

# AUSTRALIAN JEWELLERS SUPPLIES

...more than just better tools, it's about the people,  
it's about peace of mind

Brisbane (07) 3229 4955

Sydney (02) 9231 3666

Melbourne (03) 9650 3025

Adelaide (08) 8223 1351

Perth (08) 9225 5835

PRESSURE TESTERS

MOVEMENT HOLDERS

BATTERIES

BAND PUNCHES

HAND REMOVERS

DEMAGNETISER

CASE BACK OPENERS

GLASS FITTING PRESS

WATCH BANDS

SCREW DRIVERS

RODICO

BATTERY ANALYSER

OILERS

BROACHERS

BAND CUTTERS

BENCH MATS

SPRING BAR TOOLS

BRACELET PLIERS

BAND FILING BLOCK

CLEANING MACHINES

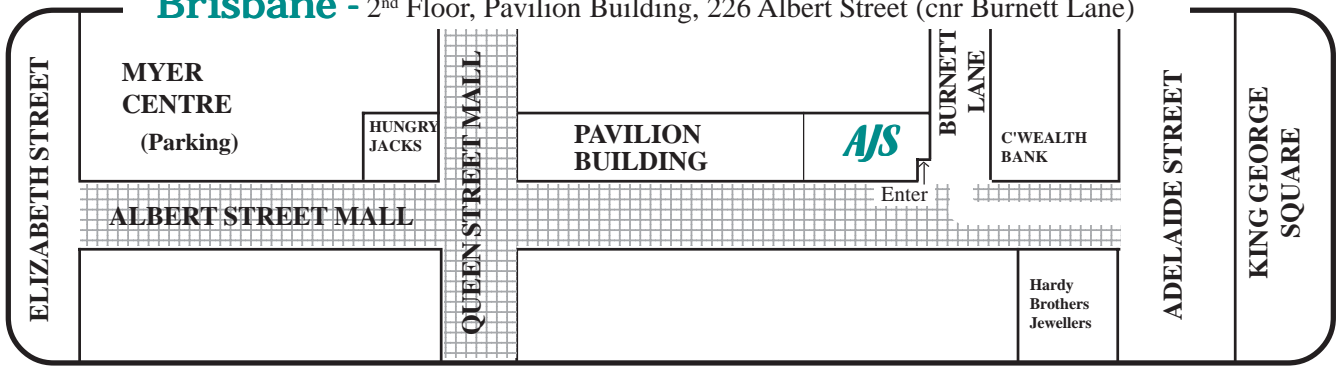
# AJS

Australia's Premier Suppliers of  
Watchmakers and Jewellers Tools

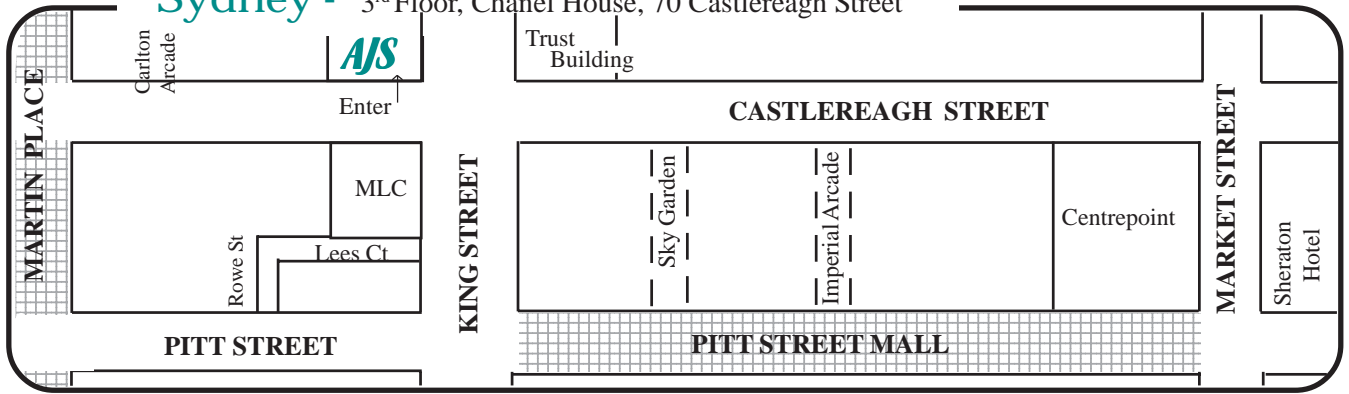
Catalogue 2008

Ask about our speedy same day service!

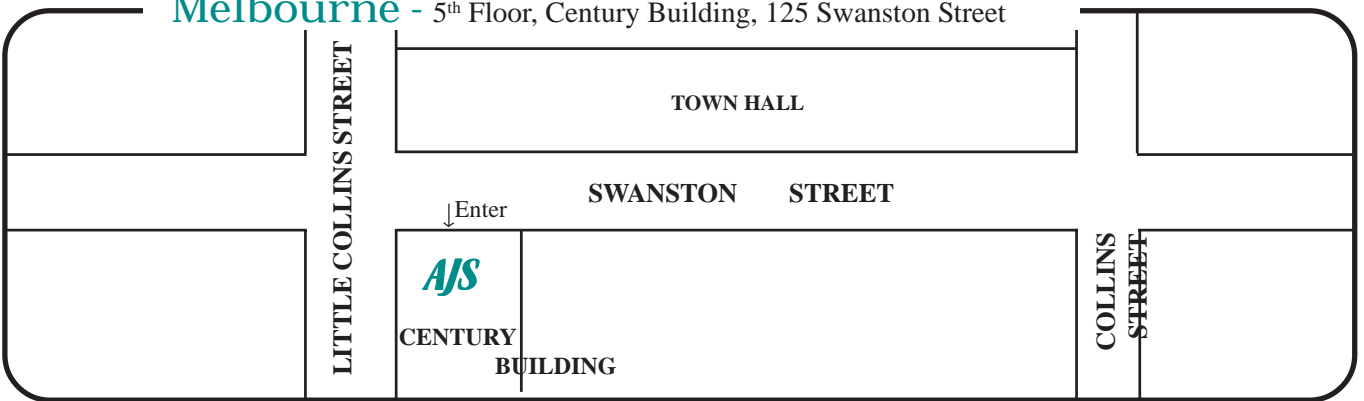
**Brisbane** - 2<sup>nd</sup> Floor, Pavilion Building, 226 Albert Street (cnr Burnett Lane)



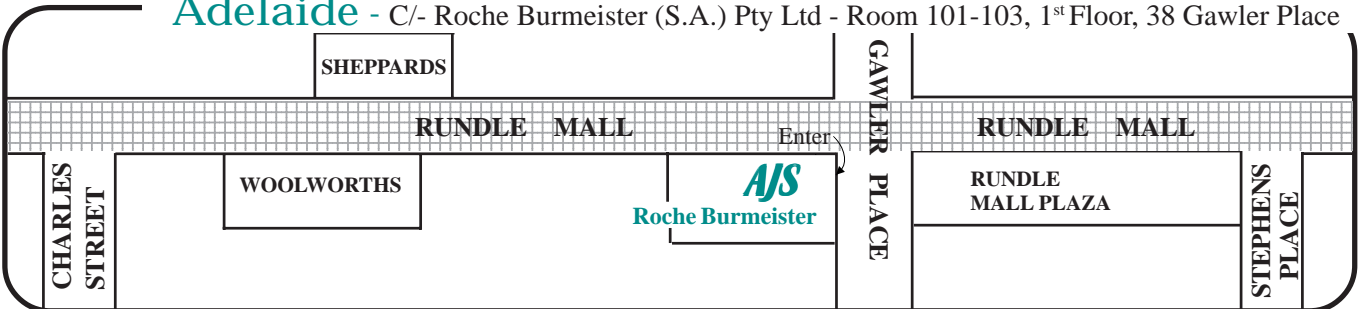
**Sydney** - 3<sup>rd</sup> Floor, Chanel House, 70 Castlereagh Street



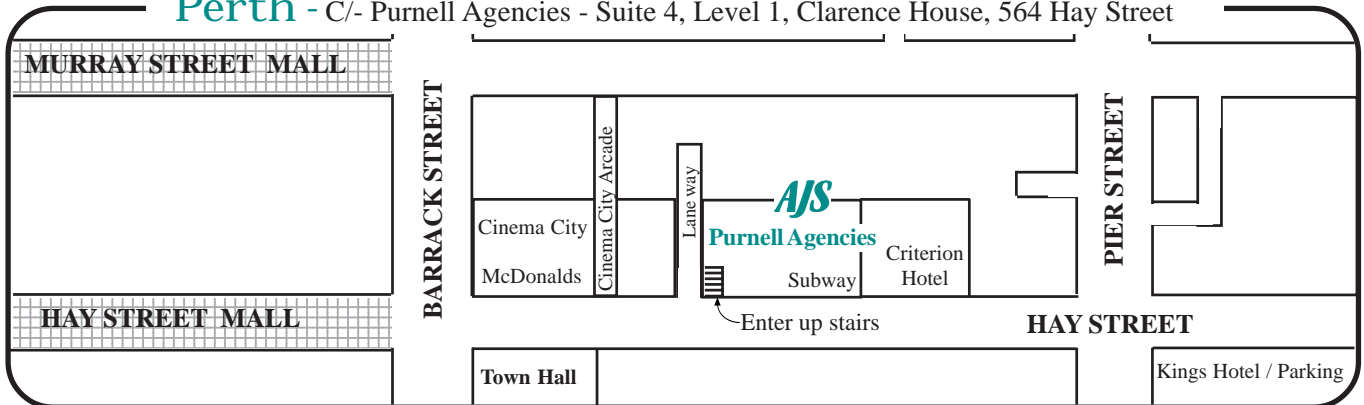
**Melbourne** - 5<sup>th</sup> Floor, Century Building, 125 Swanston Street



**Adelaide** - C/- Roche Burmeister (S.A.) Pty Ltd - Room 101-103, 1<sup>st</sup> Floor, 38 Gawler Place



**Perth** - C/- Purnell Agencies - Suite 4, Level 1, Clarence House, 564 Hay Street



## Battery Testers

### Elite Battery Tester Ref: 38-908-000

A universal instrument designed for checking all types of batteries used in watches, calculators, cameras or electronic games etc. A metal probe permits testing of individually packaged batteries. Tests High Drain and Low Drain 1.5 volt Batteries as well as 3 volt Lithium Batteries. **Important feature:** Pressing the red button on the top, simulates the average resistance undergone by the battery in quartz analogue watches when the motor effects a step.



### Watch and Battery Tester Ref: 38-908-500

The Watch and Battery Tester allows you to test analogue quartz watches before you open the watch case to help determine if a repair instead of a battery change may be necessary. The battery test station operates independantly of the watch test allowing both tests to be carried out simultaneously. Tests both 1.5volt Silver Oxide and 3volt lithium Batteries. The watch test station uses a CR2430 lithium battery (CR2430 included)



## Batteries

We stock a comprehensive range of popular size watch batteries, including silver oxide, lithium, alkaline and super heavy duty at very competitive prices. Trade orders only please! Minimum order 20 batteries - 5 batteries per card unless otherwise marked.

Volume discount applies for 100 assorted batteries and for full boxes of 200 batteries

### 1.5 volt Silver Oxide Batteries

Name	Reference	Type	Name	Reference	Type
SR41SW	38-910-384	High Drain	SR41W	38-910-392	High Drain
SR43SW	38-910-301	Low Drain	SR44SW	38-910-303	High Drain
SR44W	38-910-357	High Drain	341	38-910-341	Low Drain
SR416SW	38-910-416	Low Drain	SR512SW	38-910-335	Low Drain
SR516SW	38-910-317	Low Drain	SR521SW	38-910-379	Low Drain
SR527SW	38-910-319	Low Drain	SR616SW	38-910-321	Low Drain
SR621SW	38-910-364	Low Drain	SR626SW	38-910-377	Low Drain
SR626W	38-910-376	High Drain	SR712SW	38-910-346	Low Drain
SR716SW	38-910-315	Low Drain	SR721SW	38-910-362	Low Drain
SR721W	38-910-361	High Drain	SR726SW	38-910-397	High Drain
SR726W	38-910-396	High Drain	SR731SW	38-910-329	Low Drain
SR754W	38-910-393	High Drain	SR916SW	38-910-373	Low Drain
SR920SW	38-910-371	Low Drain	SR920W	38-910-370	High Drain
SR927SW	38-910-395	Low Drain	SR927W	38-910-399	High Drain
SR936SW	38-910-394	Low Drain	SR1116W	38-910-365	High Drain
SR1120SW	38-910-381	Low Drain	SR1120W	38-910-391	High Drain
SR1130SW	38-910-390	Low Drain	SR1130W	38-910-389	High Drain
SR1136SW	38-910-344	Low Drain			



### 3 volt Lithium Batteries

Name	Reference	Name	Reference	Name	Reference
CR1025	38-910-500	CR1216	38-910-502	CR1220	38-910-504
CR1616	38-910-508	CR1620	38-910-510	CR2016	38-910-514
CR2025	38-910-518	CR2032	38-910-520	CR2320	38-910-522
CR2325	38-910-524	CR2430	38-910-526		



### Alkaline Batteries

1.5 volt	
LR43	38-910-430
LR44	38-910-440 (10 per card)
12 volt	
GP23A	38-910-555

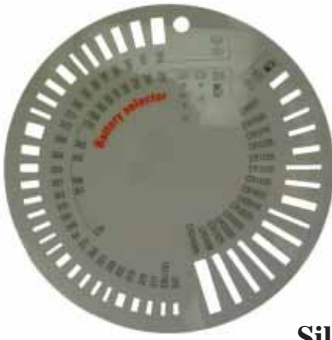


### 1.5 volt Super Heavy Duty

AA	38-910-565	1.5volt (4 per pack - 40 per box)
----	------------	-----------------------------------



## Battery Sizes



### Battery Size Selector

Ref: 38-910-000

If the battery number is illegible, or an unknown fit the battery into the appropriate slot to determine the correct replacement battery number.

Both high drain and low drain options are provided.

### Battery Dimensions Chart

#### Silver Oxide Batteries 1.5volt

○ 4.8mm	▮ 1.65mm #337							
○ 5.8mm	▮ 1.25mm #335	▮ 1.65mm #317	▮ 2.15mm #379	▮ 2.7mm #319				
○ 6.8mm	▮ 1.05mm #333	▮ 1.45mm #339	▮ 1.65mm #321	▮ 2.15mm #364	▮ 2.60mm #377 *376			
○ 7.9mm	▮ 1.30mm #346	▮ 1.45mm #341	▮ 1.65mm #315 *314	▮ 2.10mm #362 *361	▮ 2.60mm #397 *396	▮ 3.10mm #329	▮ 3.60mm #384 *392	▮ 5.35mm #309 *393
○ 9.5mm	▮ 1.05mm #311	▮	▮ 2.10mm #371 *370	▮ 2.70mm #395 *399	▮ 3.60mm #394			
○ 11.6mm	▮ 1.65mm #366 *365	▮ 2.05mm #381 *391	▮ 3.00mm #390 *389	▮ 3.60mm #344 *350	▮ 4.20mm #301 *386	▮ 5.35mm *357	▮ 5.60mm #303	

#### Alkaline Batteries 1.5volt

○ 11.6mm	▮ 4.2mm LR43 73mAh	▮ 5.4mm LR44 105mAh
-------------	--------------------------	---------------------------

Batteries prefixed # are low drain for basic analogue or digital watches without alarm or light.

Batteries prefixed \* are high drain for analogue or digital watches with alarm and/or light as well as for some calculators.

### Battery Number Cross Reference Chart

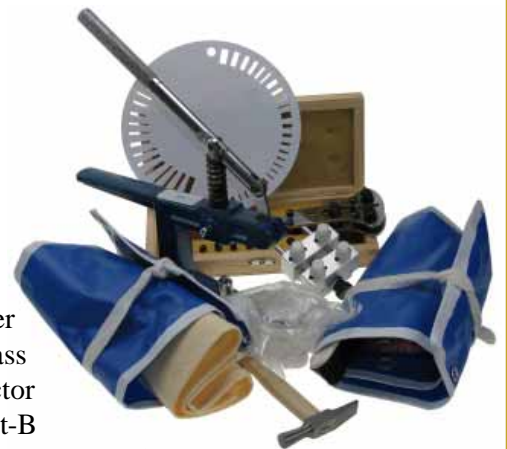
301 SR43SW	335 SR512SW	364 SR621SW	379 SR521SW	392 SR41W	416 SR416SW	510 CR1620
303 SR44SW	341 N/A	365 SR1116W	381 SR1120SW	393 SR754W	430 LR43	514 CR2016
315 SR716SW	344 SR1136SW	370 SR920W	384 SR41SW	394 SR936SW	440 LR44	518 CR2025
317 SR516SW	346 SR712SW	371 SR920SW	386 SR43W	395 SR927SW	500 CR1025	520 CR2032
319 SR527SW	357 SR44W	373 SR916SW	389 SR1130W	396 SR726W	502 CR1216	522 CR2320
321 SR616SW	361 SR721W	376 SR626W	390 SR1130SW	397 SR726SW	504 CR1220	524 CR2325
329 SR731SW	362 SR721SW	377 SR626SW	391 SR1120W	399 SR927W	508 CR1616	526 CR2430

### Battery Fitting Starter Kit

#### Watch Battery & Band Tools Starter Kit

Ref: 38-899-700 Consists of one each of the following...

38-909-000	Watchcase Opener - Knife	38-810-000	Rodico
05-590-000	Propelling Brush, fibreglass	38-812-100	Dust blower
38-212-020	Single lens eyeglass - plastic	38-908-000	Battery Tester
05-548-000	Case-back Brush, black bristle	38-906-500	Spring Bar Tool
38-818-000	Band holder for removing links	38-817-100	Silicon O-ring greaser
38-801-000	Leather band hole-punch pliers	28-510-000	Tweezers Plastic-glass
27-020-005	Flat-nose Pliers Stainless Steel	38-910-000	Watch Battery Selector
27-355-000	Snipe-nose Pliers Stainless Steel	06-730-000	Polishing cloth Selvyt-B
38-826-000	Bracelet Pliers Standard	17-135-000	Riveting hammer 60mm cross pein
38-907-100	3 jaw Watch-case Opener	38-802-000	Adjustable, Aluminium Watch-case Clamp
38-805-000	Case-back and glass press	23-606-000	Screwdriver set of 3 with reversible blades
38-819-000	Watch-band Punch set of 3	28-100-000	Tweezers Stainless Steel #AA - anti-magnetic
38-899-611	Tool-roll for Watch Band Tools	38-899-611	Watch Battery Tool-roll (holds smaller tools only)



## Watch Case Holders

### Aluminium Case Holder

Ref: 38-802-000  
 Has 4 strong plastic pins and is adjustable to hold all sizes of cases. Can be held in a vice for hard to open watch cases. Ideal companion for your case opener. Weight: 140g  
 Spare Pin Ref: 38-802-001



### Clamp-on Case Holder

Ref: 38-802-100  
 Suits most size watch cases. Mounts to your bench to leave both hands free for removing screw backs on watches.



## Watch Case Openers

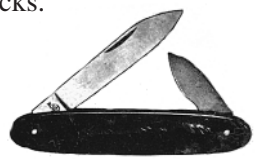
### Fixed Blade Case Opener

Ref: 38-909-300  
 Strong, easy-grip metal handle with specially shaped blade to open 'snap on' case backs.



### Folding Knife Case Opener

Ref: 38-909-000 Pocket knife style case opener. One sharpened blade for cutting and one specially shaped blade for opening 'snap on' case backs.



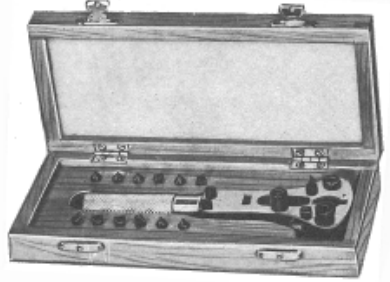
### Lift Blade Case Opener

Ref: 38-909-100  
 Heavy duty opener with thin edge to get into tight fitting case backs. Lever upwards to open. **Do not twist!**



### Economy Waterproof Case Opener

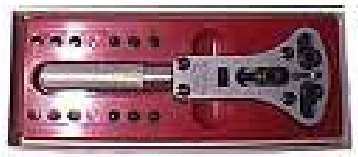
Ref: 38-907-100  
 Fully adjustable 3 jaw opener will fit most screw type case backs. Supplied in a wooden box. with 4 different pin sets. Weight: 400g.



Replacement Pin Sets (not illustrated) Ref: 38-907-101

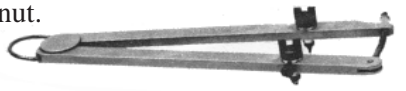
### Jaxa Waterproof Case Opener Ref: 38-907-300

Original Swiss 3jaw case opener for professional watchmakers. Supplied complete with 4 sets of prongs



### Reversible Case Opener Ref: 38-907-000

With 2 reversible pins for various case backs. Instant adjustment. Supplied with locking nut.  
 Replacement Pin for Reversible Case Opener Ref: 38-907-001



### Rolex type Case Opener

Special Order

Ref: 38-907-200  
 Key for opening Oyster cases manufactured by Rolex. Supplied with six quick fit snap on milled chucks. 18.5, 20.2, 22.5, 26.5, 28.3 & 29.5mm



## Dust Blowers

Use to remove dust from around a watch case before opening the back and from replacement parts before replacing them. Do not use inside opened watches.

### Bergeon

High quality from Bergeon Switzerland Ref: 38-812-000

### Economy

Ref: 38-812-100



## Screwdrivers - Flat Blade



### A☆F Flat Blade Screwdriver Set of 9

Ref: 23-614-000

This wood boxed set contains one each 0.5mm, 0.6mm, 0.8mm, 1.0mm, 1.2mm, 1.4mm, 1.6mm, 2.0mm and 2.5mm flat blade screwdrivers. All are colour coded and complete with a matching colour coded tube of replacement blades. These precision screwdrivers also feature a swivel head and knurled shaft section to allow for single hand operation.

### Bergeon - Flat Blade Screwdriver Set of 9

Ref: 23-615-000 Image and features are the same as AF Brand above.

### Bergeon Screwdriver Set on Rotating Stand

9 Straight Blade Bergeon Screwdrivers 0.5mm, 0.6mm, 0.8mm, 1.0mm, 1.2mm, 1.4mm, 1.6mm, 2.0mm and 2.5mm, that feature a swivel head and knurled shaft section for single hand use. The blades are held in place by a Blade Screw to facilitate easy removal. Each Screwdriver is colour coded to simplify matching the replacement blades. Supplied in a rotating stand that also accommodates one of each size replacement blade in a colour coded holder.

Set with Anti-magnetic Blades Ref: 23-611-000

Set with Standard Blades Ref: 23-612-000



### Replacement Grub Screws

Ref: 23-609-000 Pack of 10 screws.

To hold screwdriver blades in position.

Suits A☆F and Bergeon Screwdrivers.

### Replacement Screwdriver Blades

Suits A☆F and Bergeon Screwdrivers.

Packs of 10

0.5mm Ref: 23-613-005

0.6mm Ref: 23-613-006

0.8mm Ref: 23-613-008

1.0mm Ref: 23-613-010

1.2mm Ref: 23-613-012

1.4mm Ref: 23-613-014

1.6mm Ref: 23-613-016

2.0mm Ref: 23-613-020

2.5mm Ref: 23-613-025

3.0mm Ref: 23-613-030



### A☆F Flat Blade Screwdriver Set

Ref: 23-613-000

Set of 5 straight blade screwdrivers in a plastic wallet.

Sizes: 0.6mm 0.8mm 1.0mm 1.2mm 1.4mm

Kit includes one set of spare blades.



### Individual Flat Blade Screwdrivers

These precision screwdrivers have a swivel head and knurled shaft section to allow for single hand operation and are supplied complete with a matching colour coded tube of replacement blades.

0.5mm Ref: 23-612-050 0.6mm Ref: 23-612-060

0.8mm Ref: 23-612-080 1.0mm Ref: 23-612-100

1.2mm Ref: 23-612-120 1.4mm Ref: 23-612-140

1.6mm Ref: 23-612-160 2.0mm Ref: 23-612-200

2.5mm Ref: 23-612-250 3.0mm Ref: 23-612-300



### Anti-magnetic Screwdriver Blades

Suits A☆F and Bergeon Screwdrivers.

0.5mm Ref: 23-611-005

0.6mm Ref: 23-611-006

0.8mm Ref: 23-611-008

1.0mm Ref: 23-611-010

1.2mm Ref: 23-611-012

1.4mm Ref: 23-611-014

1.6mm Ref: 23-611-016

2.0mm Ref: 23-611-020

2.5mm Ref: 23-611-025

3.0mm Ref: 23-611-030



### Reversible Screwdrivers

Ref: 23-606-000

Set of 3 Swiss flat blade screwdrivers with reversible blades in plastic box. Sizes 0.80, 1.00 & 1.20mm



## Sharpening Screwdrivers

### Flat Blade Sharpener

Ref: 30-360-000

Spring loaded system makes clamping screwdrivers and adjusting the sharpening angle quick and easy.



### India Oilstone Ref: 01-216-000

Tough aluminium oxide abrasive combination fine/coarse used for sharpening metals. Please note a lubricant such as a light oil must be used with this stone.



## Screwdrivers - X Blade

### Set of 4 X Blade Screwdrivers

Ref: 23-650-000

High quality set of 4 X Blade 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.  
Screwdriver overall length 105mm.



### Individual X Blade Screwdrivers

High quality X Blade jewellers screwdrivers with swivel head are now available individually

Fixed blades in sizes      1.5mm Ref: 23-650-150      2.0mm Ref: 23-650-200  
   2.5mm Ref: 23-650-250      3.0mm Ref: 23-650-300

Screwdriver overall length 105mm.

### Economy Set of 5 X Blade Screwdrivers

Ref: 23-652-000

5 economy screwdrivers 81mm long with swivel head.

X type blades range from 2.0mm to 3.0mm



## Vissin Screw Remover

### Vissin Ref: 38-859-000

For extracting broken screws. Place the item with the broken screw in a heat proof container and cover with Vissin fluid. Boil slowly until a black substance exudes from the screw hole. Rinse in water and clean with benzine.



## Demagnetisers

### Elite Demagnetiser

Ref: 38-809-000

Protect delicate instruments with this mains powered, one button operation Demagnetiser. Before using tweezers, screwdrivers, etc, just power on, hold the button in and pass the tool over the flat pad above the button.



## Tweezers



### Style #D – Cutting Tweezers

High quality Swiss made stainless steel tweezers Ref: 28-005-000

## Tweezers

### Style #1 120mm

General purpose stainless steel tweezers Ref: 28-010-000  
High quality Swiss made stainless steel tweezers Ref: 28-000-101



### Style #3 120mm

General purpose stainless steel tweezers Ref: 28-030-000  
High quality Swiss made stainless steel tweezers Ref: 28-000-103



### Style #4 110mm

General purpose stainless steel tweezers Ref: 28-040-000



### Style #5 110mm

General purpose stainless steel tweezers Ref: 28-050-000  
High quality Swiss made stainless steel tweezers Ref: 28-000-105



### Style #7a 120mm

General purpose stainless steel tweezers Ref: 28-070-000



### Style #AA 110mm

General purpose Brass Ref: 28-020-000



### Style #AA 130mm

General purpose stainless steel Ref: 28-100-000

### Style #GG 120mm

General purpose nickel plated Ref: 28-010-000



### Fibre Plastic 110mm

Ref: 28-510-000

Plastic tweezers suitable for picking up watch batteries

**Rodico**

**Rodico Cleaning Product**

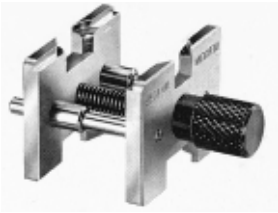
Ref: 38-810-000



For cleaning balance pivots, train wheel pivots, removing finger prints and stains from plates, bridges, dials, hands; removing excess oil from watch jewels and taking out broken pivots from the jewels.



**Movement Holders**



**Bergeon Movement Holder S-M**

Ref: 38-803-000

Reversible and adjustable to hold smaller to medium movements.

**Bergeon Movement Holder M-L**

Ref: 38-803-100

Reversible and adjustable to hold medium to large movements.

**Multi Size Movement Holder**

Ref: 38-803-200

Adjustable holder that utilizes all 4 sides to hold small to large movements



**Hand Removers**



**Bergeon Hand Remover**

Ref: 38-807-000

Hand remover for wrist watches, Nylon tips will not damage the dial. Weight: 25g Also suitable for removing cannon pinions and sweep wheels.

**Standard Hand Remover**

Ref: 38-807-100

Similar function to the Bergeon Hand Remover at a budget price



**Propelling Brush**



**Propelling Brush - Fibreglass**

Ref: 05-592-000

Adjustable fibreglass bristle brush housed in a hard plastic handle. Overall size 10mm diameter x 118mm long. Used for removing corrosion from watch battery contacts.

**Fibreglass Bristle Refills**



Ref: 05-591-000

**Roller Remover**



**Roller Remover**

Ref: 38-871-000

For removing rollers from balances

**Oilers and Oil Pots**

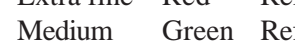
**Oilers Set of 4**

Set contains one of each oiler in Extra Fine, Fine, Medium and Large.



**Individual Oilers**

Super fine	Black	Ref: 38-850-001
Fine	Blue	Ref: 38-850-003
Large	Yellow	Ref: 38-850-005



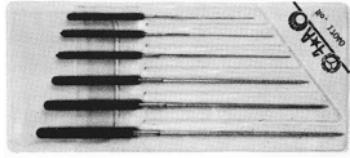
Extra fine	Red	Ref: 38-850-002
Medium	Green	Ref: 38-850-004

**Oil pots**

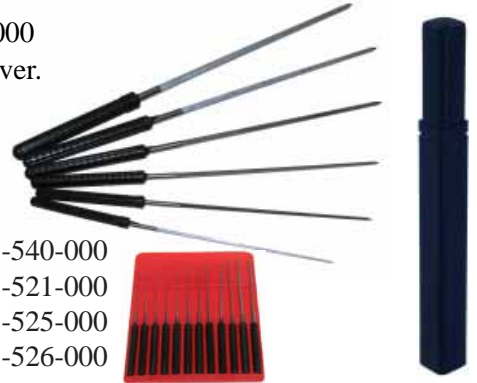
Ref: 38-860-000

Set of 4 glass pots in a stand with hinged cover.

**Reamers (Broaches)**



Set of 12	0.05mm to 0.50mm	Ref: 23-540-000
Set of 6	0.40mm to 1.40mm	Ref: 23-521-000
Set of 6	1.20mm to 3.00mm	Ref: 23-525-000
Set of 6	2.20mm to 6.00mm	Ref: 23-526-000



## Case Back & Glass Fitting Press

### Lever Press

Ref: 38-805-000

Practical and economical tool for people who have difficulty replacing snap-on backs on watches after replacing the battery. Supplied with 12 reversible nylon dies. This press can also be used when replacing crystal glasses on watches.



### Set of 12 Nylon Dies

Ref: 38-805-100

Replacement dies for the lever press.

### Screwdown Press

Ref: 38-805-700

High quality precision tool provides perfect alignment and even clamping pressure with good "feel" for fitting snap-on watch backs and crystal glasses. Supplied with eight reversible nylon dies



### Bezel Die Set

Ref: 38-805-750

Boxed set of 4 black dies for fitting bezels. This set is made for use with the Screwdown Press.



## Silicon Grease

### Grease Jar

Ref: 38-817-000

Silicon grease for watches. 30gr jar.



### Gasket Greaser

Ref: 38-817-100

Sponge saturated with silicon grease for quickly and evenly lubricating 'O' rings and gaskets. Simply drop the gasket onto the sponge, close the lid and twist. Remove gasket with tweezers and place into case.



## Plexi-Glass Tool

### Plexi remover/inserter

Ref: 38-897-000

Fits and removes plexi's and tension ring glasses from 10mm to 45mm without marking. Supplied complete with adjustable base.



## Bezel Tool

### Bergeon Rotating Bezel Remover

For removing rotating bezels from most types of watch cases without marking the case.

Supplied with full instructions, this tool saves time and helps eliminate the risk of damage to valuable time pieces. Will suit bezels from 27mm to 45mm



### Polishing Watch Glasses

With a little care, minor scratches and even some deeper scratches can be polished out of mineral crystal watch glasses using a conventional buffing motor mounted with a soft cloth mop and loaded with a small amount of Green Dialux.



Green Dialux  
Ref: 06-230-000

Polishing Mop  
Ref: 04-235-000

Polishing Lathe  
Ref: 35-042-000

## Adhesive

### Cement For Unbreakable (plastic) Watch Glasses.

Ref: 38-845-000

Cement in tube with fine nozzle for accurately applying to watch case. Hardens in 5minutes. Cap has fine plug to seal the tube to ensure maximum shelf life.

Can also be used for securing spectacle screws.



## Eye Loupes



### Single Lens Eye Loupe in Plastic Housing

Power	Focal Length	Ref:
2.8x	89mm (3 1/2")	Ref: 38-212-035
3.3x	76mm (3")	Ref: 38-212-030
5x	50mm (2")	Ref: 38-212-020
*10x	25mm (1")	Ref: 38-326-000



### Double Lens Eye Loupe in Plastic Housing

10x	50mm (1")	Ref: 38-320-000 **
12x		Ref: 38-330-000

\*\*Provides two magnifications.

Front lens screws off when not required.

Power	Focal Length	Ref:
3x	70mm (2 3/4")	Ref: 38-211-000
4x	63mm (2 1/2")	Ref: 38-212-025
6.7x	38mm (1 1/2")	Ref: 38-212-015

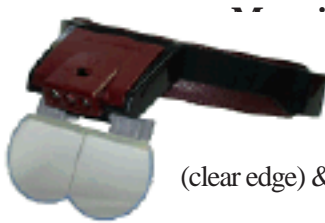
\*Bausch & Lomb, distortion free optical glass lens.



### Single Lens Eye Loupe

Polished Aluminium Housing  
Powex 4x Ref: 38-210-005  
Focal Length 63mm (2 1/2")

## Head Loupes



### Magnifier with LED Light Ref: 38-007-700

This magnifier features a padded front, quick release head band for comfort and easy adjustment as well as three small LED lights for lighting up the area you are focused on. The lens flips up when not in use. Complete with lens **2.0x** (blue edge), **2.5x** (green edge), **3.0x** (clear edge) & **4.0x** monocular (black edge) and matching protective lens pouches. *(Batteries not included).*



### MegaView Compact

Ref: 38-007-500

- Fully adjustable head band
- Wider field of view
- Extremely comfortable
- Lighter weight
- Can be worn over eyeglasses
- Hard coated acrylic lens
- Flip up lens
- Leaves both hands free
- Compact as ear pieces folds
- Vinyl carry case included. Complete with 2.0x, 2.5x and 3.0x Lens each with protective cover.



### MegaView Easifit

Ref: 38-007-000

This magnifier features a padded front, velcro closing head band for comfort and easy adjustment. The lens holder has a tension adjuster to allow for the correct alignment of the lens. Includes 2.0x (blue edge), 2.5x (green edge) & 3.0x (clear edge) lens each with protective cover.



### Optivisors

Magnifier, eye shade combination head band. Lens panel can be flipped up, and will stay in position with adjustable tensioners. Foam padded head rest for comfort with easy adjustment dial. The glass lens are ground, polished and set in acrylic.

Power	Focal Length	Ref:
1.75x	350mm (14")	Ref: 38-020-000
2.75x	150mm (6")	Ref: 38-022-000

Power	Focal Length	Ref:
2.50x	200mm (8")	Ref: 38-021-000
3.50x	100mm (4")	Ref: 38-023-000



### Replacement Lens Plate

Power	Focal Length	Plate #	Ref:
1.75x	350mm (14")	3	Ref: 38-020-001
2.75x	150mm (6")	7	Ref: 38-022-001

Power	Focal Length	Plate #	Ref:
2.50x	200mm (8")	5	Ref: 38-021-001
3.50x	100mm (4")	10	Ref: 38-023-001



### OptiLoupe Ref: 38-050-025

Add an OptiLoupe to any Optivisor for extra magnification 2.5x. Will fit right or left side.

### Peer Telesight Magnifier

An economy headloupe with precision ground prismatic lenses to assist the eyes in converging at the desired working distance. • Light weight construction • Soft expandable headband • Flip up visor when magnification is not required • Leaves hands free for working.

Power	Focal Length	Ref:
1.75x	350mm (14")	Ref: 38-005-010
2.75x	150mm (6")	Ref: 38-005-030

Power	Focal Length	Ref:
2.50x	200mm (8")	Ref: 38-005-025



## Head Loupes

**Clip on Spectacle Lens** Ref: 38-470-000

This new product is ideal for jewellers who wear glasses and require additional magnification. The light weight lens (18g), has a plastic clip which allows it to clip onto virtually all spectacles. The crystal clear acrylic lens of 2.5x magnification, can be flipped up when it is not required.



### Metal Frame Visor Style

Very light weight, making it comfortable to wear even for long periods. This magnifier has an easy adjustable head band, flip up lens and a simple lens lock to allow for easy exchange. Power 2.5x Focal length 200mm (8") Ref: 38-001-000



## Hand Loupes



GemOro loupes feature high quality **Hastings Triplet Lens**. 3 bonded **aplanatic** and **achromatic** corrected lens with blackened outer edge to eliminate colour and shape distortion.

### Hexagonal Pocket Loupe - 21mm Lens

#### Oval Pocket Loupe - 18mm Lens

##### Magnification 10x

- Ref: 38-100-014 Black Marble
- Ref: 38-100-015 White Pearl
- Ref: 38-100-911 Chrome
- Ref: 38-100-912 Gold



##### Magnification 14x

- Ref: 38-100-913 Black

##### Magnification 20x

- Ref: 38-100-921 Chrome
- Ref: 38-100-923 Black



##### Magnification 10x

- Ref: 38-100-031 Chrome
- Ref: 38-100-032 Gold
- Ref: 38-100-033 Black
- Ref: 38-100-039 Blue Lapis
- Ref: 38-100-038 Pink Marble
- Ref: 38-100-037 Green Malachite



All GemOro pocket loupes are supplied with a leather case

##### Magnification 20x

- Ref: 38-100-943 Black

#### Triangle Pocket Loupe - 18mm Lens

##### Magnification 10x

- Ref: 38-100-027 Green Malachite



### Doublet Loupes

- 10x Chrome loupe with spaced 22mm double lens.
- 10x Chrome loupe with spaced 16mm double lens

- Ref: 38-115-000
- Ref: 38-135-000



### Hand Loupe with LED Light

20.5mm triplet lens 10x magnification .  
Stainless Steel loupe and a bright led light. Uses 3 SR927W (399) batteries (included)

Ref: 38-099-900



## Magnifier Lights

### Flourescent Eco-Mag

Ref: 38-658-000

Low cost magnifying lamp. Fitted with a 3diopter lens and 22watt flourescent tube. Maximum arm reach 1080mm. Complete with table clamp for benches up to 60mm thick.



### Flourescent K-Mag

Ref: 38-650-000

Designed to provide magnification as well as exceptionally good light for extra fine work. Fitted with a 4 diopter lens (100% larger than actual size) and a 22 watt 5000k circular flourescent (Daylight) tube. Maximun arm reach 1080mm. Complete with table clamp for benches up to 75mm thick.



## Spring Bar Tools



- A☆F (Swiss)** Ref: 38-906-000  
Replacement Round tip Ref: 38-906-001
- Bergeon (Swiss)** Ref: 38-906-200  
Replacement Round tip Ref: 38-906-001
- Anchor (Economy)** Ref: 38-906-500  
Replacement Round tip Ref: 38-906-001

- Replacement Fork tip Ref: 38-902-002
- Replacement Fork tip Ref: 38-902-002
- Replacement Fork tip Ref: 38-902-002

## Watch Strap Pliers



**Watch Strap Notching Pliers**  
Ref: 27-792-100  
Makes a notch 1.5mm wide, suitable for leather or synthetic straps. (For making Cartier style straps)



**Hole Punch Pliers**  
Ref: 38-801-000  
For punching extra holes in watch straps, easily and accurately.



## Band Cutting / Filing



**Watch Band Vice**  
Ref: 38-906-712



**Watch Band Cutter**  
Ref: 38-905-000  
For cutting metal bands to length in one quick & easy action. Handle length 250mm.



**Watch Band Filing Block**  
Ref: 38-804-100  
Brass block with 12 different length and diameter slots to hold metal watch band cheniers firmly in place for filing without scratching or deforming. the hexagonal centre can be clamped in a bench vice.

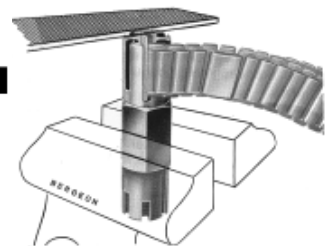
### Vallorbe Cut #0 Hand File

Ref: 10-000-001 sold without a handle  
Ideal for use with watch band filing blocks.  
Shown here with the Vallorbe Scew-on  
Plastic handle Ref: 31-271-000



### Bergeon Watch Band Filing Block

Ref: 38-804-000 Fits gents and ladies sizes  
Weight: 57g



## Component Storage



**24 Compartment Box** Ref: 39-855-000  
Storage box with slide-out lid. Each compartment has a single curved bottom-to-side corner to simplify picking up small components. Ideal for storing spring bars, pins, band clasps and other watch parts.



**Parts Cover** Ref: 38-816-000  
Plastic dual tray cover for storing job parts away from dust. One single compartment tray and one tray with 8 compartments



**8 Compartment Box** Ref: 39-850-000  
Storage box with slide-out lid.

# Link Removing/Fitting Tools



WATCH BAND TOOLS

## Bergeon Link Tool on Base Ref: 38-820-100

The safest and easiest tool to remove links, swivels and pins from metal watch bands. Complete as a set with pins, flat screwdrivers and phillips type screwdrivers, Band holder and gooseneck punch guide



## Screw Type Link Remover Ref: 38-806-000

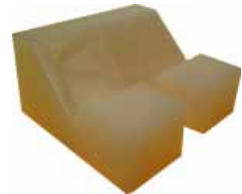
Easy to use, screw in type link remover in hard black plastic and hardened steel pin. Supplied with 'L' and 'G' spacers to adjust to correct height. Replacement pins Ref: 38-806-001



## Link-Pin Winding Tool Ref: 38-820-900



## Band Rest XCTB Ref: 38-818-150



## Band Holder for Removing Links Ref: 38-818-000

With slots to hold most metal watch bands. Use with Punches (Ref: 38-819-000)



## Link Punches Set of 3 Ref: 38-819-000

To punch out pins in metal watch bands. Punch sizes: 0.7mm, 0.8mm & 1.0mm Replacement Pins (for Punches)



## Wood Handle Riveting Hammers

High quality Italian hammers. The head has one flat end & one chiseled end. Use for striking punches and riveting.

50mm Head Ref: 17-130-000

60mm Head Ref: 17-135-000

70mm Head Ref: 17-140-000

80mm Head Ref: 17-145-000



0.7mm Ref: 38-819-070

0.8mm Ref: 38-819-080

1.0mm Ref: 38-819-100

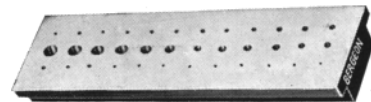
## Spring Loaded P1 Punch Ref: 38-906-701

90mm Head Ref: 17-145-000



## Rivetting Stake Ref: 38-811-000

36 holes, 0.5 - 2.5mm.



P1 Replacement tips Ref: 38-906-701

## Spring Loaded P2 Punch Ref: 38-906-710

Ref: 38-906-710



P2 Replacement tips Ref: 38-906-711

## Assorted Pins

In pkts, 80mm long

0.4 to 3.5mm thick.

38-821-000 Hardened blue steel

38-823-000 Tapered nickle

3-822-100 Brass 150mm long, 0.7mm to 4mm thick



## Bracelet Pliers Standard Ref: 38-826-000

Designed to slot into the band and lift the pin.



## Beco Pin Removing Pliers Ref: 38-820-400

Ref: 38-820-400



## Bracelet Pliers Seiko Ref: 38-826-100

Ref: 38-826-100



Replacement Pin for Beco Pin Removing Pliers Ref: 38-820-401



## Bench & Hand Vices



**Steel Hand Vice** Ref: 29-120-000

31mm serated jaw hand vice with maximum jaw opening to 11mm. The handles are spring loaded to allow for quick adjustment with a simple wingnut tightening screw. Overall length 110mm.

**Vise Nose Pin Vice** Ref: 29-206-000



Jaws 16 wide x 6mm opening. Overall length 115mm

**Swivel Head Pin Vice** Ref: 29-221-000



6mm jaw holds a reversable collet  
2 collets supplied to clamp 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



**Bench Vice 40mm Jaws**

Ref: 29-110-000

Economical sturdy vice with guides to assist parallel closing & rigidity. Jaws are smooth to reduce marking metal.

Weight: 0.9Kg

**Bench Vice 64mm Jaws**

Ref: 29-115-000

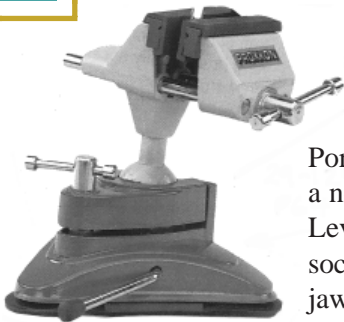


Weight 1.6Kg



**Swivel Bench Vice**

Features 50mm smooth, tempered, parallel jaws. Square anvil and lockable rotating screw-down mount. Weight 1.6Kg



**Suction Swivel Vice**

Ref: 29-124-000

Portable bench top vice with a non-marring vacuum base that 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

## Bench Mats



**Non-adhesive**

Ref: 38-815-000 Light green Size 250mm x 350mm

**Anti-static**

Ref: 38-815-100 Dark green Size 250mm x 350mm

For working on electronic watches. Prevents electrostatic discharges and does not attract dust.



**Try Square**

Ref: 36-580-000  
Size: 50 mm

## Taps and Dies

**Individual Taps**

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



**Individual Dies**

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



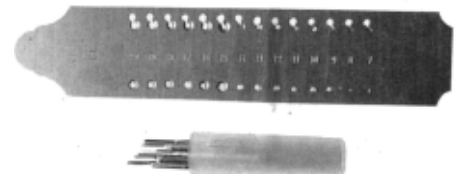
**Round Die Holder**

Ref: 22-080-000  
Fits 8mm round dies.

**Screwplate Set**

Ref: 22-022-000

24 hole plate (12 sizes) from 0.7mm - 2.0mm complete with 12 matching taps.



**12 Piece Tap Set** Ref: 22-023-000

Complete set of replacement taps.

## 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.

**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.

**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.



## Gauges

**Electronic Digital Vernier Calipers**

Sliding gauge with digital readout 150mm by 0.01mm.  
For measuring inside, outside, step and depth.

Mitutoyo Ref: 36-312-000

Standard Ref: 36-308-000



**Dial Vernier Calipers**

Sliding gauge with dial readout 150mm by 0.1mm.  
For inside, outside, step and depth measuring.

Mitutoyo Ref: 36-305-000

Standard Ref: 36-306-000



**Swiss Dial Vernier Caliper**

Glass fibre re-enforced Super-Polyamid construction with dial  
readout 150mm by 0.1mm Ref: 36-320-000



**Vernier Calipers**

Sliding stainless steel gauge. Readability 150mm by 0.1mm.  
For inside, outside, step and depth measuring.

Mitutoyo Ref: 36-312-001

Standard Ref: 36-310-000



## Conversion Chart

Gauge	Inch	Millimeter
6	0.162	4.11
8	0.129	3.28
10	0.102	2.59
12	0.081	2.06
14	0.064	1.63
16	0.051	1.29
18	0.040	1.02
20	0.032	0.81
22	0.025	0.64
24	0.020	0.51
26	0.016	0.41
28	0.013	0.33

**Steel Rules**

15cm Rule

Ref: 36-515-000

30cm Rule

Ref: 36-530-000



**Pegwood** 150mm long.

2.00mm Ref: 38-875-200

3.00mm Ref: 38-875-300

4.00mm Ref: 38-875-400

**Micrometer**

Ground thread with friction screw.  
Scale 15 mm by 0.01mm Ref: 36-210-000



**Brass Vernier Caliper**

Measures up to 65mm by 0.1mm.  
Ref: 36-315-000



**Jewel and Hand Size Gauge** Ref: 38-870-000

4 tapered rods to measure hand and jewel hole sizes accurately and quickly.  
Rule in mm on top to measure length of hands.



## GemOro Ultrasonic Cleaners - with Sweep technology



The GemOro Ultrasonic cleaners have been designed specifically for the jewellery industry and feature industrial strength transducers to give you the cavitation to quickly clean off dirt, rouge, tripoli, grease, casting investment, etc. They are backed by a full 12 month warranty.

**2QTH** Ref:42-184-000

Tank Size 140 x 127 x 102mm

Capacity 1.90 litre

Power: 50 watt

Weight: 3.2kg



**Basket - 2QTH**

Ref: 42-184-100



**3QTH** Ref: 42-186-000

Capacity: 2.8 litre

Power: 100 watt

Weight: 4.1kg

Tank Size: 241 x 140 x 102mm



**Basket - 3QTH**

Ref: 42-186-100



Features include:

- Illuminated heater switch
- 0-60min Timer (except 1PT)
- Sweep technology to clean to entire tank
- Turbo Boost Switch for ultra powerful clean
- Autoload, Self-tuning Output Voltage and Load Voltage.



**Pinpoint Ultrasonic** Ref: 42-191-000

This low cost ultrasonic cleaner is ideal as a back-up unit. Suitable for low volume work. Features: ABS Plastic Body, 304 Stainless Steel Tank, Transparent ABS Plastic Lid, Push-button 3 minute Timer with auto-off. Tank Size: 150mm x 90mm x 50mm deep.

## Cleaning Compounds

**Neo Jewellery Clense Ultrasonic Cleaner Solution** Ref: 42-095-050

Neo Jewellery Clense is a superior cleaning solution that contains no caustics, ammonia, silicate or dangerous solvents, so it is safe even in enclosed work areas. It is carefully blended to provide optimum removal of oil, grease, dirt and grime. May be used diluted or undiluted. 500mL



**Activax Cleaning Powder**

Very effective degreaser for use in ultrasonic cleaners. Mix at a ratio 25g powder to 1L of water & heat.

500g Jar Ref: 42-099-000

**Ultrasonic Waterless Watch Cleaning Solution #111**

Ref: 38-890-000

An ammoniated cleaner designed for cleaning watch parts.



**Clock Cleaning Solution #677**

Ref: 38-890-100

Non-ammoniated cleaner for Clock Movements

**Extra-Fine Watch Cleaning Solution**

Ref:38-890-200

Formulated for a mechanical watch-cleaning machine where a more efficient cleaning material is needed.



**Waterless Nofome Watch Cleaning Solution**

Ref: 38-890-300

For Ultrasonic and Watch Cleaning machines

**Ultrasonic Watch Rinsing Solution #3**

Ref: 38-890-400

Petroleum based rinsing solution to remove the cleaning solutions and residue from items cleaned with either petroleum or water based cleaners.



## Elma Ultrasonic Cleaners

### Elmasonic E15 Ref: 42-126-000

- Variable Heater setting
- On/off switch pushbutton
- Separate Timer Control

Tank: 151 x 137 x 100mm  
Capacity: 1.75 litres

#### Basket for E15

Ref: 42-126-100



### Model S30H

Ref: 42-138-000  
Capacity: 2.75 litres  
Tank internal size:  
240mm x 137mm  
x 100mm deep

#### Basket for S30H

Ref: 42-138-100



### Elmasonic X-tra 150H

#### X-tra Powerful

Dual Power settings for Gentle cleaning or Hi-power cleaning action with Sweep Technology

#### X-tra Capacity

Tank size: 300mm x 240mm x 200mm Capacity 14 litres.

#### X-tra Fast

Hi-speed Ceramic Heater with adjustable setting from 20°C to 80°C

#### X-tra Life

New long-life cavitation resistant stainless steel construction.



Ref: 42-135-000



## Elma Cleaner

### Super Elite Elma

Well made Swiss cleaning machine with 3 square glass jars and a drying chamber. Has a timer and adjustable rotating speed. Accessories available separately.-Stainless steel screw type mesh baskets to hold jewels etc whilst cleaning.

Ref: 38-800-000

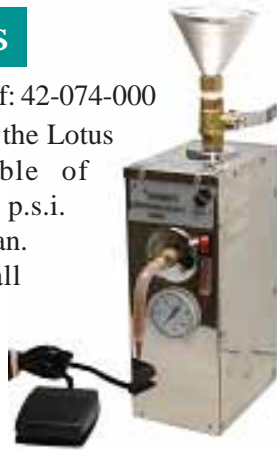
Special Order



## Steam Cleaners

### Lotus Steamshine Ref: 42-074-000

Compact, Safe and Reliable the Lotus Steam Cleaner is capable of producing steam up to 100 p.s.i. providing a dry powerful clean. The compact size and small price tag makes this an ideal machine for smaller workshops and retail stores. Features: Stainless steel construction for prolonged life and easy cleaning. Large easy read pressure gauge, fixed nozzle with foot control. Made in U.S.A. Capacity: 1.89 L Heating Power: 500 watts Dimensions: 115mm wide 310mm high x 220mm deep



### E 5003 Steam Jet

Ref: 42-081-000

The E5003 Steam Jet is able to produce saturated (completely moisture-free) steam at 6 bar (87 p.s.i.). This ensures not only fast efficient cleaning but also that the items are completely dry when finished. The large 4.8 litre maintenance free, stainless steel boiler provides for prolonged trouble free cleaning. E5003 Steam Jet - also features a minimum water level indicator, large easy read steam pressure gauge and foot controlled steam release. Size: 23cm wide x 35 deep x 44 high



### Elmasteam

The Elmasteam cleaners are high performance machines that make cleaning easy but thorough. Designed for before and/or after ultrasonic cleaning the Elmasteam will remove polishing compounds, plaster, resins, waxes, embedding materials oils and grime. Elmasteam stands apart from other steam cleaners with features such as; • Adjustable steam out put to suit the item being cleaned • Steam pressure up to 8bar (116 p.s.i) for intense very dry cleaning • Plug-in port for compressed air to give a final spotless dry to your cleaned pieces • Uses water straight from the tap - no need to buy distilled water. Perfect for any workshop, this unit will produce excellent results with minimal effort.



Elmasteam 3 with fixed nozzle



## Testing Equipment

The origin of Elma's watch servicing equipment dates back to 1947 when Hans Schmidbauer designed his first semiautomatic watch parts cleaning machine. Today's Testing and Servicing equipment has been a technological evolution in keeping with the development of the watch industry. Still made in Germany to exacting standards, Elma continues to produce tools of the highest standard for the professional watchmaker.

Special Order



### Elma Check Impulse

For quick testing of electronics and mechanics of crystal watches  
No opening of watch case required – quick testing of electronics  
Check of free-wheeling of the crystal watch mechanics



Special Order



### Elma Profi-Check

The machine generates a magnetic rotating field with variable intensity and rotational speed around the watch support. As soon as an analogue crystal watch is put in the range of influence of this rotating field, the magnetised rotor of the pulse motor also starts rotating. This allows very fast movement of the going parts without opening the watch, thereby removing gummy oil and dirt from the watch work.

- functional check of the mechanical unit
- loosening of blocked gear wheels by fast movement
- check of correct setting of hands
- check for true running of moving parts
- time setting
- indication of motor impulses
- check of watch battery

Special Order



### Elma Profi-Check Rate

The Profi-Check Rate enables the watchmaker to safely and thoroughly analyse faults in analogue crystal watches.

The movement of the watch is accelerated by means of a magnetic rotating field. This allows checking of the correct functioning of the mechanical pieces in a short period. The fast movement of the gear-train also removes gummy oil and dirt which frequently makes blocked watches go again. This is often the only way to repair watches that cannot be disassembled. The machine can also be used to demagnetise mechanical watch works, tools, etc. Features Include;

- external drive provides for functional check of the mechanical unit, loosening of blocked gear-train by fast movement, correct setting of the watch hands and a check for true running of moving parts.
- demagnetising of mechanical watches and tools
- measuring of movement
- check of watch battery
- indication of motor impulses



Special Order



### Elma Watch-Master II

Easy to operate automatic watch testing unit for crystal watches

- measuring of movement of crystal watches and mechanical watches
- integrated measuring of IC and total current consumption
- supply of variable voltage
- testing of watch batteries
- measuring of resistance, check for short circuit and interruption
- automatic or manual definition of measuring period
- acoustic alarm indicating wrong operation
- easy operation as all measuring is carried out automatically

Special Order

### Watch Matic III

Multi-functional and powerful testing unit for mechanical watches



- diagram recording in LCD graphic display
- selectable definition (magnifying lens) for diagram
- numerical display for deviation of movement and amplitude
- integrated amplitude measuring
- automatic definition of number of vibrations for all standard watches
- integrated loudspeaker for acoustic control of the noise of vibrations

## Pressure Testers



### The Leak-Controller 2000

The Leak-Controller 2000 checks the watch for leaks without risk. Using the integrated vacuum pump, the machine creates a difference of pressure between inside and outside the watch. The measuring gauge is sensitive to any movement of the case down to 1/1000 mm and instantly detects any pressure compensation. If a compensation of pressure takes place, the watch has a leak. If the difference of pressure remains the same, the watch is watertight. The machine has a mechanical design and even allows the testing of low-price watches with easily deformable watch-glasses (no risk of breaking of the glass). The easy operation of the machine guarantees correct testing after changing the battery even by apprentices. At the same time, the machine is a reliable and maintenance-free watch testing unit for the workshop of the professional watchmaker. Dimensions 155mm Diameter x 315mm high. Weight 3.5Kg

Special Order



### Witschi ALC 2000

Reliable water tightness test using the deformation principle

- Universally suited for all types of watch, with or without bracelet
- Automatic test cycle with pressure and vacuum
- Numerical results for the leakage rate
- Automatic good / leaky evaluation
- Standard test program with fixed parameters
- Easy programming of 10 test programs with individual parameters
- Messages and instructions in clear text (choice of 9 languages)
- Automatic locking and release of the test chamber

Special Order



### Bergeon Model 5555

Ref: 38-808-000

Manually operated tester that is simple and easy to use. Safely test watches without removing the movement. Tests to 3 Bar, secure to 6 bar. Can test 2 watches simultaneously.

**Simple Operation** - Fill the chamber with water to the level indicator. After removing the watch band, hang the watch on the raised 'T' Bar and tighten down the lid. Pressurise the tank and wait for 3 minutes. Immerse the watch and immediately release the pressure in the tank by pressing the release valve, while observing for bubbles exiting the watch. Full instructions are supplied with the tester and must be followed carefully. Not recommended for watches over 100m water resistant.

### Service Parts for Bergeon 5555

- Plexiglass Tank Ref: 38-808-100  
 Plunger Rod Ref: 38-808-110 'O' ring seal kit Ref: 38-808-120



## Watch Winders

### Elmamotion Pure

The stylish combination of precious wood and fine leather combine with the stunning presentation of the watches under a large slanted window. The interior is lined with black or tobacco-coloured velour while the swing-top cover can be opened wide to allow easy access. The core of the unit is the functional drive and control technology of leading Elma quality.

Features Include: • Speed winding • Adjustable sleeping phase (10 hours) for the careful treatment of watch works • Adjustable number of revolutions: 650-800-900 per day guarantee optimum winding • Adjustable direction of winding: left-hand, right-hand or alternating, prolongs the service life of battery and watch work • Energy-saving electronics (battery service life min. 1 year) • Low-battery indicator, 3 - 4 days in advance • Connection socket for (optional) power unit.

Special Order



### Elma Cyclomatic

Cyclo-matic-due is a machine for collectors of luxury automatic watches.

- compact outer dimensions: 110 x 190 x 145 mm
- supporting bow for 2 watches
- Elma Technology™ motion electronics - long-lived and almost noiseless
- battery-driven operation up to 1 year; suitable for storing in the safe over prolonged periods

Special Order

