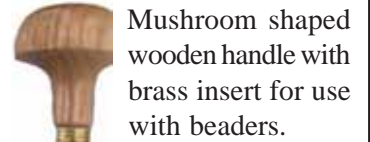


Graver Handles

Made of high grade seasoned wood with metal collar to add strength and long life.

Ball Ref: 31-110-000	Vallorbe Ball Ref: 31-115-000	Vallorbe Mushroom Ref: 31-135-000	Mushroom Ref: 31-140-000
			
Oval Ref: 31-120-000	Onion Ref: 31-130-000	Vallorbe Long-Mushroom Ref: 31-150-000	Pear Ref: 31-165-000
			

Beader Handle

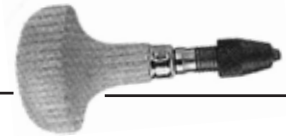


Ref: 31-166-000

Universal Handle

Ref: 31-310-000

Supplied complete with 2 collets to take a range or tool sizes from 0-3mm. Ideal for Millgrain Wheels, Beaders etc.



GRS Graver Handle Set

Ref: 31-400-000

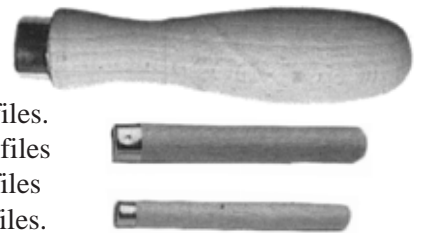


The set consists of a non-slip rubberised graver handle, which probably has the "best weight and feel" of any graver handle you have tried, and three tool holders for quick change snap-fit into the handle. You can put gravers, millgrain wheels and beaders into the tool holders.

Wood Handles- for Hand and Needle Files

The wooden file handles all have metal collars to add strength and life.

Reference	Description
31-198-000	Wood. 75mm long x 20mm diameter, shaped, for needle files.
31-199-000	Wood. 100mm long x 25mm diameter, shaped, for 6" hand files
31-220-000	Wood. 115mm long x 18mm diameter, straight, for needle files
31-250-000	Wood. 105mm long x 14mm diameter straight, for needle files.



Colibri Needle File Handle Ref: 31-271-007



The Colibri needle file handle is designed to fit all Vallorbe 160mm and 180mm needle files as well as all 140mm Vallorbe Escapement files.



File not included

Condor Escapement Needle File Handle Ref: 31-272-000



Swiss made

This file handle is made for Escapement Needle Files with a slim square handle section and has a spring loaded collet to firmly hold your file. Quick release button for easy change-over of files.



File not included

Vallorbe File Handles Blue plastic screw-on file handles for 150mm, 200mm & 250mm hand files. Hardened threaded insert to hold file tang. Handles can be unscrewed when the file is worn and re-used on a new file.

Handle #3 Ref: 31-271-003 suits 150mm (6") Round, ThreeSquare and Slim Half-round.

Handle #4 Ref: 31-271-000 suits 150mm Hand(Flat), Half-round, Barrette, Crossing, Chequering

Handle #5 Ref: 31-271-005 suits 200mm (8") Files

Handle #6 suits 250mm (10") Files

Also available:

Handle #1 Ref: 31-271-001

Handle #2 Ref: 31-271-002



Swiss made



File not included

Scrapers For opening bezels, cleaning, smoothing and deburring metals and plastics.

Vallorbe Scraper Ref: 10-810-000



High Quality

chrome alloy steel blade 70mm x 6mm. Requires a wood handle - see *Handtools p80*

Double end Scraper Ref: 10-830-000



Quality chrome steel alloy blade inside an adjustable hand-piece. Blade: 80 x 5mm. Weight: 25g.

Lanotec Lanolin Liquid Ref: 13-990-000



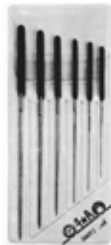
Protect your valuable hand tools with this all Australian natural lubricant. Unlike some other lubricants, this one does not dry-out and does not leave a sticky residue .

Features · Biodegradable · Non-toxic · Non-evaporative · Resistant to mineral acids · Environmentally friendly · User friendly · Long lasting protection · Safe to use on electrical equipment · Effective in highly corrosive environments

Reamers (Broaches)

Used for enlarging (opening) holes.

Ref:	Description
23-521-000	Six piece set, 0.40 to 1.40mm
23-525-000	Six piece set, 1.20 to 3.00mm
23-526-000	Six piece set, 2.20 to 6.00mm
23-540-000	12 piece set, 0.05 to 0.50mm



Tweezers

Style #1 120mm Ref: 28-010-000

Stainless



Style #3 120mm Ref: 28-030-000

Stainless



Style #4 110mm Ref: 28-040-000

Stainless



Style #5 110mm Ref: 28-050-000

Stainless



Style #7a 120mm Ref: 28-070-000

Stainless



Style GG 130mm Ref: 28-115-000

Nickel



More tweezers are available see *Tweezers page 128*

Spring Dividers

For measuring distances between points, scribing circles, marking out setting points around bands, etc. Spring tensioned with fine thread screw adjustment

Economy - Light duty

Ref: 36-410-000 75mm

German - Heavy square

leg construction eliminates twisting

Ref: 36-415-000 75mm

Starrett - Precision made with smooth tapered round legs large enough to prevent side deflection. Hardened fulcrum. Strong flexible bow spring and centrally positioned adjustment to ensure smooth action.

Ref: 36-420-000 76mm



Scribers Length: 105mm. Ref: 10-890-000

With 2 Hardened and ground points. Weight: 10g

Pen Style Scriber Ref: 10-892-000

117mm long with plastic tip cover. Weight 15g



Automatic Centre Punch

Ref: 11-280-000



- Fully automatic single hand operation.
- Adjustable from very light to extra heavy duty.
- Tips made of hardened steel.

Basic Centre Punch

Standard 2.5mm Centre Punch Ref: 11-205-000

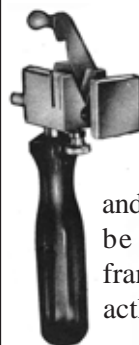


Chenier Cutting Tools

Hand Held

Ref: 30-150-000

This universal tool will hold round, square and shaped wires to be cut with saw frame. It can also be used to cut many pieces exactly the same length.



Vice Held Ref: 30-155-000

Precision machined to cut Chenier at exactly 90 and 45 degree angles. Bottom section is recessed to sit onto the vice jaws for easy attachment.



Riveting Hammers

High quality Italian hammers with one flat end and one chiseled end for forming and riveting. (cross pein) mounted on wood handle.

Reference	Length of Head
17-130-000	50 mm
17-135-000	60 mm
17-140-000	70 mm
17-145-000	80 mm
17-320-000	90 x 12 mm



Ball pein Hammers



Reference	Head Weight
17-175-000	60 g Economy
17-181-000	100g Economy
17-185-000	200g

Chasing Hammer Ref: 17-260-000

Head diameter 30mm - The machined flat face is used to flatten, shape, form objects & strike chasing tools.



Planishing Hammers

Used to smooth or finish surfaces of pieces that have been raised, and to make faceted or glittering effects on bowls etc. Has highly polished head. One end flat, one end slightly domed.

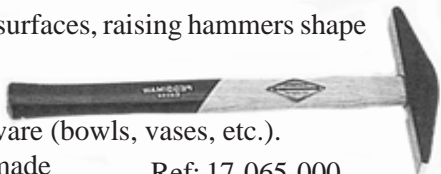
Ref: 17-085-000	170g
Ref: 17-080-000	215g
Ref: 17-090-000	300g

*Our most popular silversmith's hammer.



Raising Hammers

Used on outside surfaces, raising hammers shape the metal into basic form usually for hollow ware (bowls, vases, etc.). 300g. German made



Ref: 17-065-000

Simpson Hammers

For the Jeweller that truly appreciates quality in tools, R.Simpson Australia produce some of the world's finest.



Ref: 17-020-100

Ref: 17-020-000

Rawhide Mallets

For forming metal where it is important that surface detail of the metal is left unmarked. Made from the finest quality rawhide embedded in shellac.

Reference	No.	Discription
17-705-000	#0	Head diameter 28mm
17-710-000	#1	Head diameter 32mm
17-715-000	#2	Head diameter 38mm
17-720-000	#3	Head diameter 45mm



Plastic Mallet - Pastorino

Used where metal must not be marked.

Ref: 17-360-000 Head diameter: 27mm
Replacement heads available Ref: 17-360-001



Wood Mallet

Ref: 17-600-000

Barrel shape with 60mm diam head Weight 280g



Taps & Dies

Taps

Ref	Size mm
22-096-000	0.80
22-097-000	0.90
22-098-000	1.00
22-099-000	1.20
22-099-500	1.30
22-100-000	1.40
22-101-000	1.50
22-102-000	1.60
22-103-000	1.70



Dies

Ref	Size mm
22-090-000	0.80
22-094-000	0.90
22-095-000	1.00
22-092-000	1.20
22-093-000	1.30
22-089-000	1.40
22-088-000	1.50
22-087-000	1.60

Round Die Holder

Fits all 8mm round dies.

Ref: 22-080-000



Screwplate Set

24 hole plate, 0.7 - 2.0mm and 12 taps.

Tap Set Ref: 22-023-000

Ref: 22-022-000



Colibri Screwplate Set Ref: 22-020-000

Coarse thread set with 8 hole sizes and matching taps Sizes 0.6, 0.8, 1.0, 1.2, 1.4, 1.6, 1.8 and 2.0mm





Steel Hand Vice Ref: 29-120-000

Has spring action in handle to keep jaws open. Serrated jaws are 31mm wide & open to 11mm. Overall size: 110mm

Vise Nose Pin Vice

Ref: 29-206-000

Jaws 16 wide x 6mm opening.



Length
115mm

Swivel Head Pin Vice

Ref: 29-205-000



Overall length:
94mm

6mm jaw holds a reversible collet
2 collets supplied to clamp wire / pins from 0 to 3mm

Double Ended Pin Vice Ref: 29-220-000

Reversible collets at each end. Collet range 0 to 3mm. Hexagonal heads prevent rolling on bench. Weight: 30g



Ref: 29-221-000 Swiss top quality, double end.
Two reversible collets, 0 - 3.30mm

Lowell Type Hand Vice Ref: 29-150-000



Has serrated jaws 12mm wide which open to 8mm. Jaws are opened & closed by turning the hollow metal handle. Weight: 120g.

Bench Vice

40mm Jaws Ref: 29-110-000



Economical sturdy vice with twin guides to assist parallel closing & rigidity. Jaws are smooth to reduce marking metal. Weight: 0.9Kg

75mm Jaws Ref: 29-115-000



Economical sturdy bench vice.

- Twin steel guide bars to assist parallel closing & rigidity.
- 75mm wide jaws with maximum opening of 63mm
- Smooth jaws to reduce marking of the metal
- Built-in Anvil • Weight 1.6kg

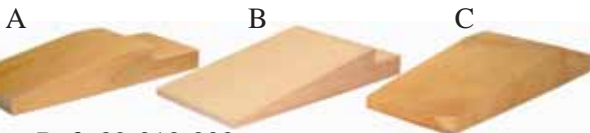
Ball Joint Swivel Vice

Ref: 29-124-000



Portable bench top vice with a non-marring vacuum base attaches to any smooth surface. Lever clamps & releases vice. V-grooved 75mm wide jaws open to 65mm. Universal ball & socket joint rotates 360° horizontally, 90° vertically. 155mm triangular base. Removable rubber jaws to help prevent marring the metal. Weight: 2.7Kg

Wood Bench Pegs

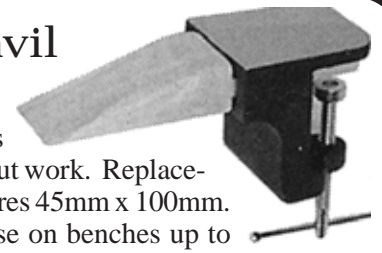


- A Ref: 32-010-000
55mm x 132mm x 22mm thick
- B Ref: 32-011-000
70mm x 140mm x 22mm thick
- C Ref: 32-020-000
60mm x 157mm x 24mm thick

Bench Peg & Anvil

Ref: 32-105-000

Anvil for supporting pieces being flattened and laying out work. Replaceable wood bench peg measures 45mm x 100mm. Adjustable clamp allows use on benches up to 50mm thick. **Replacement Wood Peg** - Ref: 32-105-001



Rubber Filing Block & Holder Ref: 32-030-000

The tapered rubber block provides a non slip surface and is reversible. Screw-down bench mount.

Replacement Rubber Block Ref: 32-030-001



BenchMate's Bench Peg Kit

Ref: 29-490-003



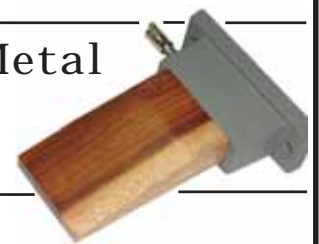
Wood bench peg with coated steel holder designed to fit onto the BenchMate's dovetail mounting plate.

(see BenchMate page 103)

Wood Peg only Ref: 29-490-006

Bench Peg with Metal Holder

Ref: 32-110-000



Sawing Peg & Clamp



Ref: 32-100-000

Used as support for filing, sawing and drilling. Clamp fits any work surface up to 50mm thick. Board measures 185 x 60mm
Weight: 180g

Jeweller's Deluxe Benches

These well priced, professional work benches have been sourced from Italy to provide stylish pieces of furniture that contain the features required by todays jeweller.

All Wood Top Bench Ref: 32-308-100

Features include:

- All wood bench-top
- 3 side storage drawers
- Slide-out soldering shelf
- Large wooden bench peg
- Centre tool/storage drawer
- Slide-out tool storage shelf
- Slide-out, shaped shelf, to catch lemel (or "runaway" gems)
- shelf is also metal lined for easy clean-up.

Bench top: 1200mm x 600mm x 940mm high

These solid, sturdy benches come fully assembled.
No bolts to tighten!

Laminate Top Ref: 32-308-000

Provides the same features of the All Wood Top Bench but with an easy clean Laminate top.

Bench top: 1200mm x 600mm x 940mm high



Not only do these benches provide a pleasant and functional workplace they also portay an image of suces and professionalism!

Beechwood Jeweller's Chair

With built-in features for comfort and support to promote productivity.

Features include:

- Gas Lift Ref: 32-308-500
 - Swivel seat
 - Adjustable Seat Height
 - Adjustable Back-rest Height
 - Adjustable Back-rest Angle
- Supplied with feet and casters that allows you to decide if the chair will be mobile or steady.



After years of use (and a few small accidents) It could be a little easier to replace a laminate top than to resurface an all wood top bench.

Standard Work Bench Ref: 32-306-000

The **Standard Workbench** is a very solid all timber bench that is supplied in kit form ready to assemble with just a few basic tools. It's sturdy construction will provide many years of service.

Features include:

- Wood bench peg
- 3 side storage drawers
- Slide-out, twin-level, tool shelf
- Left and right side slide-out arm rests
- Slide-out dust / lemel collection drawer
- Left and right side pre-drilled mandrel holes
- Left side, right side and rear skirt
- Overall Size: 98cm x 49cm x 98cm high
- Work Surface: 94cm x 47cm x 95 high
- Shipping Weight: 52Kg.



Hand Brushes

Black Bristle Brush - 4 Row

Ref: 05-510-000

4 rows stiff black bristles set into wood handle
Brush length 120mm, overall length 260mm.



Horse Hair Washout Brush

Ref: 05-545-000

Horsehair bristles set into a plexiglass handle
Brush length 80mm, overall length 190mm.



Black Bristle Washout Brush

Ref: 05-548-000

Black bristles set into a bone handle
Brush length 75mm, overall length 180mm.



String Wound Fibreglass Brush

Ref: 05-600-000

Fine glass bristles are bound in cord. Unwind the cord as bristles wear. Brush diameter 14mm overall length 150mm. Fibreglass brush is used for removing rust, dirt and flux residue from hard metal surfaces.



Brass Scratch Brush

Ref: 05-550-000



Brass brush for cleaning work before soldering. Adjustable bristle length from 1mm to 40mm

Soft Goats Hair Brush - 5 Row

Ref: 05-520-000

5 rows soft white goat's hair set into wood handle
Brush length 120mm, overall length 260mm.



Brass Scratch Brush - 4 Row

Ref: 05-530-000

4 rows of brass wires set into wood handle
Brush length 100mm, overall length 220mm.



Propelling Brush - Fibreglass

Ref: 05-592-000

Fibreglass bristle brush housed in a hard plastic handle. Adjust the bristle length by twisting the handle end. Bristle diameter is approximately 4mm and can be extended to 25mm length (when new) Overall size 10mm diameter x 118mm long. Used for removing corrosion from watch battery contacts, this brush is also good for removing dirt, flux residue or oxidation from hard metals.



Fibreglass Propelling Brush - Economy Ref: 05-590-000

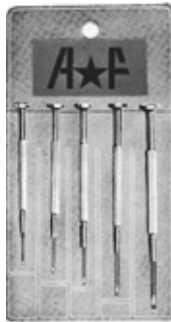
Fibreglass Bristle Refills Ref: 05-591-000 fits both models

Phillips Type Screwdrivers

Ref: 23-650-000



Set of 4 Phillips type Jewellers Screwdrivers with swivel head. Supplied in a plastic wallet. The blades are fixed and measure 1.5mm, 2.0mm, 2.5mm and 3.0mm.



Screwdrivers AF - Swiss

Ref: 23-613-000

Set of 5 straight blade screwdrivers from 0.5 to 1.2mm in plastic wallet. Includes one set of spare blades. Individual Replacement Blades are available for this set please refer to page 130 for sizes.



Screwdrivers

AF Swiss Brand Ref: 23-614-000**Bergeon Brand** Ref: 23-615-000

9 Flat blade screwdrivers from 0.5 to 2.5mm in a wood box. Supplied complete with 9 packs of replacement blades.

Individual Screwdrivers and Replacement blades are also available for these sets.

(See Watchmakers Tools page 130)



Rotating Stand/Screwdriver Set

Available in: - **Anti-Magnetic** Ref: 23-611-000**Standard** Ref: 23-612-000

9 Straight Blade Screwdrivers with swivel heads 0.5mm, 0.6mm, 0.8mm, 1.0mm, 1.2mm, 1.4mm, 1.6mm, 2.0mm, 2.5mm. Colour coded to simplify matching replacement blades. Supplied in a rotating stand that also accommodates one of each size replacement blade in a colour coded, covered holder.

Replacement Blades & Screwdrivers are available in individual sizes for both Standard and Anti-Magnetic sets.

(See Watchmakers Tools page 130 for details.)