full specification



**Block with 1 Punch (Multishape)**



- Multishape dapping block
- 4 shapes: Teardrop, round, oval & heart
- Supplied with punch
- Block: 130 x 50 x 50mm

Code	Description	UOM	Price
D45777	Block with 1 Punch (Multishape)	EACH	£10.95

**Block with 6 Punches (Ø18 to 54mm)**



- Quality rosewood
- Smooth finish
- 6 punches & 8 hole dapping block
- Sizes marked on base
- Punch sizes: Ø18, 18.5, 19, 22, 45 & 54mm
- Dapping block sizes: Ø32, 35, 38, 50, 65, 70, 75 & 80
- Dapping block size: 280 x 155 x 85mm

Code	Description	UOM	Price
D39424	Block with 6 Punches (Ø18 to 54mm)	EACH	£27.95

**Block with 10 Punches (Ø16 to 65mm)**



- Quality hardwood
- Smooth finish
- 10 punches & 10 hole dapping block
- Punch sizes: Ø16 to Ø65mm
- Dapping block size: 180 x 100 x 50mm

Code	Description	UOM	Price
D45783	Block with 10 Punches (Ø16 to 65mm)	EACH	£22.95

**Cube with 2 Punches (Ø13 & 21mm)**



- 2 punches, Ø13 & 21mm
- Dapping cube, 60 x 60mm
- 6 domes, from Ø23 to 45mm

Code	Description	UOM	Price
D39418	Cube with 2 Punches (Ø13 & 21mm)	EACH	£3.95

**Cube with 7 Punches (Ø25 to 65mm)**



- Quality hard wood
- Smooth finish
- 7 punches with dapping block
- Punch sizes: Ø25, 32, 37, 40, 45, 51 & 64mm
- Dapping block size: 75 x75mm
- Supplied with wooden stand

Code	Description	UOM	Price
D45782	Cube with 7 Punches (Ø25 to 65mm)	EACH	£29.95

**Cube with 24 Punches (Ø7 to Ø26mm)**



- Quality hard wood
- Smooth finish
- 24 punches with dapping block
- Punch sizes: Ø7 to 26mm
- Dapping block size: 75 x75mm

- Supplied with wooden stand

Code	Description	UOM	Price
D55050	Cube with 24 Punches (Ø7 to Ø26mm)	EACH	£29.95

**Dapping & Swage Set, 34 Piece**

VALUE



Comprehensive dapping set with Swage block and cube included

- Best grade steel/iron used with smartly polished finish
- Comes with wooden compartment stand with sizes markings
- 24 Punches
- Doming Block
- Doming Cube
- Swage Block
- Swage & Doming Block

Code	Description	UOM	Price
D55048	34 Piece Dapping & Swage Set	EACH	£124.95

**Dapping & Swage Set, 37 Piece Italian**



37 piece combination outfit on polished wood base / holder.

Comprises:

- Full Doming Set with 31 punches from Ø2 to 32mm
- Horn anvil on 100mm stand.
- Collet block with round stake.
- Grooving / Swage blocks etc.
- O.M.O Italy

Code	Description	UOM	Price
D8338	Dapping & Forming "Deluxe" Complete Set, Italian	PACK*37	£575.00



**Dapping & Swage Set, 40 Piece**

**VALUE**



Comprehensive dapping set with Swage block and cube included

- Best grade steel/iron used with smartly polished finish
- Comes with wooden compartment stand with sizes markings
- 36 Punches
- Doming Block
- Doming Cube
- Swage Block
- Swage Cube

**Specifications:**

- Steel doming block: 60mm square, range Ø4 to Ø45mm
- 36 piece set of doming punches, sizes: Ø3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13, 13.5, 14, 14.7, 15.4, 16.2, 17, 17.8, 18.6, 19.4, 20.2, 21, 21.8, 22.6, 23.4, 24.2 & 25mm
- Multi size swage block, 10 grooves: Ø5, 6, 8, 10, 11, 13, 14, 16, 18, 19mm. Length of grooves 40mm
- Multi shaped forming cube:
  - 8 half round grooves
  - 5 rectangle/right angle grooves
  - 7 'V' Grooves
- Wooden storage base size 270 x 230 x 35mm
- Made in India
- Weight: 11kg

Code	Description	UOM	Price
F39423	36 Punches & Dapping Block & Cube, with Swage Block & Cube	EACH	£94.95

**Dapping & Swage Set, 43 Piece**

**VALUE**



Comprehensive dapping set with Swage block and cube included

- Best grade steel/iron used with smartly polished finish
- Comes with wooden compartment stand with sizes markings
- 21 Punches (Ø3 to Ø43mm)
- 16 Swage (shaped) punches (10 round: Ø2, 3, 5, 7, 9, 11, 15, 18, 21 & 24mm. 5 square: 2, 3, 4, 5 & 6mm. Angled punch, 45 °)
- 1 oval punch
- Swage Cube, 22 grooves

- Doming Cube, 60 x 60mm
- Swage & Doming Block, 43 grooves
- Anvil
- All punches match with all blocks

Code	Description	UOM	Price
D55049	43 Dapping & Swage Set	EACH	£139.95

**Dapping & Swage Set, 55 Piece**

**VALUE**



We would proudly like to present this fantastic forming kit made with quality and preciseness in mind.

Comprehensive dapping set with swage block, cube, swage bars & anvil included

- Best grade steel/iron used with smartly polished finish
- Comes with wooden compartment stand with sizes markings
- 36 Punches
- Doming Block
- Doming Cube
- Forming/Swage Cube
- 15 Forming Bars
- Twin Horn Anvil

**Specifications:**

- Twin horn German shape anvil on base: 100 x 80 x 70mm
- Steel doming block: 60mm square, range Ø4 to Ø45mm
- 36 piece set of doming punches, sizes: Ø3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13, 13.5, 14, 14.7, 15.4, 16.2, 17, 17.8, 18.6, 19.4, 20.2, 21, 21.8, 22.6, 23.4, 24.2 & 25mm
- Multi size swage block, 10 grooves: Ø5, 6, 8, 10, 11, 13, 14, 16, 18, 19mm. Length of grooves 40mm
- Multi shaped forming/swage cube:
  - 8 half round grooves: 30, 24, 20, 16, 9, 8, 5, 4mm
  - 4 rectangle/right angle grooves: 10 x 4, 8 x 3.5, 5 x 2.5, 4 x 1.5mm
  - 7 'V' Grooves: 10 x 4.55, 7.5 x 3.5, 5 x 2.5, 2 x 1.5, 7.5 x 6.5, 5.5 x 4, 2.5 x 2.5mm
- Set of forming bars:
  - 10 round: Ø24, 21, 18, 15, 11, 10, 7, 5, 3 & 2mm
  - 4 square: 6 x 6, 5 x 5, 4 x 4 & 3 x 3
  - 1 diamond: 45 ° angle, 16 x 11mm
- 1 x wooden storage base size 295 x 240 x 35mm
- Made in India
- Weight: 11.5kg

Code	Description	UOM	Price
F36084	Dapping & Swage Complete Set, Indian	PACK*55	£154.95

**Blocks, Cubes - Swage**



The Swage block, swedge or swage anvil has been used for centuries. It is considered an indispensable tool by jewellers/silversmiths.

- Operations performed on a swage block are not limited to bending, punching and forming
- Create manufacture many styles shapes to your or customers specific designs like bezels for settings bangles earrings necklaces, ring parts, the sky's the limit with a swage block
- Shapes for examples on our swage blocks are half round, oval, rectangle, and v groove
- Simply cut your metals gold, silver, platinum, copper brass etc. And place a appropriate metal bar that fits in to you groove. Not all swage blocks come with metal bars but this is not a problem. You can pick up these from your local metal stockist or use some already purchased tools to perform the task
- Use the sides of your dapping punches for half round shape swage block or use your triblet/ring bezel triblet available in many shapes

**Half Round (Shapes Ø1 to Ø25mm), Durston**



- A highly polished hardened steel bending block for forging and bending
- Ideal for forming bangles and bracelet
- 15 half round grooves: Ø1 to Ø25mm
- High quality
- Stainless steel
- Durston 1172
- Made in UK

**Dimensions:**

- Overall size: 130 x 50 x 30mm
- Weight: 1.7kg

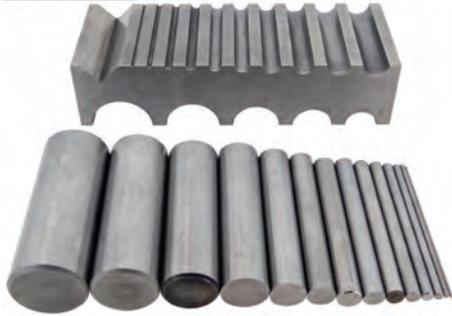
Code	Description	UOM	Price
B55152	Bending Block	EACH	£79.95

**Hammers & Mallets**



**See From Page 801**

**Half Round (Shapes Ø1 to Ø25mm), Durston with Bars**



- A highly polished hardened steel bending block with bars for forging and bending
- Ideal for forming bangles and bracelet
- 15 half round grooves: Ø1 to Ø25mm
- 15 corresponding steel bars
- High quality
- Stainless steel
- Durston 1171
- Made in UK

Dimensions:

- Overall size: 130 x 50 x 30mm
- Weight: 1.7kg

Code	Description	UOM	Price
B55151	Ø1 to Ø25mm Half Round Forming Block with Bars	EACH	£124.95

**Half Round (Shapes Ø3.5 to Ø9mm)**



- Best seller precision half round swage block made from best grade steel
- 6 Sizes: 3.5 to 9mm
- Ideal for forming tube, and collets
- Made in UK or unbranded

Dimensions:

- 105 x 38 x 12.5mm
- 360g

Code	Description	UOM	Price
S45568	Ø3.50 to Ø9.00mm Forming Block	EACH	£16.95
S4238	Ø3.50 to Ø9.00mm Forming Block, Made in UK	EACH	£29.95

**Half Round (Shapes Ø16 to Ø63.5mm)**



- A traditional precision semi-circle swage block made from best grade steel
- Ideal for forming bangles and bracelets
- 10 Half Round Groove: 16, 17.5, 23, 26, 30, 32, 46, 63.5mm
- Ideal for forming bangles and bracelet
- Made in UK

DimensionsL

- Overall size: 135 x 45 x 40mm

- Weight: 1.3 kg

Code	Description	UOM	Price
S4236	Ø16 to 63.5mm Half Round Forming Block	EACH	£69.75

**Half Round (Shapes Ø17.5 to Ø50mm) O.M.O. Italy**



O.M.O. Italy

- An old-fashioned precision semi-circle swage block made from best grade steel
- Ideal for forming bangles and bracelet
- 5 Half Round Grooves: 17.5, 22.5, 27.5, 40 and 50mm
- High quality
- Stainless steel

Dimensions:

- Overall size: 160 x 60 x 60mm
- Weight: 2.7 kg

Code	Description	UOM	Price
S5205	Ø17.50 to 50mm Half Round Forming Block	EACH	£74.95

**Half Round (Shapes Ø35 to Ø75mm)**



- An old-fashioned precision semi-circle swage block made from best grade steel
- Ideal for forming bangles and bracelets
- Extra large grooves
- 3 Half Round Grooves: 35, 45 & 55mm
- 2 shallow half round grooves: Ø65 & 75mm
- Supplied with stepped madrel, steps Ø25, 38 & 45mm
- Polished stainless steel
- High quality

Dimensions

- Overall block size: 160 x 55 x 55
- Weight: 3.6kg

Code	Description	UOM	Price
D45778	Ø35 to 75mm Half Round Forming Block	EACH	£79.95

**Multi Shaped Block**

- Very popular multipurpose swage/dapping blocks
- One of its best features these forming blocks have are the selection of oval formers on one side not forgetting every side has 1/2 round, "V" grooves and dipped round sections
- We have two sorts available the Indian one is exceptional value good quality steel construction and finished to a satisfactory level
- The Italian is of an extreme precision machined, top grade selection of steel construction and of a high finish
- See website "more info" for further specification

**Multi Shaped Forming Block**



- 8 Half round grooves, sizes: 25, 22, 16, 19, 12, 7, 5, 4mm
- 14 domes, sizes: Ø24, 20, 19, 18, 17, 15, 13, 11, 8, 7, 6, 5, 4, 3mm

Code	Description	UOM	Price
D34917	Multi Shaped Forming Block	EACH	£14.95

**Multi Shaped Forming Block**



- 18 Half Round Grooves: 22, 21, 19, 18, 17, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3mm
- 3 V grooves: 5 x 2.5, 3 x 2, 2 x 2mm
- 17 Domes: Ø18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2mm
- 5 Ovals: 22 x 15, 20 x 14, 20 x 13, 17 x 11, 16 x 11mm

Overall size: 200 x 40 x 40mm  
Weight: 2.1kg

Code	Description	UOM	Price
D31904	Multi Shaped Forming Block	EACH	£24.95

**Multi Shaped Forming Block, O.M.O. Italy**



O.M.O. Italy

- 19 Half Rounds: 25, 22, 19, 18, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1mm
- 3 V grooves: 3 x 2, 3 x 1.50, 2 x 1mm
- 15 Domes: Ø19, 17, 16, 14, 12, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1mm
- 6 Ovals: 28 x 21, 23 x 17, 18 x 14, 17 x 13, 13 x 11, and 12 x 10mm
- High quality

Overall size: 210 x 45 x 45mm  
Weight: 2.9kg

Code	Description	UOM	Price
S8344	Multi Shaped Forming Block, O.M.O. Italy	EACH	£149.95



**Multi Shaped Cube**

- Vintage cube multi shaped forming blocks
- We have two sorts available, the Indian one is exceptional value good quality steel construction and finished to a satisfactory level
- The Italian is of an extreme precision machined, top grade selection of steel construction and of a high finish
- Cubes consist of half rounds, "V" grooves & rectangular/right angle channels
- See website "more info" for further specification

**Multi Shaped Forming Cube**



- Cube Swage Block
- Medium varied sizes on a cube form
- 8 half round grooves: 30, 24, 20, 16, 9, 8, 5, 4mm
- 4 rectangle/right angle grooves: 10 x 4, 8 x 3.5, 5 x 2.5, 4 x 1.5mm
- 7 "V" Grooves: 10 x 4.55, 7.5 x 3.5, 5 x 2.5, 2 x 1.5, 7.5 x 6.5, 5.5 x 4, 2.5 x 2.5mm

Dimensions:  
 • Overall size: 60 x 60 x 50mm  
 • Weight: 1.2kg

Code	Description	UOM	Price
C34919	Multi Shaped Forming Cube	EACH	£16.95

**Multi Shaped Forming Cube Including Domes**



- Cube Swage Block
- Medium varied sizes on a cube form
- 12 Domes: From Ø4 to Ø24mm
- 5 half round grooves: Ø3 to 6mm
- 6 "V" Grooves: Ø3 to 6mm
- 6 Flats: Ø3 to 6mm

Dimensions:  
 • Overall size: 50 x 50 x 50mm  
 • Weight: 900g

Code	Description	UOM	Price
D45776	Multi Shaped Forming Cube Including Domes	EACH	£15.50

**Multi Shaped Forming Cube, O.M.O. Italy**



O.M.O. Italy  
 • Medium varied sizes on a cube form

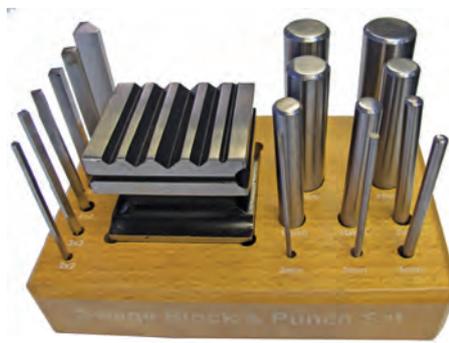
- 8 Half Round: 30, 24, 20, 16, 9, 8, 5, 4mm
- 5 Rectangle/Right Angle: 10 x 4, 8 x 3.5, 5 x 2.5, 4 x 1.5mm
- 7 "V" Grooves: 10 x 4.55, 7.5 x 3.5, 5 x 2.5, 2.00 x 1.50, 7.50 x 6.50, 5.50 x 4, 2.50 x 2.50mm

• High quality

Dimensions:  
 • Overall Size 60 x 60mm  
 • Weight: 1.3kg

Code	Description	UOM	Price
S8352	Multi Shaped Forming Cube, O.M.O. Italy	EACH	£82.95

**Multi Shaped Kit**



Cube & Forming Bars

An excellent value forming set machined finished to a high standard.

- Best grade steel construction
- Includes a wooden storage stand marked with all the sizes
- Set comprises of perfectly shaped bars which fit precisely into the swage cube

Set includes:

Block:

- 8 half round: Ø30, 24, 20, 16, 9, 8, 5 & 4mm
- 5 rectangle/right angle: 10 x 4, 8 x 3.5, 5 x 2.5 & 4 x 1.5mm
- 7 "V" grooves: 10 x 4.55, 7.50 x 3.50, 5.00 x 2.50, 2.00 x 1.50, 7.50 x 6.50, 5.50 x 4.00 & 2.50 x 2.50mm
- Overall size: 60 x 60mm
- Weight: 1.3kg

Forming Bars:

- 10 round: Ø24, 21, 18, 15, 11, 10, 7, 5, 3 & 2mm
- 5 square: 6 x 6, 5 x 5, 4 x 4, 3 x 3 & 2 x 2
- Diamond: 45 ° angle, 6 x 11mm

Code	Description	UOM	Price
F36083	Multi Shape Professional Forming Set	PACK*17	£60.95

**Multi Shaped Kit, O.M.O. Italy**



O.M.O. Italy - Cube & Forming Bars

This is an exceptional set made for the expert professional Jeweller, silversmith and jewellery artist

- Machined with accuracy and high grade steel construction
- Set comprising of perfectly shaped bars fitting into the cube former perfectly
- Wooden storage stand included

Includes wooden base 19x14cm

• High quality

Cube:

- 8 Half Round: 30, 24, 20, 16, 9, 8, 5, 4mm
- 5 Rectangle/Right Angle: 10 x 4mm, 8 x 3.5mm, 5 x 2.5mm, 4mm x 1.5mm
- 7 "V" Grooves: 10 x 4.55mm, 7.5 x 3.5mm, 5 x 2.5mm, 2.00 x 1.50mm, 7.50 x 6.50mm, 5.50 x 4mm, 2.50 x 2.50mm

Bars:

- 8 Round: Ø32, 23, 20, 16, 10, 8, 6 & 4mm
- 3 Rectangle: 9.5 x 7.5, 11.5 x 6 & 9.5 x 3.5 mm
- Diamond 45 ° angle, 10.5 x 13.5mm
- Chisel 60 °, 20 x 7.5mm

Code	Description	UOM	Price
S8337	Multi Shaped Professional Forming Set	PACK*14	£195.00

**Multi Shaped Kit, Wooden**



Cube & Forming Bars

An excellent value forming set made from wood

- Smooth wood finish
- Includes a wooden storage stand marked with all the sizes
- Set comprises of perfectly shaped bars which fit precisely into the swage cube
- Great value, perfect for the starting jewellers, or those working with softer metals such as gold

Set includes:

Block:

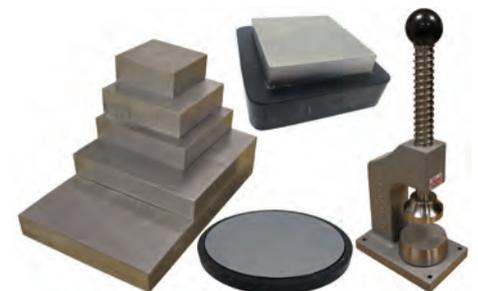
- 8 half round: Ø25, 22, 19, 17, 12, 11, 8 & 5mm
- 5 rectangle/right angle: 7.5 x 4.5, 7 x 4.5, 5.5 x 4.0, 5 x 4 & 4.5 x 3.5mm
- 5 "V" grooves: 13, 11, 9 & 8 & 7mm
- Overall size: 65 x 65mm
- Weight: 1.3kg

Forming Bars:

- 9 round: Ø25, 21, 18, 15, 11, 10, 7 & 5mm
- 5 rectangle: 12 x 7, 12 x 6, 12 x 5, 12 x 4 & 12 x 3mm
- Diamond: 45 ° angle: 14 x 14mm

Code	Description	UOM	Price
F39422	Multi Shaped Professional Forming Set	EACH	£18.95

**Blocks, Presses - Planishing**



Planishing blocks are a thick metal slab made from the highest quality hardened steel to planish or 'hammer' on metals such as gold, silver, copper, brass, platinum, palladium, titanium, etc, in order to flatten metal after it has been cut with shears and/or put through a rolling mill. These processes, particularly

the latter, can often make the surface uneven. Both sides of our planishing block are case hardened and ground flat polished on both sides, so the whole block is usable.

Additionally they are used to emboss patterns on designs, simply place the pattern, for example wire/symbol etc, on the planishing block, then place the metal sheet over the pattern and planish until the model is transferred onto the sheet.

We have a large range of sizes to cater for big to small jobs as well as a vast array of hammers and mallets to use with our planishing blocks.

*Please note:*  
To keep the Planishing Block maintained grease with WD40 (see link below) when not in use store in a dry place.

**Rubber, Noise Reduction**



Rubber Planishing Blocks

- Will not leave scratches when dapping with steel or wood
- Excellent for noise reduction
- Will reduce hand strain via a reduced vibration
- Multiple sizes available
- Width x length x height

Hint and Tip: Buy two and sandwich your piece between the two blocks; hammer to achieve a perfect and flattened finish, with no marks

Code	Description	UOM	Price
P38762	50 x 50 x 25mm Rubber Block	EACH	£2.95
D31265	100 x 100 x 25mm Rubber Block	EACH	£3.95
P39045	150 x 100 x 25mm Rubber Block	EACH	£4.50

**Urethane Pad**



- Urethane Pad
- Excellent for use with disc cutters, dapping and forming tools
- Noise reduction
- Bench protection

• 150 x 150 x 3mm

Code	Description	UOM	Price
D45779	150 x 150mm Urethane Pad	EACH	£12.95

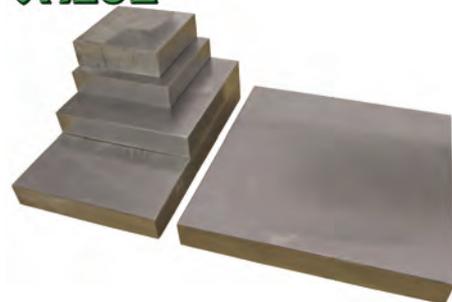
**Steel (High Mirror Finish)**



- Superior high mirror finish
- Fantastic for more delicate work
- Both sides have same high mirror finish
- Made in far east

Code	Description	UOM	Price
D35517	60 x 60 x 20mm Planishing Block	EACH	£8.95
D35518	100 x 100 x 25mm Planishing Block	EACH	£14.95

**Steel (Polished)**

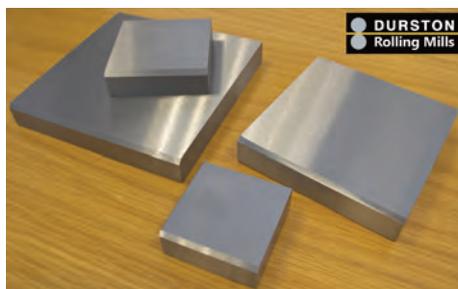


Standard planishing blocks from India available in various sizes

- Excellent value and price
- Best quality steel used, grounded down to a superb flat polished finish
- Surfaces on these Indian made items may not be as well finished as the O.M.O Italian, Wheatsheaf or Durston UK made blocks

Code	Description	UOM	Price
P34917	63 x 63 x 18mm Planishing Block	EACH	£5.80
P34918	74 x 74 x 18mm Planishing Block	EACH	£6.65
P34919	100 x 100 x 18mm Planishing Block	EACH	£7.50
P34920	150 x 100 x 18mm Planishing Block	EACH	£14.95
P34921	150 x 150 x 18mm Planishing Block	EACH	£18.95

**Steel (Polished), Durston**

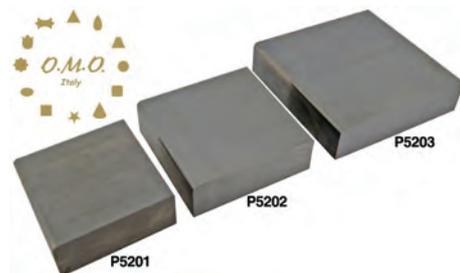


- Hardened tool steel
- Each block is ground flat, polished & case hardened
- High Quality
- Durston
- Made in UK

Code	Description	UOM	Price
P45648	50 x 50 x 20mm Planishing Block	EACH	£14.45
P45649	65 x 65 x 20mm Planishing Block	EACH	£16.45

P45650	100 x 100 x 20mm Planishing Block	EACH	£22.95
P45651	130 x 130 x 20mm Planishing Block	EACH	£32.75

**Steel (Polished), O.M.O Italy**



- Hardened steel blocks with one rounded edge for forming curves
- Italian Manufacture
- High Quality
- O.M.O Italy

Code	Description	UOM	Price
P5201	50 x 50 x 20mm Planishing Block	EACH	£12.95
P5202	60 x 60 x 20mm Planishing Block	EACH	£13.95
P5203	80 x 80 x 20mm Planishing Block	EACH	£13.95
P5204	100 x 100 x 20mm Planishing Block	EACH	£22.95

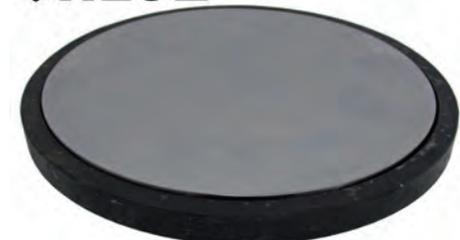
**Steel (Polished with Round Edges), Wheatsheaf**



- Hardened steel blocks with rounded edge for forming curves
- Polished surface
- High Quality
- Wheatsheaf
- UK Made

Code	Description	UOM	Price
P4244	76 x 76 x 20mm Planishing Block	EACH	£29.95
P4245	152 x 76 x 20mm Planishing Block	EACH	£44.95

**Steel (Polished with Rubber Mount), Round**



- Another excellent set which includes a vulcanised rubber firm base which absorbs the shock plus a thinner solid steel block, which is 6mm thick

- Allows you to hammer without creating excess noise or vibration at your bench

Dimensions:

- Steel block: Ø120mm x 6mm
- Overall: Ø140mm x 10mm
- Weight: 700g

Code	Description	UOM	Price
A39042	Planishing Block with Rubber Base	EACH	£14.95

## Steel (Polished with Rubber Mount), Square

VALUE



- An excellent set which includes a thick vulcanised rubber firm base which absorbs the shock plus a solid steel block which is 18mm thick
- Allows you to hammer without creating excess noise or vibration at your bench

Dimensions:

- Steel block: 70 x 70 x 18mm
- Overall: 100 x 100 x 35mm
- Weight: 1.1Kg

Code	Description	UOM	Price
P36317	Planishing Block with Rubber Base	EACH	£10.95

## Steel (Polished with Wooden Mount), Square

VALUE



- A wooden bench block with a polished steel top
- Steel top is tempered, hardened and polished
- Steel top is tba thick
- Allows you to hammer without creating excess noise or vibration at your bench or in your hand

Dimensions:

- 75 x 75 x 15mm

Code	Description	UOM	Price
D53966	75 x 75mm Block with Wooden Base	EACH	£10.95

## Steel & Nylon (with Rubber Mount)



- This is an excellent set which includes a thick vulcanised rubber firm base which absorbs shock plus a solid steel block which is 18mm thick and 75mm diameter.
- The third piece is a sturdy nylon block the same size which fits into the rubber base for lighter more delicate work
- This is a well-made set, and allows one to hammer without creating excess noise vibration at the bench.

Weight: 1kg

Dimensions are approx.

Code	Description	UOM	Price
A34915	Ø75mm Dual Planishing Block	EACH	£9.95

## Planishing Presses



Planishing Presses

- Durston, O.M.O Italy or Indian
- Dimension given is the size of the press
- Spring loaded for ease of use
- Cast iron bodies.
- Hardened and polished press heads
- Can be bolted to the table or stability (bolts not supplied)

Planishing presses are in essence a planishing block and a heavy duty hammer comprised of the highest quality hardened steel to planish or 'hammer on metals such as gold, silver, copper, brass, platinum, palladium, titanium, etc, in order to flatten metal after it has been cut with shears and/or put through a rolling mill. Cutting and milling, can often make the surface uneven so a planishing press is a quick and efficient way of flattening your work after it has been formed.

Presses are great to emboss patterns or designs, simply place the pattern, for example wire/symbol etc, on the planishing pad, then place the metal sheet over the pattern and use the sprung planishing head to hammer the sheet until the model is transferred.

Please note:

- To keep the planishing surfaces maintained grease with WD40 (see link below).
- Bolt the press to a work surface through the pre-made holes in its base, approximately Ø10mm (bolts not supplied), preferably three to four inches long.

Overall dimensions (H x W x D);

- P6541: 400 x 130 x 190mm (13kg)
- P6540: 540 x 130 x 210mm (20kg)
- P47149: 540 x 140 x 220mm (22Kg)
- P34924: 580 x 100 x 190mm (10kg)

- P35096: 600 x 100 x 20mm (16kg)

Code	Description	UOM	Price
P6541	Ø60mm Press, O.M.O Italy	EACH	£145.00
P6540	Ø78mm Press, O.M.O Italy	EACH	£199.95
P47149	Ø78mm Press, Durston	EACH	£205.00
P34924	Ø100mm Press, India	EACH	£69.95
P35096	Ø100mm Press, Heavy Base, India	EACH	£79.95

## Collet Plates, Bezel Blocks & Punches



Collets are metal bands/claws which surround a gemstone and collet making is an important and essential skill in the art of stone setting

The art of collet making has been used for generations with jewellery makers all over the world. Modern times though have changed the way jewellers use collets/mounts as when designing a handmade piece they can buy readymade mounts. This can prove to be costly and you will not always find the styles/sizes your customer requires or prefers. Using readymade mounts also takes away that defining element of handmade jewellery which your customers will appreciate more and are willing to pay for. There is nothing like fashioning and making collet mounts specific to your designs giving further elegance to your jewellery range.

We have a wide selection available with different shapes, sizes and angles, all made from highest quality steel. Looked after properly, they could well last a life time and may even be passed from one generation to the next.

Quick guide to making a collet:

1. Measure your gemstone and work out its outer size all round circumference/perimeter.
2. Cut a straight strip of metal; gold, silver, platinum, palladium, copper, brass etc.
3. Depending on the shape of your gemstone, form your strip around a mandrel; round, square, oval, triangle, rectangle, oval etc. (Ref M20873A)
4. Solder the joining seam.
5. You will notice our great range of collet blocks/plates available in various shapes, sizes and angles. This allows you to choose one that will suit your design ambitions.
6. Form your shape in to your collet block and plate, this process is also known as coning.
7. You can then saw, file or burr your collet to your obtain one of many possible effects and styles

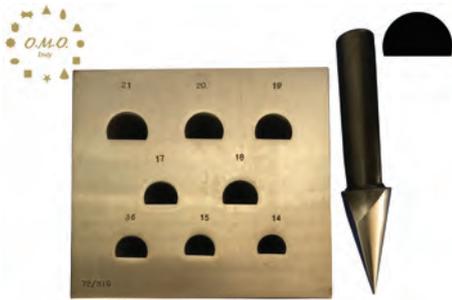
Shapes:

- Oval - 4 to 14mm
- Rectangle - 5 to 15mm
- Round - 5 to 20mm
- Square - 4 to 14mm
- Tear Drop - 4 to 14mm



**ONLINE  
ORDER STATUS**

**Half Round (O.M.O Italy)**



- Collet block with half round holes
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:

- Collet sizes x degree of punch

Code	Description	UOM	Price
C48145	Ø5 to Ø15mm with 17 Degree Punch	EACH	£179.95
C48146	Ø14 to Ø21mm with 17 Degree Punch	EACH	£233.50

**Heart (O.M.O Italy)**



- Collet block with heart shape holes
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:

- Collet sizes x degree of punch

Code	Description	UOM	Price
C48161	5 to 15mm with 17 Degree Punch	EACH	£199.95
C48162	14 to 21mm with 17 Degree Punch	EACH	£259.00

**Hexagonal (O.M.O Italy)**



- Collet block with hexagonal holes
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:

- Collet sizes x degree of punch

Code	Description	UOM	Price
C48106	4 to 14mm with 17 Degree Punch	EACH	£62.95
C48107	14 to 21mm with 17 Degree Punch	EACH	£120.20

**Hexagonal (O.M.O Italy) Elongated**



- Collet block with elongated hexagonal holes
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:

- Collet sizes x degree of punch

Code	Description	UOM	Price
C48108	4 to 14mm with 17 Degree Punch	EACH	£74.95
C48109	14 to 21mm with 17 Degree Punch	EACH	£120.20

**Hexagonal (O.M.O Italy) Extra Elongated**



- Collet block with extra elongated hexagonal holes
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:

- Collet sizes x degree of punch

Code	Description	UOM	Price
C48110	4 to 14mm with 17 Degree Punch	EACH	£74.95
C48111	14 to 21mm with 17 Degree Punch	EACH	£120.20



**Octagonal (O.M.O Italy)**



- Collet block with Octagonal holes
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:

- Collet sizes x degree of punch

Code	Description	UOM	Price
C48119	4 to 14mm with 17 Degree Punch	EACH	£64.95
C48120	14 to 21mm with 17 Degree Punch	EACH	£120.20

**Oval (O.M.O Italy)**



- Collet block with oval holes
- Various sizes
- Various degree punches available
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:

- Collet sizes x degree of punch

Code	Description	UOM	Price
C6537	4 to 14mm with 17 Degree Punch	EACH	£88.95
C48101	14 to 21mm with 17 Degree Punch	EACH	£119.95

**Oval (O.M.O Italy) Perfect**



- Collet block with perfect oval holes
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm

- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:  
• Collet sizes x degree of punch

Code	Description	UOM	Price
<b>C48147</b>	4 to 14mm with 17 Degree Punch	EACH	<b>£179.95</b>
<b>C48148</b>	14 to 21mm with 17 Degree Punch	EACH	<b>£233.50</b>

## Oval (O.M.O Italy) Narrow



- Collet block with narrow oval holes
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:  
• Collet sizes x degree of punch

Code	Description	UOM	Price
<b>C6531</b>	4 to 14mm with 17 Degree Punch	EACH	<b>£89.95</b>
<b>C48102</b>	14 to 21mm with 17 Degree Punch	EACH	<b>£120.20</b>

## Oval (O.M.O Italy) Narrow Perfect



- Collet block with perfect narrow oval holes
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:  
• Collet sizes x degree of punch

Code	Description	UOM	Price
<b>C48149</b>	5 to 15mm with 17 Degree Punch	EACH	<b>£179.95</b>
<b>C48150</b>	14 to 21mm with 17 Degree Punch	EACH	<b>£233.50</b>

## Oval (O.M.O Italy) Sharp

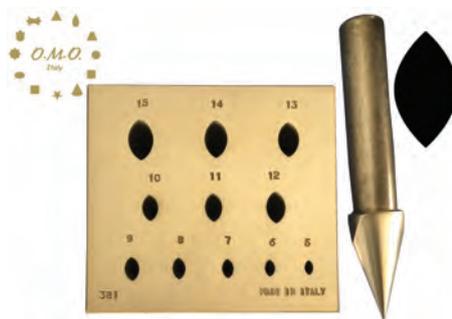


- Collet block with sharp oval holes
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:  
• Collet sizes x degree of punch

Code	Description	UOM	Price
<b>C48151</b>	5 to 15mm with 17 Degree Punch	EACH	<b>£199.95</b>
<b>C48152</b>	14 to 21mm with 17 Degree Punch	EACH	<b>£259.00</b>

## Oval (O.M.O Italy) Sharp, Swelled



- Collet block with sharp, bloated oval holes
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:  
• Collet sizes x degree of punch

Code	Description	UOM	Price
<b>C48153</b>	5 to 15mm with 17 Degree Punch	EACH	<b>£199.95</b>
<b>C48154</b>	14 to 21mm with 17 Degree Punch	EACH	<b>£259.00</b>

## Pentagonal (O.M.O Italy)



- Collet block with pentagonal holes
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:  
• Collet sizes x degree of punch

Code	Description	UOM	Price
<b>C48112</b>	4 to 14mm with 17 Degree Punch	EACH	<b>£64.95</b>
<b>C48113</b>	14 to 21mm with 17 Degree Punch	EACH	<b>£120.20</b>

## Rectangular (O.M.O Italy)



- Collet block with rectangular holes
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:  
• Collet sizes x degree of punch

Code	Description	UOM	Price
<b>C48123</b>	4 x 2.8mm to 14 x 10mm with 17 Degree Punch	EACH	<b>£77.95</b>
<b>C48116</b>	5 x 2.5mm to 15 x 7.5mm with 17 Degree Punch	EACH	<b>£74.95</b>
<b>C48139</b>	6 x 2mm to 16 x 12mm with 17 Degree Punch	EACH	<b>£74.95</b>
<b>C48135</b>	6 x 3mm to 16 x 13mm with 17 Degree Punch	EACH	<b>£74.95</b>
<b>C48131</b>	6 x 4mm to 16 x 14mm with 17 Degree Punch	EACH	<b>£74.95</b>
<b>C48127</b>	6 x 5mm to 16 x 15mm with 17 Degree Punch	EACH	<b>£74.95</b>
<b>C48117</b>	14 x 7mm to 21 x 11mm with 17 Degree Punch	EACH	<b>£120.20</b>
<b>C48132</b>	14 x 9mm to 21 x 14mm with 17 Degree Punch	EACH	<b>£120.20</b>
<b>C48124</b>	14 x 10mm to 21 x 15mm with 17 Degree Punch	EACH	<b>£120.20</b>
<b>C48136</b>	14 x 11mm to 21 x 17mm with 17 Degree Punch	EACH	<b>£120.20</b>
<b>C48128</b>	14 x 13mm to 21 x 20mm with 17 Degree Punch	EACH	<b>£120.20</b>

## Rectangular (O.M.O Italy) Chamfered Corners



- Collet block with rectangular holes with chamfered corners
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

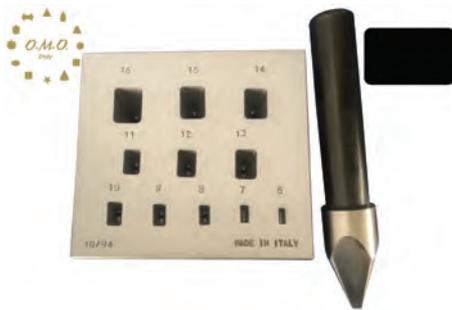
Dimensions:



• Collet sizes x degree of punch

Code	Description	UOM	Price
C48125	4 x 2.8mm to 14 x 10mm with 17 Degree Punch	EACH	£77.95
C6530	5 x 2.5mm to 15 x 7.5mm with 17 Degree Punch	EACH	£77.95
C48141	6 x 2mm to 16 x 12mm with 17 Degree Punch	EACH	£79.95
C48137	6 x 3mm to 16 x 13mm with 17 Degree Punch	EACH	£79.95
C48133	6 x 4mm to 16 x 14mm with 17 Degree Punch	EACH	£79.95
C48129	6 x 5mm to 16 x 15mm with 17 Degree Punch	EACH	£79.95
C48118	14 x 7mm to 21 to 11mm with 17 Degree Punch	EACH	£120.20
C48142	14 x 9mm to 21 x 14 with 17 Degree Punch	EACH	£120.20
C48126	14 x 10mm to 21 x 15mm with 17 Degree Punch	EACH	£120.20
C48138	14 x 11mm to 21 x 17mm with 17 Degree Punch	EACH	£120.20
C48134	14 x 12mm to 21 x 18mm with 17 Degree Punch	EACH	£120.20
C48130	14 x 13mm to 21 x 20mm with 17 Degree Punch	EACH	£120.20

**Rectangular (O.M.O Italy) Rounded Corners**



- Collet block with rectangular holes with rounded corners
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:

- Collet sizes x degree of punch

Code	Description	UOM	Price
C48169	6 x 2mm to 16 x 12mm with 17 Degree Punch	EACH	£179.95
C48167	6 x 3mm to 16 x 13mm with 17 Degree Punch	EACH	£179.95
C48165	6 x 4mm to 16 x 14mm with 17 Degree Punch	EACH	£179.95
C48163	6 x 5mm to 16 x 15mm with 17 Degree Punch	EACH	£179.95
C48168	14 x 7mm to 21 x 11mm with 17 Degree Punch	EACH	£233.50
C48166	14 x 9mm to 21 x 14mm with 17 Degree Punch	EACH	£233.50
C48170	14 x 10mm to 21 x 15mm with 17 Degree Punch	EACH	£233.50

**Rectangular (O.M.O Italy) Swelled**



- Collet block with swelled rectangular holes (rounded edges giving a swelled rectangle look)
- Various sizes
- 17 Degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:

- Collet sizes x degree of punch

Code	Description	UOM	Price
C48143	4 x 4mm to 14 x 14mm with 17 Degree Punch	EACH	£79.95
C48144	14 x 14mm to 21 x 21mm with 17 Degree Punch	EACH	£120.20

**Round (O.M.O Italy)**



- Collet block with round holes
- Various sizes
- Various degree punches available
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:

- Collet sizes x degree of punch

Code	Description	UOM	Price
C48099	Ø3 to Ø13mm with 17 Degree Punch	EACH	£49.95
C6534	Ø5 to Ø20mm with 17 Degree Punch	EACH	£59.95
C6533	Ø5 to Ø20mm with 28 Degree Punch	EACH	£59.95
C48100	Ø5 to Ø20mm with 32 Degree Punch	EACH	£59.95

**Round (Wheatsheaf UK)**



- Collet block with round holes
- Various sizes
- Various degree punches available
- Hardened Steel
- Overall size: 100 x 45 x 13mm
- Made In UK or India

Code	Description	UOM	Price
C49346	Ø3 to Ø19mm with 17 Degree Punch	EACH	£17.95

C4237	Ø5 to Ø14mm with 17 Degree Punch, Wheatsheaf UK	EACH	£36.55
C4335	Ø5 to Ø19mm with 28 Degree Punch, Wheatsheaf UK	EACH	£38.20

**Square (O.M.O Italy)**



- Collet block with square holes
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:

- Collet sizes x degree of punch

Code	Description	UOM	Price
C6532	4 to 14mm with 17 Degree Punch	EACH	£64.95
C48114	14 to 21mm with 17 Degree Punch	EACH	£120.20

**Square (O.M.O Italy) Chamfered Corners**

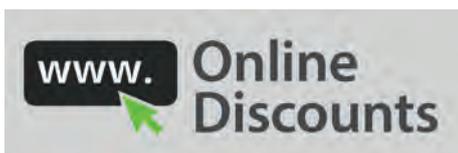


- Collet block with square holes with chamfered corners
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:

- Collet sizes x degree of punch

Code	Description	UOM	Price
C6536	4 to 14mm with 17 Degree Punch	EACH	£64.95
C48115	14 to 21mm with 17 Degree Punch	EACH	£120.20



**Square (O.M.O Italy) Swelled**



- Collet block with square swelled holes (rounded edges giving a swelled square look)
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:  
• Collet sizes x degree of punch

Code	Description	UOM	Price
C48155	4 x 4 to 14 x 14mm with 17 Degree Punch	EACH	£179.95
C48156	14 x 14 to 21 x 21mm with 17 Degree Punch	EACH	£229.95

**Tear Drop (Pear) (O.M.O Italy)**



- Collet block with tear drop (pear shape) holes
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Code	Description	UOM	Price
C6535	4 to 14mm with 17 Degree Punch	EACH	£89.95
C48103	14 to 21mm with 17 Degree Punch	EACH	£120.20

**Tear Drop (Pear) Narrow (O.M.O Italy)**



- Collet block with narrow tear drop (pear shape) holes
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm

- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Code	Description	UOM	Price
C48104	4 to 14mm with 17 Degree Punch	EACH	£89.95
C48105	14 to 21mm with 17 Degree Punch	EACH	£120.20

**Triangular (O.M.O Italy)**



- Collet block with triangular holes
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:  
• Collet sizes x degree of punch

Code	Description	UOM	Price
C48121	4 to 14mm with 17 Degree Punch	EACH	£74.95
C48122	14 to 21mm with 17 Degree Punch	EACH	£120.20

**Triangular (O.M.O Italy) with One Curved Edge**



- Collet block with triangular holes that have one curved edge (quarter circle shape)
- Various sizes
- 17 degree angled punch
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:  
• Collet sizes x degree of punch

Code	Description	UOM	Price
C48157	5 to 15mm with 17 Degree Punch	EACH	£179.95
C48158	14 to 21mm with 17 Degree Punch	EACH	£233.50



**Triangular (O.M.O Italy) Swelled**



- Collet block with swelled triangular holes (rounded edges giving a swelled triangle look)
- Various sizes
- Various degree punches available
- Overall size 100 x 90 x 25mm
- Hardened steel
- "Special K" tool steel
- O.M.O Italy

Dimensions:  
• Collet sizes x degree of punch

Code	Description	UOM	Price
C48159	5 to 15mm with 17 Degree Punch	EACH	£199.95
C48160	14 to 21mm with 17 Degree Punch	EACH	£259.00

**Cupola Sets**

*Cupola derives from the latin term "cupula", and is a term meaning a domed structure often seen in churches, temples, mosques and many places of worship/venue halls*

*Create Cupola traditional arts/craft Jewellery with our various varieties of sets small, medium, large and full set.*

- Popular with necklace designs using as a centre piece or simply on its own
- High quality dapping sets for the professional crafts person, jeweller, silversmith and artist metal worker
- All pieces hardened, ground and highly polished for the perfect results
- Sets are available in a plastic carry case or wooden stand

**Ø50mm & Ø57mm, Durston**

Cupola Set - Small - Durston



- Set includes 3 pieces with sturdy carry stand
- 2 Punches sizes Ø50mm & Ø57mm
- 1 double sided base
- With plastic carry case
- Durston 1112
- Made in Great Britain

Weight: 4kg



Code	Description	UOM	Price
C35091	Small Cupola Set, Durston	PACK*3	£79.95



**ORDER tracking**

**Ø64mm & Ø71mm, Durston**

Cupola Set - Medium - Durston



- Set includes 3 pieces with sturdy carry stand
- 2 Punches sizes Ø64mm & Ø71mm
- 1 double sided base
- With plastic carry case
- Durston 1113
- Made in Great Britain



Weight: 4.5kg

Code	Description	UOM	Price
C35092	Medium Cupola Set, Durston	PACK*3	£84.95

**Ø78mm & Ø85mm, Durston**

Cupola Set - Large - Durston



- Set includes 3 pieces with sturdy carry stand
- 2 Punches sizes Ø78mm & Ø85mm
- 1 double sided base
- With plastic carry case
- Durston 1114
- Made in Great Britain



Weight: 7kg

Code	Description	UOM	Price
C35093	Large Cupola Set, Durston	PACK*3	£114.95

**Complete Set, Durston**



Cupola Set - Complete - Durston

- Punches/Base sizes: 50mm, 57mm, 64mm, 71mm, 78mm, and 85mm
- With plastic carry case
- Durston 1111
- Made in Great Britain

Weight: 14kg

Code	Description	UOM	Price
C35090	Complete Cupola Set, Durston	PACK*9	£205.00

**Ø55mm & Ø60mm**

**VALUE**



Cupola Set - Indian

- Set includes 3pcs
- Punches/base sizes Ø55mm – Ø60mm
- With wooden storage stand
- Non EU

Weight: 4.5kg

Code	Description	UOM	Price
D34921	Cupola Set, Indian	PACK*3	£27.50

**Complete Set, Indian**

**VALUE**



Cupola Set - Complete - Wooden

- 4 punches
- 2 reversible bases
- Punches/Base sizes: Ø40, 45, 50 & 60mm
- With wooden base
- Sizes marked on base
- Made in India

Weight: 1kg

Code	Description	UOM	Price
C39419	Complete Cupola Set, Wooden	EACH	£29.95

**Disc Cutters**

*Disc Cutters are used in the design and manufacture of jewellery such as bracelets, earrings, necklaces, pendants and broaches, for contemporary or traditional designs.*

*Cutting or saw piecing circles can be arduous to perfect the complete shape; therefore disc cutters are used to cut out circular pieces from sheet metal quickly and precisely. We hold a wide range of disc cutting tools which cover a variety of sizes from 2mm to 24mm, including high quality and economic sets. The Italian and English cutters have exceptional quality and are made to a very high standard using the best grade tool steel. These tools can last a working lifetime.*

*Disc Cutters are made from hardened tool steel and constructed and designed to cut soft metals such as gold, silver, copper, brass,*

*aluminium, tin, gilding metal, bronze and pewter as well as textiles such as leather. We recommend cutting up to 1mm diameter of sheet metal with any of our disc cutters, based on gold and silver.*

*Some handy tips when using a disc cutter:*

*Select the corresponding cutting punch for the hole to be cut. Spray the area with WD40 (code C32756) to lubricate the cutting punch, this fine and inexpensive oil is ideal to use with these tools. Remove the punch from the cutting whole and place the sheet into the side slit, strike the top of the punch firmly with a hammer (code H9621) the cutter punch will puncture the piece and push out the disc.*

*We recommend these hammers to use with the following cutting punches when using our disc cutter range...*

*Use H5107 Ball Pein Hammer with Disc cutting tools D5206, D200869 and D4225. Use H33138, 16oz Blocking Hammer with Disc Cutting Tool, D8351.*

*View our range of forming tools, particularly Doming Blocks and Punches, highly suitable to use with disc cutting tools when designing and making.*

**Centre Positioning Dies**



- Centre positioning dies for your disc cutter
- Allows you to cut perfect washer shape discs
- 10 sizes: Ø3, 6, 9, 13, 16, 19, 22, 25, 28 & 32mm
- Durston dies are specific to Durston disc cutters
- The Indian dies are specific to disc cutter D48079 & cannot be used with other disc cutters\*
- Pack\*10

\*Unfortunately due to their specialised nature centre positioning dies are not available for other Indian made disc cutters.

Code	Description	UOM	Price
D45774	Centre Positioning Dies, Durston	PACK*10	£84.95
D45780	Centre Positioning Dies	PACK*10	£23.95



## Dapping Cutters, Durston



- Dapping cutters set of 20
- From Ø3 to Ø20mm
- Use this set to create perfectly rounded discs for jewellery and other crafts
- Produce perfectly formed discs from silver, gold, brass or copper up to a thickness of 0.32mm
- Hardened steel punches that are ergonomically designed to absorb the reaction caused by hammering, extending tool life
- Great for wax or metal sheet
- Stored in a protective tray
- Durston 1191B
- Made in the UK

Sizes included;

- Ø3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19 & 20mm

Code	Description	UOM	Price
D55156	Dapping Cutters, Durston	EACH	£99.95

## 2 Diameters, Ø35 & Ø45mm



- Disc cutter set of 2
- Extra large disc cutter
- Rectangular base
- Hole Ø35 & Ø45mm (marked in imperial & metric sizes)
- Die plate spring loaded to allow for easy clamping of material, controlled via allen key (supplied separately)
- Rockwell hardness rating 60, tool lasts longer than similar items on the market
- High grade D3 tool steel
- Maximum sheet thickness 2mm
- Made in India

Size and weight:

- 125 x 60 x 40mm
- Weight: 2.7Kg

Indian made disc cutter, please note the metal may

need extra preparing/finishing before and after cutting to achieve the desired finish

Code	Description	UOM	Price
D39421	2 Diameters, Ø35 & Ø45mm	EACH	£54.50

## 5 Diameters, Ø12 to Ø25mm



- Disc cutter set of 5
- Square base
- Hole Ø12, 15, 19, 22 & 25mm (marked in imperial sizes)
- Rockwell hardness rating 60, tool lasts longer than similar items on the market
- High grade D3 tool steel
- Maximum sheet thickness 2mm
- Made in India

Size and weight:

- 75 x 70 x 40mm
- Weight: 1.18Kg

Indian made disc cutter, please note that this disc cutter has no spring loaded clamp so the metal will need careful positioning as well as possible extra preparing/finishing once the blank is produced

Code	Description	UOM	Price
D35519	5 Diameters, Ø12 to Ø25mm	EACH	£25.95

## 6 Diameters, Ø19 to Ø24mm, Italian



- Large Hole Diameter Disk Cutter
- Heavy duty version for heavier sheet Sizes
- Hole Ø19, 20, 21, 22, 23 & 24mm
- Maximum sheet thickness 5mm
- O.M.O Italy

Size and weight:

- 150mm x 130mm x 130mm
- Weight: 6.6 kg

Code	Description	UOM	Price
D8351	6 Diameters, Ø19 to Ø24mm, Italian	EACH	£295.00

## 7 Diameters, Ø3 to Ø12.5mm



- Disc cutter set of 7
- Square base
- Die plate spring loaded to allow for easy clamping of material
- Holes: Ø3, 4.5, 6.2, 8, 9.5, 11 & 12.5mm (marked in imperial sizes)
- Rockwell hardness rating 60, tool lasts longer than similar items on the market
- Die plate spring loaded to allow for easy clamping of material, controlled via wooden handle
- High grade D3 tool steel
- Maximum sheet thickness 2mm
- Spare handle our code D49333
- Made in India

Size and weight:

- 70 x 75 x 30mm
- Weight: 1.5Kg

Indian made disc cutter, please note the metal may need extra preparing/finishing before and after cutting to achieve the desired finish

Code	Description	UOM	Price
D39420	7 Diameters, Ø3 to Ø12.5mm	EACH	£24.95
D51692	Ø3mm Punch	EACH	£3.95

## 7 Diameters, Ø6 to Ø15mm



- Disc cutter set of 7
- Round base
- Sizes: Ø6.3, 7.8, 9.5, 11, 12.6, 14.2, 15.8mm
- Rockwell hardness rating 60, tool lasts longer than similar items on the market
- Die plate spring loaded to allow for easy clamping of material, controlled via allen key (supplied separately)
- High grade D3 tool steel
- Maximum sheet thickness 2mm
- Made in India

Size & Weight:

- 63mm Diameter
- Weight: 600g

Indian made disc cutter, please note the metal may need extra preparing/finishing before and after cutting to achieve the desired finish

Code	Description	UOM	Price
D34920	7 Diameters, Ø6 to Ø15mm (Round Base)	EACH	£13.95

**7 Diameters, Ø6 to Ø15mm**



- Disc cutter set of 7
- Square base
- Hole Ø6, 7, 9, 11, 12, 14, & 15mm (marked in imperial sizes)
- Maximum sheet thickness 2mm
- Rockwell hardness rating 60, tool lasts longer than similar items on the market
- High grade D3 tool steel
- Made in India

Size and weight:  
 • 60 x 60 x 40mm  
 • Weight: 760g

Indian made disc cutter, please note that this disc cutter has no spring loaded clamp so the metal will need careful positioning as well as possible extra preparing/finishing once the blank is produced

Code	Description	UOM	Price
D35520	7 Diameters, Ø6 to Ø15mm (Square Base)	EACH	£24.95

**8 Diameters, Ø4.5 to Ø16mm, UK**



- 8 Punch disc cutter, on square base
- Material is put between the two halves of the die, the corresponding punch is knocked down to cut the circle from the material. Mallet/hammer is used to knock punches.
- Punch sizes: Ø4.50, 6.30, 7.90, 9.50, 11.00, 12.50, 14.00 & 15.80mm
- Maximum sheet thickness 3mm
- Made in UK

Dimensions:  
 • Size: 65 x 65 x 45mm  
 • Weight: 1.1kg

Please note that this disc cutter has no spring loaded clamp so the metal will need careful positioning as well as possible extra preparing/finishing

Code	Description	UOM	Price
D4225	8 Diameters, Ø4.5 to Ø16mm, UK	EACH	£79.95

**10 Diameters, Ø3 to Ø32mm, Durston**



Yet another well engineered tool from Durston. This is an excellent precision disc cutter. Looked after properly this tool will last a life time & possibly beyond

- Punches made from special tool steel, hardened and ground. Ends of the punches are ground at a perfect angle for great results giving you a precise cut minimising the need for de-burring after
- 10 punches sizes: Ø3, 6, 9, 13, 16, 19, 22, 25, 28, 32mm
- Punches are hardened to Rockwell hardness rating of 62
- Spring loaded die plate allows easy clamping of the material & is lockable with an Allen key (supplied)
- All components fit neatly into plastic carrying tray with metal handles
- 10 punches fit into an additional integral tray that can be removed if required
- Punches also have separate, removable carrying tray (that also fits in the main tray)
- Maximum sheet thickness 3mm
- Centre positioning dies available, our code D45774
- Weight 7.5Kg
- Durston 1201
- Made in UK

- Included:
- Durston spring loaded die plate
  - 10 punches with separate carry tray
  - Plastic carry tray with metal handles
  - Urethane pad to absorb energy of hammer blows
  - Punch lubricant
  - Set of shims to level up when punching holes
  - Allen key

Code	Description	UOM	Price
D45635	10 Diameters, Ø3 to Ø32mm, Durston	EACH	£174.95
D46049	Ø6mm Disc Cutter Punch	EACH	£25.75

**10 Diameters, Ø3 to Ø32mm**



- Disc cutter set of 10
- Supplied with rubber base
- 10 sizes: Ø3, 6, 9, 13, 16, 19, 22, 25, 28 & 32mm
- Rockwell hardness rating 60, tool lasts longer than similar items on the market
- Die plate spring loaded to allow for easy clamping of material, controlled via wooden handle
- High grade D3 tool steel
- Maximum sheet thickness 2mm
- Centre positioning dies available, our code D45870
- Made in India

Size & Weight:  
 • Ø110mm Diameter  
 • Weight: 3.4Kg

Indian made disc cutter, please note the metal may need extra preparing/finishing before and after cutting to achieve the desired finish

Code	Description	UOM	Price
D48079	10 Diameters, Ø3 to Ø32mm	EACH	£69.95

**14 Diameters, Ø3 to Ø16mm**



- Disc cutter set of 14 hardened cutters
- Rectangular base
- Sizes: Ø3, 4.5, 5, 6, 7, 7.5, 8, 8.5, 10, 11, 12, 13, 14 & 16mm
- Rockwell hardness rating 60, tool lasts longer than similar items on the market
- High grade D3 tool steel
- Used for cutting round discs with ease and accuracy
- Die plate spring loaded to allow for easy clamping of material, controlled via allen key (supplied separately)
- Max sheet capacity 2mm
- Made in India

Size & Weight:  
 • 110mm x 50mm x 33mm  
 • Weight: 1.1kg

Indian made disc cutter, please note the metal may need extra preparing/finishing before and after cutting to achieve the desired finish

Code	Description	UOM	Price
D20869	14 Diameters, Ø3 to Ø16mm	EACH	£21.95

**14 Diameters, Ø3 to Ø25mm**



- Disc cutter set of 14 hardened cutters
- Round base
- Sizes: Ø3mm to Ø25mm
- Sizes marked on the plate
- Rockwell hardness rating 60, tool lasts longer than similar items on the market
- High grade D3 tool steel
- Used for cutting round discs with ease and accuracy
- Die plate spring loaded to allow for easy clamping of material, with round locking knob
- Maximum sheet cutting thickness 2mm
- Base Ø140mm
- Weight: 1.1kg
- Made in India

Diameters:  
 • Ø3, 4.7, 6.3, 8, 9, 11, 12.7, 14.3, 16, 17.5, 19, 20.6, 22 & 25mm

Indian made disc cutter, please note the metal may



need extra preparing/finishing before and after cutting to achieve the desired finish

Code	Description	UOM	Price
D41194	14 Diameters, Ø3 to Ø25mm	EACH	£64.95
D51693	Ø3mm Punch	EACH	£3.95

## 18 Diameters, Ø2 to Ø12mm, Italian



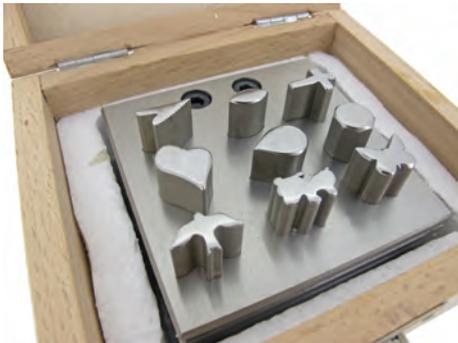
- 18 Punch Disc Cutter central slot for positioning sheet under corresponding punch.
- Punch Sizes: Ø2 to 12mm
- Maximum sheet thickness 5mm
- Round Base
- O.M.O Italy

- Size & Weight:
- 100mm x 65mm
  - Weight: 2.7kg

Please note that this disc cutter has no spring loaded clamp so the metal will need careful positioning as well as possible extra preparing/finishing

Code	Description	UOM	Price
D5206	18 Diameters, Ø2 to Ø12mm, Italian	EACH	£189.95

## Multi Shaped Disc Cutter



- Multi shaped disc cutter
- 9 shapes: Dog, tear drop, octagon, Christian cross, bird, thin heart, eye, heart & butterfly
- Shapes are all 10 to 15mm wide (approximate)
- Rockwell hardness rating 60, tool lasts longer than similar items on the market
- Die plate spring loaded to allow for easy clamping of material, controlled via allen key (supplied separately)
- High grade D3 carbon tool steel
- Rectangular base
- Can be used with a hydraulic press
- Maximum sheet thickness 2mm
- Made in India

Indian made disc cutter, please note the metal may

need extra preparing/finishing before and after cutting to achieve the desired finish

Code	Description	UOM	Price
D44125	Disc Cutter, Multi Shaped	EACH	£119.95

## Multi Shaped Disc Cutter



- Multi shaped disc cutter
- 9 shapes: Heart, angel wing, pacman, phoenix, ribbon, puzzle piece, dog bone, tortoise & fish
- Shapes are all 10 to 15mm wide (approximate)
- Die plate spring loaded to allow for easy clamping of material, controlled via allen key (supplied separately)
- Rockwell hardness rating 60, tool lasts longer than similar items on the market
- High grade D3 carbon tool steel
- Rectangular base
- Can be used with a hydraulic press
- Maximum sheet thickness 2mm
- Made in India

Indian made disc cutter, please note the metal may need extra preparing/finishing before and after cutting to achieve the desired finish

Code	Description	UOM	Price
D49497	Disc Cutter, Multi Shaped	EACH	£145.00

## Multi Shaped Disc Cutter (Geometric Shapes)



- Multi shaped disc cutter
- 9 shapes: Flower, oval, tear drop, diamond, star, heart, triangle, rectangle & square
- Shapes are all 10 to 15mm wide (approximate)
- Die plate spring loaded to allow for easy clamping of material, controlled via allen key (supplied separately)
- Rockwell hardness rating 60, tool lasts longer than similar items on the market
- High grade D3 carbon tool steel
- Rectangular base
- Can be used with a hydraulic press
- Maximum sheet thickness 2mm
- Made in India

Indian made disc cutter, please note the metal may need extra preparing/finishing before and after cutting to achieve the desired finish

Code	Description	UOM	Price
D42094	Multi Shaped Disc Cutter	EACH	£125.00

## Diamond Disc Cutter



- Diamond disc cutter
- 4 sizes: 12, 20, 26 & 35mm
- Supplied with 4 extra diamond centre positioning dies
- The dies allow you to easily create hollow diamonds (see additional images)
- Die plate spring loaded to allow for easy clamping of material
- Rockwell hardness rating 60, tool lasts longer than similar items on the market
- High grade D3 carbon tool steel
- Rectangular base
- Maximum sheet thickness 2mm
- Made in India
- Base 75 x 80mm
- 1.4Kg

Indian made disc cutter, please note the metal may need extra preparing/finishing before and after cutting to achieve the desired finish

Code	Description	UOM	Price
D49454	Diamond Disc Cutter with Centre Positioning Punches	EACH	£175.00

## Flower Disc Cutter



- Flower disc cutter
- 4 sizes: Ø10, 15, 20 & 25mm
- Rockwell hardness rating 60, tool lasts longer than similar items on the market
- High grade D3 carbon tool steel
- Die plate spring loaded to allow for easy clamping of material
- Rectangular base
- Can be used with a hydraulic press
- Maximum sheet thickness 2mm
- Made in India
- Spare handle our code D49333
- Base 75 x 80mm
- 1.4Kg

Indian made disc cutter, please note the metal may

need extra preparing/finishing before and after cutting to achieve the desired finish

Code	Description	UOM	Price
D40309	Flower Disc Cutter	EACH	£134.95

**Heart Disc Cutter**



- Heart disc cutter
- 5 sizes: 10 x 12, 12 x 15, 15 x 18, 20 x 24 & 20 x 25mm
- Rockwell hardness rating 60, tool lasts longer than similar items on the market
- High grade D3 carbon tool steel
- Die plate spring loaded to allow for easy clamping of material
- Rectangular base
- Can be used with a hydraulic press
- Maximum sheet thickness 2mm
- Spare handle our code D49333
- Made in India
- Base 75 x 80mm
- 1.4Kg

Indian made disc cutter, please note the metal may need extra preparing/finishing before and after cutting to achieve the desired finish

Code	Description	UOM	Price
D40307	Heart Shapes Disc Cutter	EACH	£159.95

**Hexagon Disc Cutter**



- Hexagon disc cutter
- 5 sizes: Ø12, 15, 18, 21 & 24mm
- Rockwell hardness rating 60, tool lasts longer than similar items on the market
- High grade D3 carbon tool steel
- Die plate spring loaded to allow for easy clamping of material
- Rectangular base
- Can be used with a hydraulic press
- Maximum sheet thickness 2mm

- Spare handle our code D49333
- Made in India
- Base 75 x 80mm
- 1.4Kg

Indian made disc cutter, please note the metal may need extra preparing/finishing before and after cutting to achieve the desired finish

Code	Description	UOM	Price
D40308	Hexagon Shapes Disc Cutter	EACH	£165.00

**Oval Disc Cutter**



- Oval disc cutter
- 7 sizes: 6 x 4, 8 x 6, 10 x 8, 12 x 10, 14 x 10, 16 x 14 & 18 x 16mm
- Rockwell hardness rating 60, tool lasts longer than similar items on the market
- High grade D3 carbon tool steel
- Die plate spring loaded to allow for easy clamping of material
- Rectangular base
- Can be used with a hydraulic press
- Maximum sheet thickness 2mm
- Spare handle our code D49333
- Made in India
- Base 75 x 80mm
- 1.4Kg

Indian made disc cutter, please note the metal may need extra preparing/finishing before and after cutting to achieve the desired finish

Code	Description	UOM	Price
D40304	Oval Shapes Disc Cutter	EACH	£127.95

**Square Disc Cutter**



- Square disc cutter
- 7 sizes: 4, 6, 8, 10, 12, 14 & 16mm
- Rockwell hardness rating 60, tool lasts longer than similar items on the market
- High grade D3 carbon tool steel
- Die plate spring loaded to allow for easy clamping of material
- Rectangular base
- Can be used with a hydraulic press
- Maximum sheet thickness 2mm
- Spare handle our code D49333
- Made in India
- Base 75 x 80mm
- 1.4Kg

Indian made disc cutter, please note the metal may need extra preparing/finishing before and after cutting to achieve the desired finish

Code	Description	UOM	Price
D40310	Square Disc Cutter	EACH	£120.00

**Square & Rectangle Disc Cutter**



- Square & rectangle disc cutter
- 4 sizes: 10, 15, 20 & 12 x 25mm
- Rockwell hardness rating 60, tool lasts longer than similar items on the market
- High grade D3 carbon tool steel
- Rectangular base
- Can be used with a hydraulic press
- Die plate spring loaded to allow for easy clamping of material
- Maximum sheet thickness 2mm
- Spare handle our code D49333
- Made in India
- Base 75 x 80mm
- 1.4Kg

## Hammers & Mallets

See From Page 801

Indian made disc cutter, please note the metal may need extra preparing/finishing before and after cutting to achieve the desired finish

Code	Description	UOM	Price
D40306	Sqaure & Rectangle Disc Cutter	EACH	£124.95

## Star Disc Cutter



- Star disc cutter
- 5 sizes: Ø12, 15, 18, 21 & 25.5mm
- Rockwell hardness rating 60, tool lasts longer than similar items on the market
- High grade D3 carbon tool steel
- Die plate spring loaded to allow for easy clamping of material
- Rectangular base
- Can be used with a hydraulic press
- Maximum sheet thickness 2mm
- Spare handle our code D49333
- Made in India
- Base 75 x 80mm
- 1.4Kg

Indian made disc cutter, please note the metal may need extra preparing/finishing before and after cutting to achieve the desired finish

Code	Description	UOM	Price
D40305	Star Disc Cutter	EACH	£135.00

## Disc Cutter Handle

- Spare handle for disc cutters
- Wooden finsh
- Handle, thread & spring



For disc cutters:

- D40309
- D40307
- D40309
- D40304
- D40310
- D40306
- D40305
- D39420

Code	Description	UOM	Price
D49333	Disc Cutter Handle	EACH	£3.95

## Draw Plates



A draw plate is a multi-die plate made of hardened steel which wire is drawn through to thin it. Our Draw Plates are available in many different shapes and sizes including round, square, oval, half-round rectangular square and triangular for reducing and forming different shaped wire. The drawing holes on the plate are wider at the rear and taper slightly towards the front.

**Method:**

- Prepare the wire by hammering, filing, rolling or swaging, to reduce it, in order for it to fit through the die; the wire is then ready to be pulled through the die.
- During this process the volume of the wire remains the same, so as the diameter decreases, the length increases.
- Usually the wire requires to be drawn through several dies, allowing the wire to gradually decrease until the desired size is reached, to ensure the longevity of the die plate.
- When drawing, anneal the wire first and file at one end to taper it.
- Measure the diameter of the wire and insert the tapered end into a die hole the closest size smaller to its diameter.
- Use Draw Tongs (D6239) to hold and pull the wire through the die. Sometimes it may be necessary to lubricate the wire with grease or wax, see our code P1406.
- A wire can be drawn up to three times consecutively before it needs to be re-annealed. The drawing process makes the wire brittle, not re-annealed the wire can cause snapping.
- Metals such as gold, silver, copper, brass, bronze and pewter can be drawn through a regular steel plate, whereas stronger metals such as platinum, titanium and palladium wire are recommended to be drawn through a tungsten carbide plate for durability. All metals drawn with this plate, however, will have a polished finish coat.
- Every draw plate we stock is made from the very best hardened steel to ensure optimum longevity.

The above picture is of a round hole steel draw plate with 31 Holes Ø3.00 to 6.00mm (code D4458) and a heavy duty workshop vice (code V33154) holding it. Below is a guide for making round tube with this item...  
Formula to find the circumference of a round tube: Multiply diameter by 3.1416

- Depending on the size of the tube to be made, cut the sheet to the desired strip width considering the formula above.
- Remove the sharp edge of the sheet to make drawing easier by using a Deburring Tool with Pocket Clip (Code B31879).
- Prepare one end by cutting it to a point so it will fit through the preferred die size. Ensure the point is long enough so the wire can be pulled through the die with a draw tong easily (code D6239).
- Coat the edges with Beeswax (P1406) to lubricate.
- Secure the draw plate in a vice and draw the wire, this will achieve the tubular shape illustrated in the picture above.
- Finally, use a Tube Cutting Jig with Sizing Gauge (T31883) to cut the tube to the length you would like which is now ready to be soldered.

## Steel by Shape

Draw Plate

Comprehensive selection of draw plates

- Unbelievably good value for money
- Various shapes and sizes available
- Handy for wax wire shaping
- Suitable for Gold, Silver, Aluminium, Copper & Soft Steel Wire.
- Made in India

### D Shape (30 holes) Ø3.50 to 6.70mm



- Half Round (D Shape)
- 30 holes
- Overall size: 205 x 30 x 5mm

Code	Description	UOM	Price
D35069	D Shape (30 holes) Ø3.50 to 6.70mm	EACH	£3.50

### Hexagonal (30 holes) 1.60 to 5.00mm



- Hexagonal holes
- 30 holes
- Overall size: 205 x 30 x 5mm

Code	Description	UOM	Price
D35068	Hexagonal (30 holes) 1.60 to 5.00mm	EACH	£3.50

### Oval (30 holes) 1.40 x 3.20 to 3.00 x 6.00mm



- Oval hole
- 30 holes

**PRICE PROMISE  
GUARANTEE**

• Overall size: 205 x 30 x 5mm

Code	Description	UOM	Price
D35067	Oval (30 holes) 1.40 x 3.20 to 3.00 x 6.00mm	EACH	£3.50

**Rectangular (30 holes) 1.20 x 3.00 to 2.50 x 6.00mm**



• Rectangular Hole  
• 30 holes  
• Overall size: 205 x 30 x 5mm

Code	Description	UOM	Price
D35079	Rectangular (30 holes) 1.20 x 3.00 to 2.50 x 6.00mm	EACH	£3.50

**Round (63 holes) Ø0.30 to 1.60mm**



• Round hole  
• 63 holes  
• Overall size: 115 x 25 x 5mm

Code	Description	UOM	Price
D35059	Round (63 holes) Ø0.30 to 1.60mm	EACH	£3.50

**Round (71 holes) Ø0.30 to 2.70mm**



• Round hole  
• 71 holes  
• Ø0.30 to 2.70mm  
• Overall size: 165 x 25 x 5mm

Code	Description	UOM	Price
D35060	Round (71 holes) Ø0.30 to 2.70mm	EACH	£3.50

**Round (82 holes) Ø0.80 to 2.50mm**



• Round hole  
• 82 holes  
• Overall size: 255 x 30 x 6mm

Code	Description	UOM	Price
D35061	Round (82 holes) Ø0.80 to 2.50mm	EACH	£3.50

**Round (91 holes) Ø0.70 to 4.00mm**



• Round hole  
• 91 holes  
• Overall size: 255 x 30 x 6mm

Code	Description	UOM	Price
D35062	Round (91 holes) Ø0.70 to 4.00mm	EACH	£3.50



**Round (30 holes) Ø1.50 to 4.30mm**



• Round hole  
• 30 holes  
• Overall size: 215 x 30 x 5mm

Code	Description	UOM	Price
D35070	Round (30 holes) Ø1.50 to 4.30mm	EACH	£3.50

**Square (20 holes) 1.80 to 3.00mm**



• Square hole  
• 20 holes  
• Overall size: 155 x 25 x 5mm

Code	Description	UOM	Price
D35063	Square (20 holes) 1.80 to 3.00mm	EACH	£3.50

**Square (25 holes) 2.00 to 3.30mm**



• Square hole  
• 25 holes  
• Overall size: 155 x 25 x 5mm

Code	Description	UOM	Price
D35064	Square (25 holes) 2.00 to 3.30mm	EACH	£3.50

**Square (25 holes) 2.30 to 3.40mm**



• Square hole  
• 25 holes  
• Overall size: 155 x 25 x 5mm

Code	Description	UOM	Price
D35065	Square (25 holes) 2.30 to 3.40mm	EACH	£3.50

**Square (30 holes) 1.60 to 4.30mm**



• Square hole  
• 30 holes  
• Overall size: 205 x 30 x 5mm

Code	Description	UOM	Price
D35066	Square (30 holes) 1.60 to 4.30mm	EACH	£3.50

**Tear Drop (30 holes) 1.50 x 2.50 to 3.70 x 5.00mm**



• Tear Drop Holes  
• 30 Holes  
• Overall size: 205 x 30 x 5mm

Code	Description	UOM	Price
D35071	Tear Drop (30 holes) 1.50 x 2.50 to 3.70 x 5.00mm	EACH	£3.50

**Triangular (30 holes) 2.00 to 4.50mm**



• Triangular Holes  
• 30 Holes  
• Overall size: 195 x 30 x 5mm

Code	Description	UOM	Price
D35072	Triangular (30 holes) 2.00 to 4.50mm	EACH	£3.50

**Steel by Shape, A\*F Swiss & Italian**

Draw Plates - A\*F Swiss - O.M.O Italy  
Comprehensive selection of draw plates

- A\*F Swiss unless otherwise stated
- O.M.O Italy also available
- Various shapes and sizes available
- Handy for wax wire shaping

Please note not recommended to draw platinum and is advisable to anneal your metals to soften before drawing

**D Shape (20 holes) Ø1.00 to 3.00mm**



A\*F Swiss  
• Half Round (D shaped)  
• 20 Holes Ø1.00 to 3.00mm  
• Overall size: 170 x 35 x 8mm  
• Hardened Steel, A\*F Swiss 149.550A

Code	Description	UOM	Price
D4453	D Shape (20 holes) Ø1.00 to 3.00mm	EACH	£50.85

**Oval (31 holes) Ø3.00 to 6.00mm**



A\*F Swiss  
• Oval Hole Draw Plate  
• 31 Holes Ø3.00 to 6.00mm  
• Overall size: 235 x 50 x 10mm  
• Hardened Steel, A\*F Swiss 149.552

Code	Description	UOM	Price
D4454	Oval (31 holes) Ø3.00 to 6.00mm	EACH	£63.95

**Rectangular (20 holes) 0.50 x 1.40 to 1.00 x 3.00mm**



A\*F Swiss

- 20 Holes: widths: 0.50 to 1.00mm, Lengths: 1.40 to 3.00mm
- Overall size: 165 x 35 x 7mm
- Hardened Steel, A\*F Swiss 149.554A

Code	Description	UOM	Price
D4456	Rectangular (20 holes) 0.50 x 1.40 to 1.00 x 3.00mm	EACH	£51.25

## Round (31 holes) Ø3.00 to Ø6.00mm



- A\*F Swiss
- 31 Holes Ø3.00 - 6.00mm
- Overall size: 235 x 50 x 9.5mm
- Hardened Steel, A\*F Swiss 149.556

Code	Description	UOM	Price
D4458	Round (31 holes) Ø3.00 to Ø6.00mm	EACH	£47.15

## Round (31 Holes) Ø6.00 to Ø9.00mm, O.M.O Italy



- O.M.O Italy
- 31 Holes Ø6.00 - Ø9.00mm
- Overall size: 300 x 70 x 12mm
- Hardened Steel

Code	Description	UOM	Price
D49422	Round (31 Holes) Ø6.00 to Ø9.00mm, O.M.O Italy	EACH	£59.95

## Square (31 holes) 0.50 to 3.00mm



- A\*F Swiss
- Square Hole Draw Plate
- 31 Holes, Range 0.50 to 3.00mm
- Overall size: 165 x 35 x 7mm
- Hardened Steel, A\*F swiss 149.553A

Code	Description	UOM	Price
D4455	Square (31 holes) 0.50 to 3.00mm	EACH	£79.95

## Triangular (31 holes) 3.00 to 6.00mm



- A\*F Swiss
- Triangular Draw Plate
- 31 Holes, Range 3.00 to 6.00mm
- Overall size: 235 x 50 x 9.5mm
- Hardened Steel, A\*F Swiss 149.555

Code	Description	UOM	Price
D4457	Triangular (31 holes) 3.00 to 6.00mm	EACH	£99.95

## Steel Multishape



Draw Plate - Multishape

- 10 Square (2.50 to 3.50mm)
- 10 Triangular (2.60 to 3.60mm)
- 10 Half Round (Ø3 to Ø4.80mm)
- 10 Oval (Ø3.00 to Ø4.00mm)
- Unbelievably good value for money
- Handy for wax wire shaping
- Suitable for fully annealed soft copper & similar soft metals
- Made in India

Code	Description	UOM	Price
D37133	Draw Plate, Multi Shape	EACH	£4.95

## Tungsten, Round

Draw Plates - Tungsten

Round hole tungsten carbide draw plates are extremely durable and if looked after properly will last a life time, in fact you may even pass it down!

- Some of the best features of having a tungsten carbide draw plate is you will notice the wire coming out highly polished.
- Excellent range of sizes going down to very fine perfect to do filigree jewellery work
- Smooth cutting action as tungsten cutting dies bits stay sharp
- Tungsten carbide is 3 times stiffer than steel and much denser than titanium
- Draw wires of gold, silver, platinum, palladium, copper, brass, titanium etc
- A good tip while drawing wire is to run bees wax (Cousins Ref. P1406) along the wire before entering the draw tungsten bit to get a very smooth cutting action

## Ø0.20 to 0.30mm, 5 Hole



- Tungsten holes
- Brass plate
- 5 Holes Ø0.20 to 0.30mm (31 to 35 SWG)
- Overall size: 90 x 25 x 7.5mm
- Made in India

Code	Description	UOM	Price
S39282	Ø0.20 to 0.30mm, 5 Hole	EACH	£9.95

## Ø0.26 to 2.80mm, 39 Hole, A\*F Swiss



- A\*F Swiss 149.549
- Tungsten
- 39 Holes Ø0.26 to 2.80mm

- Overall size: 210 x 47 x 7.5mm

Code	Description	UOM	Price
D0432	Ø0.26 to 2.80mm, 39 Hole, A*F Swiss	EACH	£74.90

## Ø0.28 to 2.90mm, 52 Hole



- 52 Holes Ø0.28 to 2.90mm
- Overall size: 205 x 55 x 7mm
- Made in India

Code	Description	UOM	Price
D34943	Ø0.28 to 2.90mm, 52 Hole	EACH	£40.95

## Ø0.90 to 1.60mm, 5 hole



- Tungsten holes
- Brass plate
- 5 Holes Ø0.90 to 1.60mm (16 to 20 SWG)
- Overall size: 95 x 25 x 7.5mm
- Made in India

Code	Description	UOM	Price
S39281	Ø0.90 to 1.60mm, 5 hole	EACH	£9.50

## Ø2.30 to 6.00mm, 24 Hole, A\*F Swiss



- A\*F Swiss 149.623
- Tungsten
- 24 Holes Ø2.30 to 6.00mm
- Overall size: 300 x 50 x 9.5mm
- Hardened Steel

Code	Description	UOM	Price
D4459	Ø2.30 to 6.00mm, 24 Hole, A*F Swiss	EACH	£114.95

## Wooden, Round

Draw Plates - Wooden - For Soft Chain

- Round hole, rosewood draw plates
- Excellent for soft chain or wire
- Lightweight & easy to use



**Ø1.20 to 6.50mm, 12 Hole with Tang**

**VALUE**



- Holes: Ø1.20mm to Ø6.50mm
- 12 Holes
- Rosewood
- with Tang

Code	Description	UOM	Price
D37824	Ø1.20 to 6.50mm, 12 Hole with Tang	EACH	£3.95

**Ø3.00 to 14.00mm, 12 Hole**

**VALUE**



- Holes: Ø3.00mm to Ø14.00mm
- 12 Holes
- Rosewood
- Hand or Vice Held

Code	Description	UOM	Price
D37825	Ø3.00 to 14.00mm, 12 Hole	EACH	£5.95

**Draw Tongs**

**Draw Bench**



A new draw bench, manufactured by Durston here in the UK

- 950mm long
- 4 to 1 gear box making drawing wire effortless
- Can also use direct drive by simply reversing the handle, making drawing quicker
- Supplied complete with Durston draw tongs
- Usually delivers within 2 to 3 days from date of order
- Durston 1190
- Made in UK

Dimensions:  
 • 137 x 56 x 97cm (L x W x H)  
 • 50Kg

Code	Description	UOM	Price
D49731	Draw Bench	EACH	£595.00

**Draw Bench, Table Top**



Durston prides itself on a comprehensive product range to suit every budget and their new low cost draw bench is a great example of design excellence in an affordable package!

- 1 metre long
- Sits on your existing workbench/table
- When finished simply slot away or even hand it on the wall
- 4 to 1 gear box making drawing wire effortless
- Supplied complete with Durston draw tongs
- Compact & light weight, easy to use, set up & put away
- Perfect where space is a premium
- 24Kg
- Durston
- Made in UK

Code	Description	UOM	Price
D49732	Draw Bench, Table Top	EACH	£295.00

**125mm (6mm) with Sliding Clamp**



Overall length: 125mm  
 Jaw width: 6mm

Cousins Swiss Style

- 6mm wide x 15mm deep jaws
- Serrated jaws
- 125mm overall length
- Box joint for extra strength
- Very good quality
- With spring and locking ring
- Weight 100g

Code	Description	UOM	Price
P48625	125mm (6mm) with Sliding Clamp	EACH	£17.95

**140mm (29mm) with Sliding Clamp**



Overall length: 140mm

Jaw width: 29mm

Cousins Swiss Style

- 29mm wide jaws
- Serrated jaws
- 140mm overall length
- Box joint for extra strength
- Very good quality
- With spring and locking ring
- Weight 120g

Code	Description	UOM	Price
P48624	140mm (29mm) with Sliding Clamp	EACH	£19.95

**150mm (30mm) without Locking Clamp**



Overall length: 150mm  
 Jaw width: 30mm

Cousins Swiss Style

- TBAm wide jaws
- Serrated jaws
- 150mm overall length
- Box joint for extra strength
- Very good quality
- With spring
- Weight 120g

Code	Description	UOM	Price
P48627	150mm (30mm) without Locking Clamp	EACH	£21.95

**150mm (32mm) with Sliding Clamp**



Overall length: 150mm  
 Jaw width: 32mm

Draw Tong with Clamp  
 • Overall Length 150mm  
 • Jaw Width 32mm  
 • Light/Medium Duty

Code	Description	UOM	Price
D9474	150mm (32mm) with Sliding Clamp	EACH	£15.25



**170mm (35mm) with Sliding Clamp**

**COUSINSUK**



Overall length: 170mm  
Jaw width: 35mm

Cousins Swiss Style

- 35mm wide jaws
- Serrated jaws
- 170mm overall length
- Box joint for extra strength
- Very good quality
- With spring and locking ring
- Weight 140g

Code	Description	UOM	Price
P48626	170mm (35mm) with Sliding Clamp	EACH	£19.95

**200mm (15mm) with Curved Handle**

**VALUE**



Overall length: 200mm  
Jaw width: 15mm

- For holding wire to pull through draw plates.
- Special curved handle allowing extra pulling power and stability
- Serrated jaws
- Overall length 200mm
- Jaw width 15mm
- Jaw depth 35mm
- Weight 480g

Code	Description	UOM	Price
D36256	200mm (15mm) with Curved Handle	EACH	£7.45

**200mm (24mm) with Ring**

**VALUE**



Overall length: 200mm  
Jaw width: 24mm

- Draw Tong with Ring
- Overall Length 200mm
- Jaw Width 24mm
- Jaw Depth 30mm
- Heavy Duty

- Hooked handles with stout pull ring

Code	Description	UOM	Price
D9473	Draw Tongs, 200mm with Ring	EACH	£12.95

**230mm (10mm) with Screw Locking**

**COUSINSUK**



Overall length: 230mm  
Jaw width: 10mm

Cousins Swiss Style

- 10mm wide x 60mm deep jaws
- Maximum jaw opening 70mm
- Serrated jaws
- 230mm overall length
- Box joint for extra strength
- Very good quality
- With screw locking system
- Weight 100g

Code	Description	UOM	Price
P48628	230mm (10mm) with Grip Locking	EACH	£15.95

**250mm (15mm) with Curved Handle**

**VALUE**



Overall length: 250mm  
Jaw width: 15mm

- For holding wire to pull through draw plates
- Special curved handle allowing extra pulling power and stability
- Serrated jaws
- Overall length 250mm
- Jaw Width 15mm
- Jaw Depth 40mm
- Medium Duty

Code	Description	UOM	Price
D6239	Draw Tongs, 250mm	EACH	£10.95



**Jump Ring Making & Manufacturing**

**Easy Twist Tool**

**VALUE**



Jump Ring Making - Cousins - Easy Twist

- An inexpensive tool to make your own jump rings
- A speedy way of making a coil, ready to cut into jump rings
- Simple to use to make multiple jump rings
- Screw the preferred sized mandrel into the plastic base, hold the wire at the bottom end (nearest to the base) and place your finger into the hole
- Then simply twist the plastic base around your finger whilst gradually letting the wire wrap up and around the mandrel
- Mandrels are threaded at the end while enables a quick and easy change over between the mandrels and the plastic holder
- Each mandrel is 95mm long, depending on the size of the wire you can make up to 100 jump rings (Based on 1mm gold wire)
- Light weight and easy to use
- Oval mandrels also available
- Made from carbon steel

Dimensions:

- Base: 146mm x 55mm x 5mm
- J31876: 4pcs mandrel set sizes: Ø4, 6, 7, 8mm
- J31877: 4pcs mandrel set sizes: Ø10, 12, 14, 18mm
- D53969: 3pcs mandrel set sizes: 6 x 4, 7 x 5 & 8 x 6mm

Code	Description	UOM	Price
J31876	Round (Ø4 to Ø8mm) Jump Ring Maker	EACH	£4.95
J31877	Round (Ø10 to Ø18mm) Jump Ring Maker	EACH	£5.80
D53969	Oval (Ø6 to Ø8mm) Jump Ring Maker	PACK*3	£5.40

**Hand Held Stepped Mandrels**

**VALUE**



Jump Ring Making - Stepped

- An inexpensive tool to make your own jump rings
- Comfortable plastic holding handles
- Each stepped lengths are 18mm long, depending on

- the size of the wire you can make up to 25 jump rings (Based on 1mm gold wire)
- Small Mandrel Ø: 1.5, 2.5, 3.5, 4.5 & 5mm
  - Large Mandrel Ø: 6, 7, 8, 9 & 10mm
  - Light weight and easy to use
  - Made from carbon steel
  - Cut production costs by making your own jump rings in gold, silver and platinum

Size: entire length 230mm  
Weight: 135 grams per set of 2

Code	Description	UOM	Price
M31885	Ø1.5mm to Ø10mm Jump Ring Making Mandrels	PACK*2	£11.95

### Jump Ring Maker



Jump Ring Maker

Excellent for easily producing multiple jump rings, links etc, from round or oval wire. Suitable for use with the Foredom number 30 handpiece & pendant motor (as well as the Dremel equivalent) (pendant motor kit our code K2220CE, number 30 handpieces our codes FD30 & FD30SJ)

How to use:

1. Place the preferred mandrel size into the chuck and tighten, locking the mandrel in place ready to make your coil of wire.
2. Keeping the wire pulled tight, use the handle to rotate the mandrel creating a tight coil of wire around your mandrel.
3. Remove the coil from the mandrel and place in the coil holder, twisting the nuts to press the sprung loaded top down, holding your now coiled wire firmly in place.
4. Insert your number 30 hand piece (not supplied) into the protective collar. Then attach the circular saw blade using the cutter holder attachment provided.
5. Lubricate the saw blade using our burr cut lube (B4181)
6. Cut along the slit, cutting your coil into your simple and easy to make jump rings

Kit contains:

- 20 mandrels, from Ø2.5 to Ø12mm (sizes carved on wooden base)
- Rotation stand and lever (can be screwed to base, screws not supplied)
- Spring loaded coil holder
- Protective hand piece collar (for no.30 hand piece, supplied separately)
- Saw cutter blade
- Attachment for saw cutter blade
- Supplied on wooden base with labelled compartments

Made in India

Code	Description	UOM	Price
J39047	Jump Ring Maker	EACH	£149.95
J40313	Saw Cutter Blade for Jump Ring Maker	EACH	£7.95



**ORDER tracking**

### Jump Ring Maker, Durston



No pendant motor? No worries!

Use the excellent quality Durston mandrels and chuck holder on their own to create perfect sized jump rings every time, using your existing cutters.

- 20 mandrels, Ø2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5 and 12mm
- Increased mandrel length, each one 120mm long
- Rotation stand and lever which screws into the metal base and is taller, giving more room to work
- Durston 1318

Code	Description	UOM	Price
R48922	Chuck & Mandrels	EACH	£94.95

### Jump Ring Maker, Durston (PRO 2)



Durston Jump Ring Maker PRO 2 - The Ringer

Jump Ring Maker - Made In Great Britain by Durston - Removable from Base

Excellent for easily producing multiple jump rings, links etc, from round or oval wire. Suitable for use with the Foredom number 30 handpiece & pendant motor (as well as the Dremel equivalent) (pendant motor kit our code K2220CE, number 30 handpieces our codes FD30 & FD30SJ)

Kit contains:

- 20 mandrels, Ø2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5 and 12mm
- Increased mandrel length, each one 120mm long
- Rotation stand and lever which screws into the metal base and is taller, giving more room to work
- Spring loaded coil holder with screws for attaching to your work bench if required
- Protective hand piece collar (for no.30 hand piece)
- Saw cutter blade and attachment, high speed steel
- Supplied on metal base, components are removable

How to use:

1. Place the preferred mandrel size into the chuck and tighten, locking the mandrel in place ready to make your coil of wire.
2. Keeping the wire pulled tight, use the handle to rotate the mandrel creating a tight coil of wire around your mandrel.
3. Remove the coil from the mandrel and place in the coil holder, twisting the nuts to press the sprung

- loaded top down, holding your now coiled wire firmly in place.
4. Insert your number 30 hand piece into the protective collar. Then attach the circular saw blade using the cutter holder attachment provided.
5. Lubricate the saw blade using our burr cut lube (B4181)
6. Cut along the slit, cutting your coil into your simple and easy to make jump rings

- Made in Great Britain
- Durston 1308

Code	Description	UOM	Price
R42922	Jump Ring Maker, Durston	EACH	£169.95
D43131	Blade for Jump Ring Tool, Durston	EACH	£11.75

### Jump Ring Maker, Italian



Jump Ring Making - Italian

Excellent for producing multiple jump rings, links etc, from round or oval wire.

Place the preferred mandrel size into the unit holder and tighten with the mushroom plastic head mounted on the unit. Lock the mandrel from the 'turning handle side with an Allen Key (not supplied).

This unit has a sliding left and right fitting for mandrels to fit perfectly. Put the wire into the mandrel "leading hole" and hold wire with your free hand, turn the handle round and the coil starts to form on the mandrel

- Accessory Mandrels Ref: M8349 and M8348 fit this tool
- Made from carbon steel, they are strong, durable and heavy duty
- Each mandrel is 200mm long, depending on the size of the wire you can make up to 25 jump rings (Based on 1mm gold wire)
- Each mandrel has a pilot hole for your wire
- O.M.O Italy

Size and weight: Jump Ring Manufacturing Tool

- Italian 400mm x 180mm x 130mm (F8350) – 4KG
- Round Mandrel Set for Jump Ring Manufacturing Tool length 200mm (M8348) - 4.5KG
- Oval Mandrel Set for Jump Ring Manufacturing Tool length 200mm (M8349) – 1.5KG

See website for full specifications

Code	Description	UOM	Price
F8350	Jump Ring Manufacturing Tool, Italian	EACH	£144.95
M8348	Round (Ø4mm to 25mm) Mandrel Set	PACK*21	£149.95
M8349	Oval (6x4mm to 20x15mm) Mandrel Set	PACK*9	£186.50



**SAME DAY DISPATCH**



**TRADE SUPPLIER**