

## TAAB and DUMONT Tweezers

Dumont are acknowledged as a premier tweezer manufacturer and produce several qualities of tweezer in terms of fineness and accuracy of the points. TAAB's branded range, manufactured expressly for TAAB by a Premier Swiss manufacturer, combines the high quality associated with Dumont tweezers together with very economical pricing. The following definitions will apply to all the tweezers listed in our catalogue. Not all the listed "available materials" below are stock items, but on request, those not listed can be obtained to special order.

## MATERIALS

**Carbon steel** produces tweezers with the hardest points but are also subject to rust and corrosion.

**Stainless steel (Inox)** – hard points and resistance to rust and corrosion.

**Stainless steel, medical** – superior grade gives stronger points and an improved resistance to corrosion during sterilisation.

**Stainless steel, antimagnetic (Dumoxel)** – a marginally softer grade of stainless steel with antimagnetic qualities.

**Dumostar** – a new alloy having antimagnetic quality, excellent corrosion resistance and produces the best points. The hardness reaches its peak in the employment zone of the tweezers. The points are insensitive to fatigue and never lose their elasticity.

**BIOLOGICAL** – Grade 1 tweezer with the finest points.

Materials available stainless steel (Inox), antimagnetic (Dumoxel) or Dumostar.

Finish - polished

**MEDICAL** - Grade 1 tweezer with fine points and excellent corrosion resistance.

Materials available stainless steel

**HIGH QUALITY** – Grade 2 tweezer with stronger points.

Materials available stainless steel (Inox), antimagnetic (Dumoxel) or carbon.

Finish - polished

**ELECTRONIC** – Grade 3 tweezer with the largest points, ideal for routine work.

Materials available stainless steel (Inox), antimagnetic (Dumoxel) or carbon.

Finish – polished or Epoxy coated handles

In addition to the finishes listed above TAAB offer **Teflon** coated tweezers and **Gold Tipped** tweezers. These will be listed in the respective tweezer type specifications. The biology and high precision grade tweezers are packed in a protective/storage plastic case.

## Tweezer Type 2

### Tip Profile



### Tweezer Profile



Tweezer Grade	TIP Dimensions(mm)		Overall tweezer length
	Width	Thickness	
Biology	0.17	0.07	120mm
High Precision -s/steel	0.34	0.14	
High Precision -carbon	0.30	0.12	
Electronic	0.34	0.14	

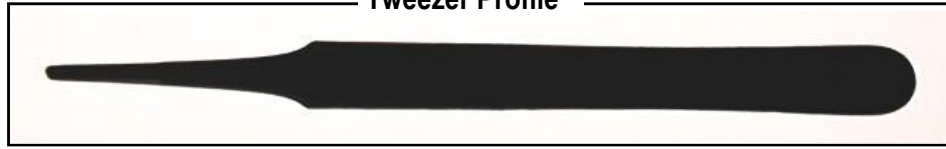
Tweezer Quality	Biology		High Precision		Electronic		Medical Biology		Med/ Biology Polished	
	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Carbon										
Carbon-Epoxy coated										
Stainless Steel			T412	T429						
S/Steel - Epoxy coated										
Stainless Steel -Anti-mag			T413	T430						
Dumostar			T376							

## Tweezer Type 2A

Tip Profile



Tweezer Profile



Tweezer Grade	TIP Dimensions(mm)		Overall tweezer length
	Width *	Thickness *	
Biology			
High Precision -s/steel	1.50	0.20	120mm
High Precision -carbon	1.50	0.20	
Electronic	1.50	0.20	

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology		Med/ Biology Polished	
	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Carbon										
Carbon-Epoxy coated										
Stainless Steel			T414	T388			T427			
S/Steel - Epoxy coated					T093					
Stainless Steel -Anti-mag			T415	T431						
Dumostar										

## Tweezer Type 3

Tip Profile



Tweezer Profile



Tweezer Grade	TIP Dimensions(mm)		Overall tweezer length
	Width	Thickness	
Biology	0.08	0.1	
High Precision -s/steel	0.17	0.10	120mm
High Precision -carbon	0.13	0.08	
Electronic	0.17	0.10	

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology		Med/ Biology Polished	
	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Carbon			T053							
Carbon-Epoxy coated										
Stainless Steel	T080	T301	T416	T343			T428			
S/Steel - Epoxy coated										
Stainless Steel -Anti-mag		T375	T404	T432						
Dumostar	T382		T377							

## Tweezer Type 3C

Tip Profile



Tweezer Profile



Tweezer Grade	TIP Dimensions(mm)		Overall tweezer length
	Width	Thickness	
Biology	0.08	0.04	110mm
High Precision -s/steel	0.17	0.10	
High Precision -carbon	0.13	0.08	
Electronic	0.17	0.10	

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology		Med/ Biology Polished	
	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Carbon										
Carbon-Epoxy coated				T152						
Stainless Steel	T081	T302	T417	T433						
S/Steel - Epoxy coated					T089					
Stainless Steel -Anti-mag			T418	T434						
Dumostar	T383		T378							

## Tweezer Type 4

Tip Profile



Tweezer Profile



Tweezer Grade	TIP Dimensions(mm)		Overall tweezer length
	Width	Thickness	
Biology	0.06	0.02	110mm
High Precision -s/steel	0.13	0.08	
High Precision -carbon	0.10	0.06	
Electronic	0.13	0.08	

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology		Med/ Biology Polished	
	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Carbon			T052	T149						
Carbon-Epoxy coated				T153						
Stainless Steel	T082	T143	T419	T344			T337			
S/Steel - Epoxy coated					T090					
Stainless Steel -Anti-mag	T086	T146	T420							
Dumostar	T384		T379							
S/ Steel -A/mag Teflon coated				T436						
S/Steel -A/mag Gold plated tips										
Titanium -A/mag for nickel grids	T547									

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# Tweezers & Small Tools

## Tweezer Type 5

Tip Profile



Tweezer Profile



Tweezer	TIP Dimensions(mm)		Overall tweezer length
Grade	Width	Thickness	
Biology	0.05	0.01	110mm
High Precision -s/steel	0.10	0.06	
High Precision -carbon	0.08	0.04	
Electronic	0.10	0.06	

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology		Med/ Biology Polished	
	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Carbon			T051	T150						
Carbon-Epoxy coated			T154	T154						
Stainless Steel	T083	T144	T421	T345			T338			
S/Steel - Epoxy coated					T091					
Stainless Steel -Anti-mag	T087	T147	T422							
Dumostar	T385		T380							
S/ Steel -A/mag Teflon coated				T340						
S/Steel -A/mag Gold plated tips				T409						
Titanium -A/mag for nickel grids	T548									

## Tweezer Type 5A

Tip Profile



Tweezer Profile



Tweezer	TIP Dimensions(mm)		Overall tweezer length
Grade	Width	Thickness	
Biology	0.06	0.02	115mm
High Precision -s/steel	0.13	0.08	
High Precision -carbon	0.10	0.06	
Electronic	0.13	0.08	

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology		Med/ Biology Polished	
	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Carbon										
Carbon-Epoxy coated										
Stainless Steel	T084	T303	T423				T401			
S/Steel - Epoxy coated										
Stainless Steel -Anti-mag			T424	T435						
Dumostar	T386									



# Tweezers & Small Tools

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## Tweezer Type 6

Tip Profile



Tweezer Profile



Tweezer Grade	TIP Dimensions(mm)		Overall tweezer length
	Width	Thickness	
High Precision -s/steel	0.17	0.10	115mm
High Precision -carbon	0.13	0.08	

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology		Med/ Biology Polished	
	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	
Carbon			T467							
Carbon-Epoxy coated										
Stainless Steel			T463	T465			T466			
S/Steel - Epoxy coated										
Stainless Steel -Anti-mag			T464							

## Tweezer Type 7

Tip Profile



Tweezer Profile



Tweezer Grade	TIP Dimensions(mm)		Overall tweezer length
	Width	Thickness	
Biology	0.07	0.03	115mm
High Precision -s/steel	0.17	0.10	
High Precision -carbon	0.13	0.08	
Electronic	0.24	0.16	

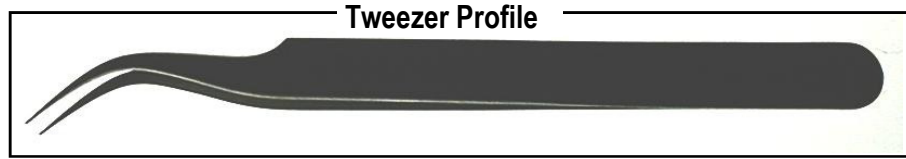
Tweezer Quality	Biology		High Precision		Electronic		Medical Biology		Med/ Biology Polished	
	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Carbon			T 050	T 151						
Carbon-Epoxy coated				T 155						
Stainless Steel	T 085	T 145	T 425	T 346			T 339			
S/Steel - Epoxy coated					T 092					
Stainless Steel -Anti-mag	T 088	T 148	T 426							
Dumostar	T 387		T 381							
S/ Steel -A/mag Teflon coated				T 437						
S/Steel -A/mag Gold plated tips										
Titanium - A/mag for nickel grids	T 549									

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# Tweezers & Small Tools

## Tweezer Type 7A

Tip Profile



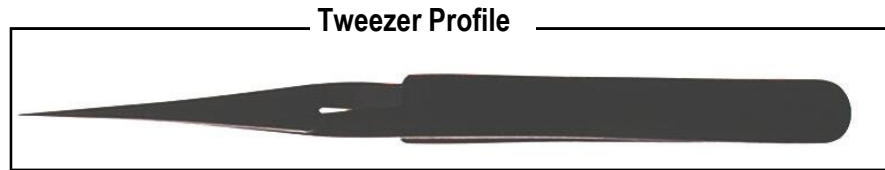
Tweezer	TIP Dimensions(mm)		Overall tweezer length
Grade	Width	Thickness	
High Precision -s/steel	0.24	0.16	115mm
High Precision -carbon	0.20	0.12	

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology		Med/ Biology Polished	
Manufacturer	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Stainless Steel			T472							
Stainless Steel -Anti-mag			T473	T474						

## Self Closing Tweezers

## Tweezer Type NOC

Tip Profile



Tweezer	TIP Dimensions(mm)		Overall tweezer length
Grade	Width	Thickness	
High Precision -s/steel	0.17	0.10	108mm

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology		Med/ Biology Polished	
Manufacturer	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Stainless Steel			T098							
Stainless Steel -Anti-mag										

## Self Closing Tweezers

## Tweezer Type N2A

Tip Profile



Tweezer	TIP Dimensions(mm)		Overall tweezer length
Grade	Width	Thickness	
High Precision -s/steel	1.50	0.20	120mm

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology		Med/ Biology Polished	
Manufacturer	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Stainless Steel										
Stainless Steel -Anti-mag			T170							

## Self Closing Tweezers

### Tweezer Type N3

Tip Profile



Tweezer Profile



Tweezer	TIP Dimensions(mm)				
Grade	Width	Thickness	Overall tweezer length		
High Precision -s/steel	0.17	0.10	118mm		

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology		Med/ Biology Polished	
Manufacturer	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Stainless Steel										
Stainless Steel -Anti-mag				T171						

## Self Closing Tweezers

### Tweezer Type N4

Tip Profile



Tweezer Profile



Tweezer	TIP Dimensions(mm)				
Grade	Width	Thickness	Overall tweezer length		
High Precision -s/steel	0.13	0.08	108mm		

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology		Med/ Biology Polished	
Manufacturer	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Stainless Steel			T099							
Stainless Steel -Anti-mag				T172						

## Self Closing Tweezers

### Tweezer Type N5

Tip Profile



Tweezer Profile



Tweezer	TIP Dimensions(mm)				
Grade	Width	Thickness	Overall tweezer length		
High Precision -s/steel	0.10	0.06	108mm		

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology		Med/ Biology Polished	
Manufacturer	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Stainless Steel			T391/1							
Stainless Steel -Anti-mag	T569		T391	T173						

Self Closing Tweezers continued

## Tweezer Type N5A

Tip Profile



Tweezer Profile



Tweezer Grade	TIP Dimensions(mm)		Overall tweezer length
	Width	Thickness	
High Precision -s/steel	0.10	0.06	108mm
Biology	0.05	0.01	

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology		Med/ Biology Polished	
Manufacturer	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Stainless Steel										
Stainless Steel -Anti-mag	T499			T174						

Self Closing Tweezers

## Tweezer Type N7

Tip Profile



Tweezer Profile



Tweezer Grade	TIP Dimensions(mm)		Overall tweezer length
	Width	Thickness	
High Precision -s/steel	0.17	0.10	115mm
Biology	0.07	0.03	

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology		Med/ Biology Polished	
Manufacturer	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Stainless Steel										
Stainless Steel -Anti-mag	T403			T175						

Self Closing Tweezers

Anti-Capillary Tweezers

## Tweezer Type N5AC

Tip Profile



Tweezer Profile



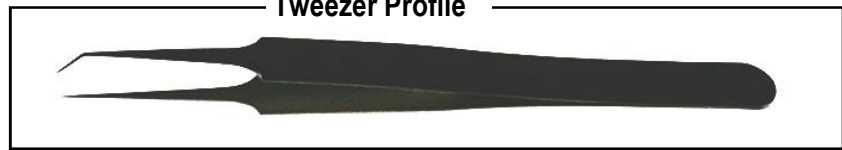
Tweezer Grade	TIP Dimensions(mm)		Overall tweezer length
	Width	Thickness	
Biology	0.07	0.02	108mm
High Precision -s/steel	0.14	0.10	

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology		Med/ Biology Polished	
Manufacturer	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Stainless Steel	T470									
Stainless Steel -Anti-mag	T471			T176						

## Tweezer Type 5AC

Anti-Capillary Tweezers

Tip Profile



Tweezer	TIP Dimensions(mm)				
Grade	Width	Thickness	Overall tweezer length		
Biology	0.07	0.02	108mm		
High Precision -s/steel	0.14	0.10			

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology		Med/ Biology Polished	
Manufacturer	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Stainless Steel	T468									
Stainless Steel -Anti-mag	T469			T156						

## Tweezer Type 5/45

Angled 45°

Tip Profile



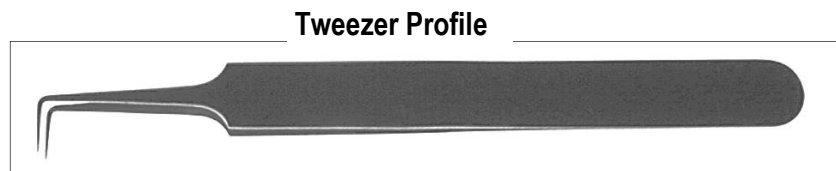
Tweezer	TIP Dimensions(mm)				
Grade	Width	Thickness	Overall tweezer length		
High Precision -s/steel	0.10	0.06	109mm		

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology	
Manufacturer	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Stainless Steel			T461					
Stainless Steel -Anti-mag	T335		T462	T540				

## Tweezer Type 5/90

Angled 90°

Tip Profile



Tweezer	TIP Dimensions(mm)				
Grade	Width	Thickness	Overall tweezer length		
High Precision -s/steel	0.10	0.06	106mm		

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology	
Manufacturer	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Stainless Steel			T459					
Stainless Steel -Anti-mag			T460	T475				

## General Purpose Tweezers

### Tweezer Type AA



This tweezer is suitable for assembly work, has bevelled edge, long strong shanks down to a fine tip, manufactured in stainless steel with an overall length of 125mm.

**T096** Tweezer type AA – stainless steel each

### Tweezer Type GG



A tweezer suitable for assembly work, has indented shank and strong tapered tips, manufactured in stainless steel with an overall length of 125mm.

**T097** Tweezer type GG – stainless steel each

### Tweezer Spade Tip



This tweezer has a spade end with an extra fine edge, suitable for handling items like microchips etc. Stainless steel, 120mm long.

**T101** Tweezer Swiss spade tip type 35a each

### Dumont Type 24 Tweezer

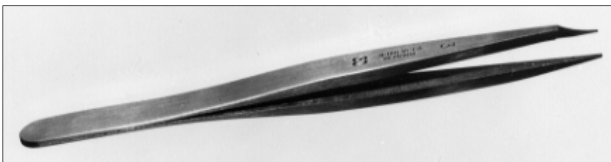


A long straight tweezer with serrated tips, this electronic grade stainless steel tweezer has a polished finish. Length 150mm

**T363** Dumont type 24 tweezer each

## Cutting Tweezers

### Tweezer Type 60/3



A cutting tweezer that has cutter jaws 5mm long for cutting small soft copper wires. Overall length 115mm

**T100** Tweezer type 60/3 – cutting, carbon steel each

## Cutting Tweezers

### Tweezer Type 15A



Dumont end cutting tweezer suitable for cutting small wires (hard 0.04 to 0.06mm diam. or copper 0.04 to 0.15mm diam.) This tweezer is also ideally suitable for removing the tabs from handle grids. Overall length 115mm

**T450** Tweezer type 15a, cutting, carbon steel each

## Insulated Tweezers

Two insulated handled, crossover tweezers, suitable for handling specimens into and out-off liquid nitrogen etc. These stainless steel tweezers have insulating pads on each side and are available with straight points or angled points. Both types are 175mm long.

**T304** Insulated tweezer, type 651, straight each

**T305** Insulated tweezer, type 652, curved each



## Swiss Large Crossover Tweezer

With insulating handles, these large stainless steel tweezers are ideal for metallurgical preparations etc. Length 160mm.

**T102** Tweezer, Swiss large x/over stainless steel each



## Clamping Tweezer

Type 25B carbon steel clamping tweezer, useful for handling small and delicate parts. 110mm long.

**T095** Clamping tweezer type 25b each



## Perry Type Tweezers

Tweezers with curved or flat serrated tips. Nickel plated tweezer with register pin. Length 145mm or 165mm.

**T501/145** Perry tweezer, curved tips, 145mm each

**T501/165** Perry tweezer, curved tips, 165mm each

**T476/145** Perry tweezer, straight tips, 145mm each

**T476/165** Perry tweezer, straight tips, 165mm each



Also available in stainless steel, anti magnetic, 120mm long. Please enquire.

## Perry Tweezer

Perry tweezer, curved serrated tip. This stainless steel tweezer has register pin and a polished finish. Length 165mm

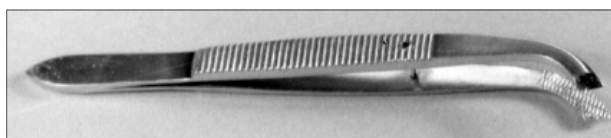
**T334** Perry tweezer, curved tips each



## Entomological Forceps

Entomological forceps with guide pin, 5mm wide tips, stainless steel, 120mm long.

**T196** Entomological forceps each

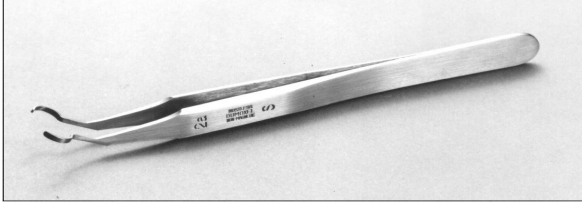




## Tweezers for Stubs

These stainless steel, anti-magnetic tweezers have been designed for handling specimen stubs commonly used in SEM and are also ideally suitable for handling small items.

### Pin Stub Tweezer - Type 2E ½



This tweezer has an opening of 12 - 19mm ( $\frac{1}{2}$  -  $\frac{3}{4}$  inch) particularly suitable for 12.5mm pin type stubs and other stubs of similar size.

**T137** Tweezer for 12.5mm pin type stubs each

### Type 2E ¼



This tweezer has an opening of 6 - 9.5mm ( $\frac{1}{4}$  -  $\frac{3}{8}$  inch) suitable for small items.

**T406** Tweezer for small items each

### Tweezer for Hitachi Stubs

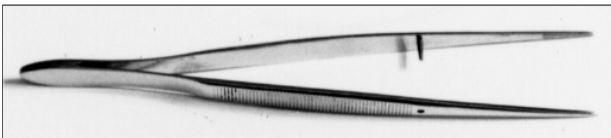


Tweezers specially modified for handling 15mm diameter Hitachi specimen stubs. These tweezers enable complete handling up to and including the screwing on and off of stub from holder.

**T329** Tweezer for 15mm Hitachi stubs each

## Spring Forceps

### Spring Forceps - Straight



Sharp, narrow flutes, stainless steel, **straight**, with guide pin, 115mm long

**T113** Spring forceps, narrow, straight each

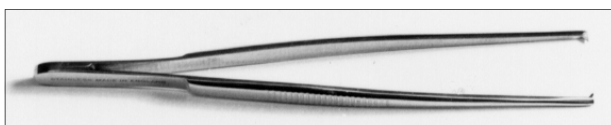
### Spring Forceps - Curved



Sharp, narrow flutes, stainless steel, **curved**, guide with pin, 115mm long.

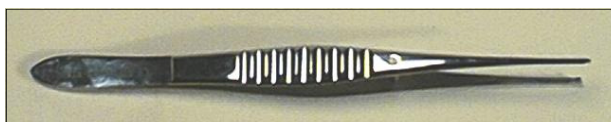
**T114** Spring forceps, narrow, curved each

### Spring Forceps - Rat Tooth



**Rat tooth**, narrow flutes with 1/2 teeth, stainless steel, 125mm long

**T115** Spring forceps, rat tooth each



**Iris**, very fine, narrow flutes with 1/2 teeth, stainless steel, 115mm long

**T500** Iris forceps, sharp, rat tooth each



## Laboratory Forceps

Two types of forceps with serrated tips, manufactured from stainless steel. Useful for handling and manipulating larger objects. Jaws open approximately 12mm for the angled and 10mm for the straight. With guide pin.

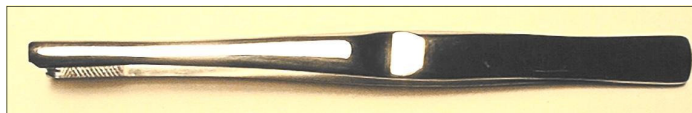
- T347** Forceps SS angled /point serrated L155mm each  
**T348** Forceps SS straight/point serrated L155mm each



## Spring Forceps, 3/4 tooth

'Lanes' wide tip 3/4 teeth, stainless steel forceps, 145mm long. Ideal for handling larger samples of tissue etc.

- T511** Spring forceps, 3/4 tooth, 145mm each



## Forceps Membrane/Cover Slip

Membranes filters should only be handled with suitable forceps in order to avoid contamination, all the following forceps have smooth flat or angled tips.

Fine, spade tipped, stainless steel forceps with angled end, suitable for handling filter membranes or cover slips, 102mm long.

- T179** Forceps, membrane/cover slip, angled each

**Self closing** stainless steel forceps - angled end, suitable for handling filter membranes or cover slips, 105mm long

- T477** Forceps, membrane/cover slip s/closing each

Straight tip, stainless steel forceps - bent, suitable for handling filter membranes or cover slips, 105mm long

- T169** Forceps, membrane/cover slip each



## Forceps, blunt

Forceps stainless steel - blunt (rounded end) serrated, narrow flutes. Without guide pin. either 125, 150 or 200mm long.

- T407** Forceps, blunt, 125mm each  
**T502** Forceps, blunt, 150mm each  
**T408** Forceps, blunt, 200mm each



## Forceps,

Sharp serrated narrow flutes, stainless steel forceps with guide pin, 150mm long.

- T503** Forceps, sharp, 150mm each



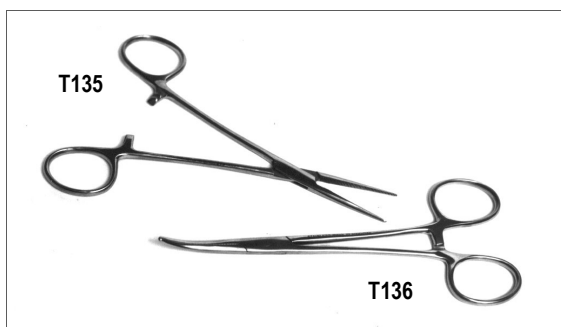
## Forceps - Adson

Micro Adson stainless steel spring forceps, one type with serrated points and another with 1/2 teeth (rat tooth)

- T504** Forceps, Adson, serrated, 125mm each  
**T505** Forceps, Adson, 1/2 tooth, 128mm each



## Forceps - Crile



Locking forceps with box joint, available in two styles, both are 140mm long.

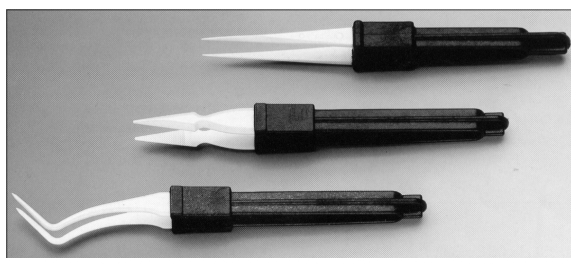
T135	Forceps, straight	each
T136	Forceps, curved	each

## Ceramic Tweezers

A range of Hi-Tech tweezers with shanks made of glass fibre reinforced Polyacetal, or Aluminium alloy, there are 3 styles of tips made of precious Ceramic..

*The tweezers feature the following advantage:*

Excellent corrosion-resistance and free from metallic contamination or elution of organic substance. Excellent heat insulation (1000°C) allowing holding items of high temperature. Free from magnetisation, good electrical insulation and free from static electricity. Highly resistant to all strong acids, (with the exception of hydrofluoric).



## Alloy Shank

T182	Tweezer ceramic/alloy – straight point	each
T183	Tweezer ceramic/alloy – curved fine point	each
T184	Tweezer ceramic/alloy – serrated point	each

## Polymer Shank

T185	Tweezer ceramic/polyacetal – straight fine point	each
T186	Tweezer ceramic/polyacetal – curved fine point	each
T187	Tweezer ceramic/polyacetal – serrated edge	each



T514

**TAAB Economically priced ceramic tip tweezers offering all the advantages of other ceramic tweezers but at only a fraction of the cost.**

T515

5 Types of high quality, precision, zirconia ceramic tip tweezers. The tips are mounted in aluminium handles, three types of which have serrated grips machined into the sides, the overall length of tweezers is 140mm.

T516

**Features:** Light weight/tension; Contamination free; High temperature - 1000°C; Solder resistant; Wear resistant; Antimagnetic; Surface resistivity -  $1 \times 10^{12}$ .

T517

T514 Tweezer ceramic, sharp fine point each

T515 Tweezer ceramic, strong f/point, serrated grip each

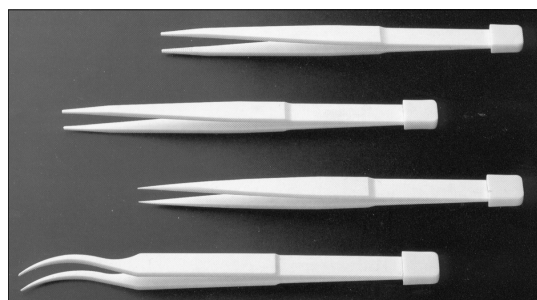
T516 Tweezer ceramic, sharp f/point, serrated grip each

T517 Tweezer ceramic, strong blunt point each

T518 Tweezer ceramic, type 2A, serrated grip each

## 100% Ceramic Tweezers

For applications and techniques which demand a tweezer manufactured in solid ceramic TAAB have introduced 4 styles: straight pointed and curved type 7a and two straight types with 1mm wide tip, one has serrated tips.



T478 Tweezer ceramic - straight precision tips each

T479 Tweezer ceramic – curved type 7a each

T480 Tweezer ceramic – straight 1mm tip, serrated each

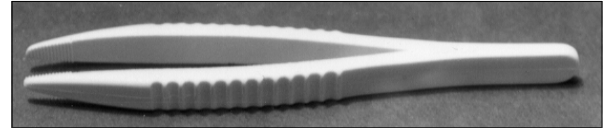
T481 Tweezer ceramic – straight 1mm tip, smooth each

## Plastic Tweezers

### Nylon Tweezers

Glass filled nylon tweezers. Provide a strong resistant insulating material which can be sterilised, 125mm long.

T119 Tweezers, nylon per 10



### Plastic Tweezers – Conducting

Special black carbon impregnated tweezers with conductive properties. Length 110mm.

3 types are available:

one with superfine points x 10mm long, one with flat 1.5mm points x 10mm long and another with 3mm wide thin tips x 12mm long.

T351 Conducting plastic tweezers – superfine points each  
 T482 Conducting plastic tweezers – flat 1.5mm tips each  
 T483 Conducting plastic tweezers – 3mm thin tips each



T351



T482



T483



### CTFE Tweezers

Spring forceps, narrow, tweezers with strong 3mm wide points, two styles one smooth and the other with serrated points both are 110mm long. CTFE is virtually unaffected by a wide range of acids, oxidising agents and most organic solvents. Suitable for use up to 200°C.

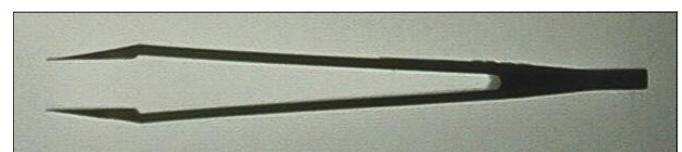
T486 CTFE tweezers – smooth tips each  
 T487 CTFE tweezers – serrated tips each



### Thin Tip Tweezers

A range of tweezers with **wide flat points** in either glass filled Delrin or acid resistant Polyethylene all are 115mm long. Useful for lifting items from flat surfaces. Available in 7.5mm, 9mm and 12mm widths.

T488 Delrin tweezers, flat tips, 7.5mm wide each  
 T489 Delrin tweezers, flat tips, 9.0mm wide each  
 T490 Delrin tweezers, flat tips 12.0mm wide each  
 T491 Polyethylene tweezers, flat tips, 7.5mm wide each  
 T492 Polyethylene tweezers, flat tips, 9.0mm wide each  
 T493 Polyethylene tweezers, flat tips, 12.0mm wide each

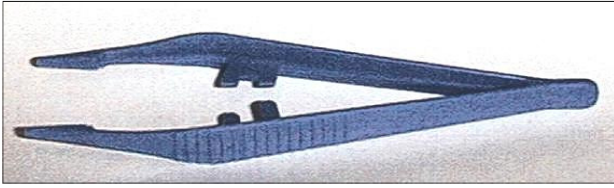




# 6

# Tweezers & Small Tools

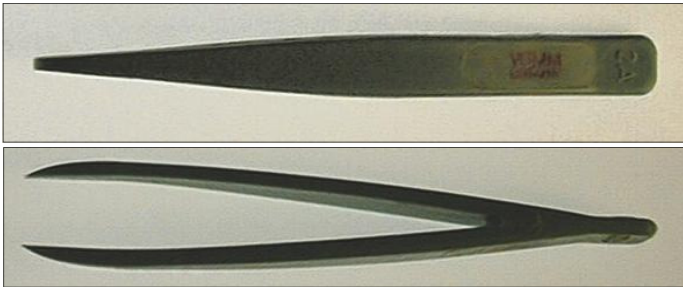
## Serrated Tip Polyamide Tweezer



Strong, Polyamide, glass filled tweezers with pointed, serrated tips, features a guide to stabilise tweezer when in clamping position. 125mm long.

**T494** Strong serrated tip tweezer Pack of 5

## Delrin '2A' Type Tweezer

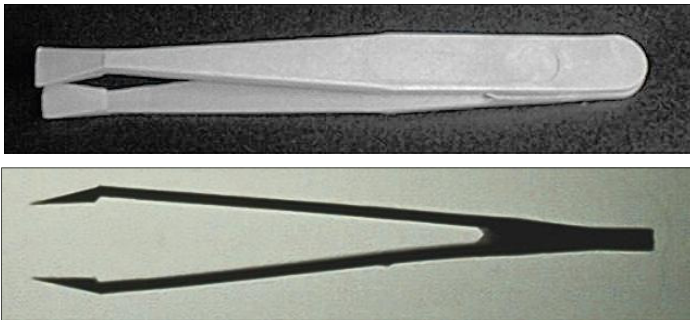


Plastic version *similar* to the popular 2A metal shape. Available in soft Delrin or glass filled Delrin. 110mm long.

**T495** 2A Type, soft Delrin tweezer each

**T496** 2A Type, glass filled Delrin tweezer each

## Spade Tip Delrin Tweezer



Glass filled Delrin tweezer with 7mm wide spade tip. 110mm long.

**T506** Delrin Spade tip tweezer , 10mm each

## Curved Tip Delrin Tweezers



Glass filled Delrin tweezers, 0.5mm wide tips. 45° curved, 100mm long.

**T507** Curved 0.5mm tip Delrin tweezer each



Strong glass filled Delrin tweezer, 5mm wide tips, 45° curved, 110mm long

**T508** Curved 5mm tip Delrin tweezer each

## Flexi-tip/Foil Tweezers

T544

For some applications the bulk of a pair of normal tweezers, or even vacuum tweezers, is too great for accurate, gentle handling of some delicate devices, samples and live specimens. These tweezers are made from 0.12mm (0.035") anti-magnetic steel and are ideal for handling plant and animal specimens with positive control. Acid resistant. Length 100 mm, very fine pointed end

**T544** Flexi-tip/Foil Tweezer, sharp, straight tips

A broad tip is sometimes preferable for some applications. This tweezer has a rounded blunt Tip, 100mm length x 0.12mm (0.035") Thickness. Extremely low force stainless steel, anti-magnetic & acid resistant.

**T545** Flexi-tip/Foil tweezer, rounded end, 100mm long

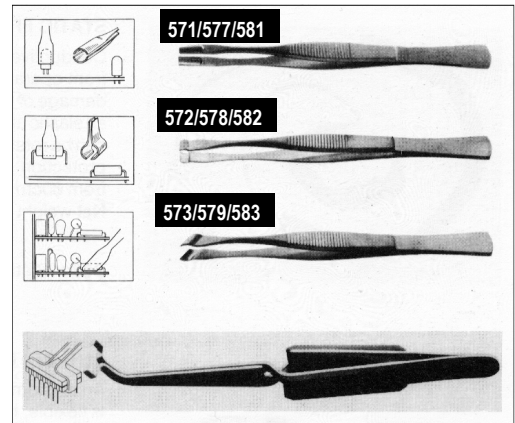


T545

## Electronic Component Handling Tweezers

A range of high quality specially designed tweezers, manufactured from anti-magnetic stainless steel. The tweezers are to assist in the handling and positioning of components on printed circuit boards etc.

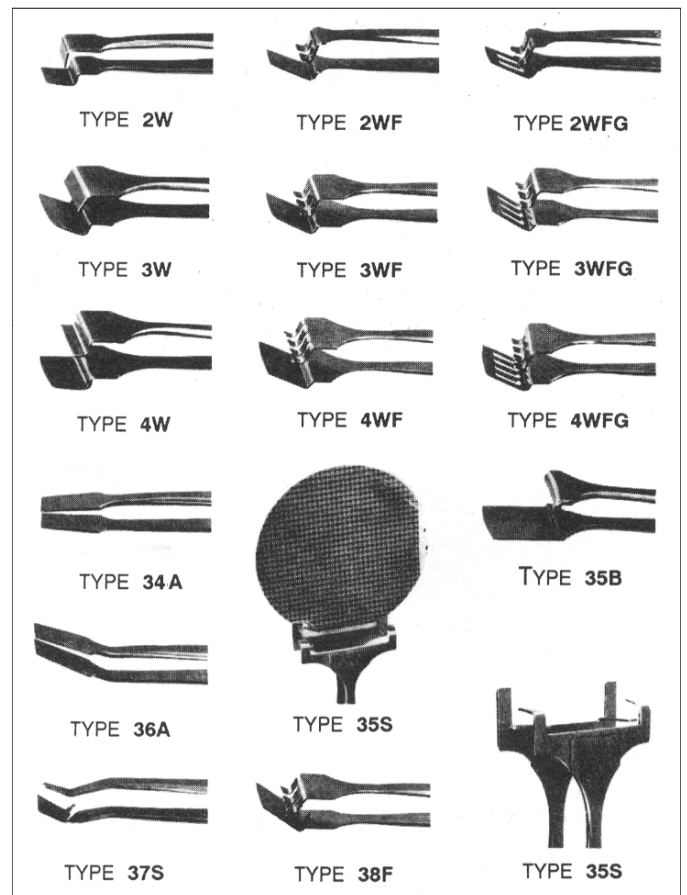
<b>T306</b>	Tweezer, component handling, type 571	each
<b>T307</b>	Tweezer, component handling, type 577	each
<b>T308</b>	Tweezer, component handling, type 572	each
<b>T309</b>	Tweezer, component handling, type 579	each
<b>T310</b>	Tweezer, component handling, type 573	each
<b>T311</b>	Tweezer, component handling, type 578	each
<b>T327</b>	Tweezer, DIP-remover, type 66A-SA	each



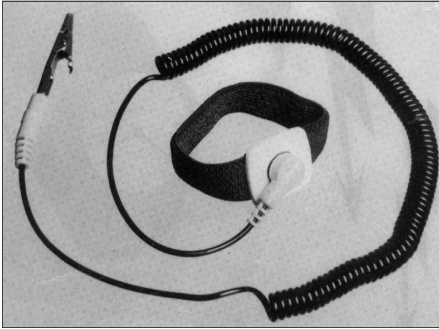
## Specialised Wafer Handling Tweezers

All manufactured in anti-magnetic stainless steel, these tweezers are designed for handling wafers without causing damage or loss.

<b>T312</b>	Tweezer, wafer handling, type 2W	each
<b>T313</b>	Tweezer, wafer handling, type 2WF	each
<b>T314</b>	Tweezer, wafer handling, type 2WFG	each
<b>T315</b>	Tweezer, wafer handling, type 3W	each
<b>T316</b>	Tweezer, wafer handling, type 3WF	each
<b>T317</b>	Tweezer, wafer handling, type 3WFG	each
<b>T318</b>	Tweezer, wafer handling, type 4W	each
<b>T319</b>	Tweezer, wafer handling, type 4WF	each
<b>T320</b>	Tweezer, wafer handling, type 4WFG	each
<b>T321</b>	Tweezer, wafer handling, type 34A	each
<b>T322</b>	Tweezer, wafer handling, type 34B	each
<b>T323</b>	Tweezer, wafer handling, type 35S	each
<b>T324</b>	Tweezer, wafer handling, type 36A	each
<b>T325</b>	Tweezer, wafer handling, type 37S	each
<b>T326</b>	Tweezer, wafer handling, type 38F	each



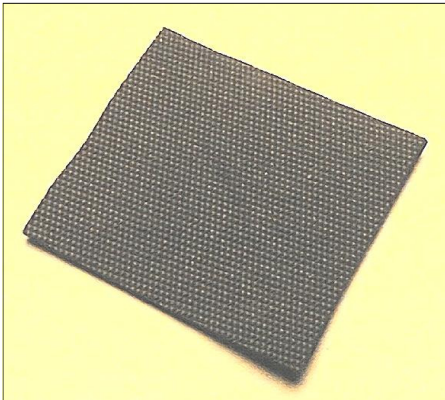
## Static-Free Wrist Strap



Conductive wriststraps are used to drain off electrostatic charges from operators handling static sensitive components. This prevents damage of very expensive parts in almost all cases. This unit features an elastic and flexible skin friendly fabric wristband. The snap fastener can be rotated 180 degrees, Incorporated in the mould is a 1 megaohm protection resistor. The highly flexible, coiled cord extends easily from 60cm (3ft) to a full 180cm (6ft) length without significant force. Net weight approx. 40 grams.

S364 Static free wrist strap each

## Anti Static



An elastomeric material which not only is electrically conductive but is flexible, high wear resistant and capable of withstanding a puddle of hot solder without melting. This mat makes a very useful work surface, as a dust free surface or for protecting static sensitive items from static charges and minor shocks. The mat is 1mm thick and 1 metre wide and is sold in 1-metre lengths up to a maximum one-piece length of 10 metres.

The material maintains its electrical conductivity throughout its lifetime. Volume sensitivity of mats is  $10^5$  ohm/cm and that's ten to twelve orders of magnitude better than the resistivity of typical rubber.

## TWEEZER ACCESSORIES

### O-Rings

These neoprene O-rings provide an inexpensive method to make clamping tweezers.

T103 O-Rings for tweezers per 20

### Plastic

Moulded polyethylene protective guards for tweezers.

T104 Plastic boots for tweezers per 20

### Plastic Tubing - Soft

Soft plastic tubing that can be cut to length to protect tweezer tips. An ideal alternative to the Plastic Boot which can sometimes damage curved tips.

T513 Plastic tubing -tweezer protection 1 metre

### Tweezer Resharpener Tool

Enables quick and precise resharpener of all regular style of tweezers, straight or angled. This cleverly designed instrument is very simple to use, requires no special instructions.

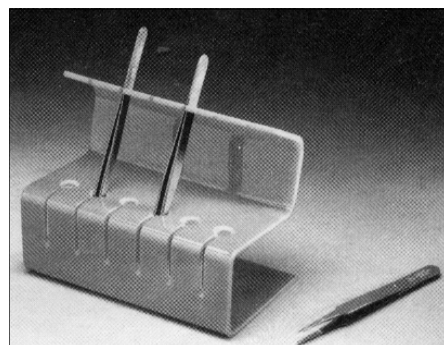
T105 Tweezer resharpener tool each



## Tweezer Stand

This purpose designed stand accommodates up to 6 tweezers. The tweezers are stacked in an easy to reach position and the shape of the stand protects the tips of the tweezers.

**T364** Tweezer stand each



## Tool Servant

A very versatile aid that overcomes the problem when working with tweezers or pliers, of being scattered on the work bench where damage to ultra-fine tips occur. Made of non magnetic and polished 18/10 steel, is acid-resistant and stainless. Holding up to 17 tweezers or 13 pliers on hand and in sight, no more wasting precious time looking for the right tool, can be bench mounted, or wall hung.

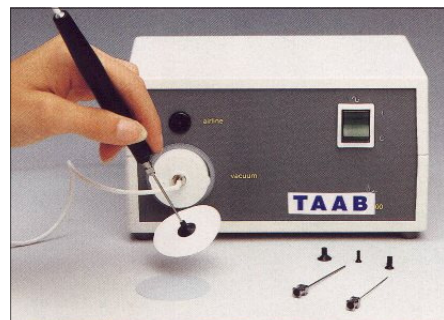
**T509** Tool Servant each



## Vacuum Tweezer

Useful for handling without damage, small delicate items i.e. Grids, specimens etc. The suction can be applied through a selection of either fine tubes or rubber suckers actuated by covering the hole in the tube with a finger. The object being lifted is released by lifting the finger from the hole. Nozzle sizes are 0.4mm, 0.7mm and 1.0mm.

**T106** Vacuum tweezer – 240 volt model each  
**T106/1** Vacuum tweezer – 110 volt model each  
**T106/S** Set of spare nozzles and tubing set



## Arkansas

High quality Arkansas Novaculite pocket stones in three grades for sharpening tweezers needles, scalpels etc.

**Soft Arkansas – medium** – is for producing an edge in the minimum of time, maximum stock removal prior to very fine polishing. All the pocket stones are perfect for on the spot touch-ups.

**Hard Arkansas – black** – for fine polishing and maintenance of a fine edge.

**Hard Arkansas - translucent** – is the finest grade abrasive stone available today, mostly used where an extremely fine polish is required. It is considered a surgical grade stone.

Dimensions: 3 x 1 x ¼ inch. Supplied with a leather sleeve to protect and store the stone.

**S075** Arkansas stone, hard - translucent each  
**S339** Arkansas stone, hard - black each  
**S340** Arkansas stone, soft - white each



**Bonded Stones** - a silicon carbide stone will sharpen a cutting edge quicker than an aluminium oxide stone, but the resulting edge will not last as long and will not be as precise. Dimension: 6 x 2 x 1 inch.

The stones should be used with a lubricating oil.

**S405/S** Silicon carbide oil stone, 6 x 2 x 1 inch each  
**S405/A** Aluminium oxide oil stone, 6 x 2 x 1 inch each



## Demagnetiser



In the field of Electron Microscopy, it is very important to ensure that tools and other small ferrous components are demagnetised before use. TAAB's demagnetiser has been designed to remove residual magnetism satisfactorily from these objects. The instrument has a thermal cut-off switch fitted as standard to protect against excessive heat generated (when energising the field) from damaging the coil and causing possible fire risk. The objects are demagnetised by lowering the object through the centre hole on top of unit and into the centre of coil. The DEMAG switch is depressed and the object is slowly withdrawn vertically from the hole, until approx. 30cm above the hole. The DEMAG switch is then released.

*Objects can equally be magnetised by reversing the process.*

**D052** Demagnetiser - 240volt model each

## Demagnetiser -



A modern design coil type demagnetiser. Simple but well built conventional style, wire coils are insulated to prevent shorting and overheating. No exposed wires. All totally enclosed in strong plastic case. Push button switch mounted on side of instrument.

**D189** Demagnetiser – Bergeon 240 v each

## Diamond Grips



For gripping and holding small objects. Three-prong, plunger in handle opens wire prong jaws that withdraw back in handle when not in use. Overall length 110mm .

**T442** Diamond grip each

## Diamond Grips - Mini



A smaller version of the popular **T442** diamond grips. Useful for keeping in laboratory coat pocket. Four prong spring loaded. Overall length 57mm.

**T443** Diamond grip – mini each

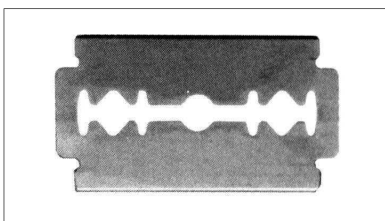
## Section Lifter



Stainless steel section lifter with angled tip blade, length of blade 55mm, overall length of lifter 126mm.

**S167** Section lifter each

## Blades - Double Edge



Double edge stainless steel 0.004" blades.

**B253** Double edge stainless steel blades 10

**B253/1** Double edge stainless steel blades 10 x 10



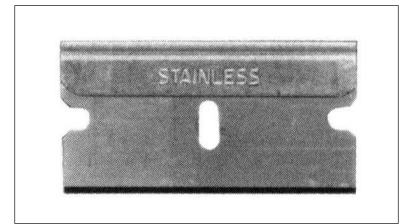
## BLADES – Single

GEM extra keen single edge, rigid backed blades 0.009" thick, ideal for sectioning, trimming etc. These blades are available in carbon or stainless steel packed 100 blades in a drawer box or as 10's in a plastic bag.

<b>B054</b>	Single edge grade 2 uncoated carbon steel blades	100
<b>B055</b>	Single edge grade 2 uncoated carbon steel blades	1000
<b>B056</b>	Single edge grade 1 uncoated stainless steel blades	100
<b>B056/2</b>	Single edge grade 1 uncoated stainless steel blades	10

**Also available is a Teflon coated Grade 1 Blade**

<b>B301</b>	Single edge grade 1 Teflon coated stainless steel blade	100
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## Blades - Heavy

For those wishing for a more rigid, stronger blade there is a version similar to the B054 which is 0.012" thick and without the end notches giving added strength and rigidity to an already strong and highly acclaimed superior cutting edge.

<b>B146</b>	Single edge heavy duty grade 2 carbon steel blades	100
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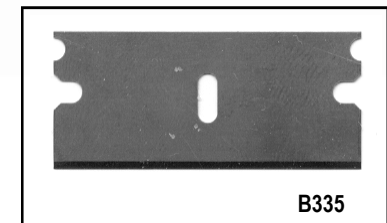
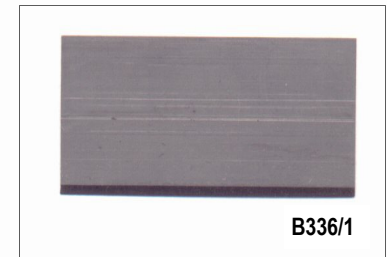


## BLADES - Single Edge -

Rigid carbon steel unbacked blades, one **B336/1** has no holes or notches the other **B335** is similar to B054 but without backing.

The **B335** product is supplied in a protective/dispenser container, this is reflected in the product price, after the one-off cost the empty container can be returned for a refill when ordering **B335/RF** or you can refill the dispenser yourself from the 1000 pack.

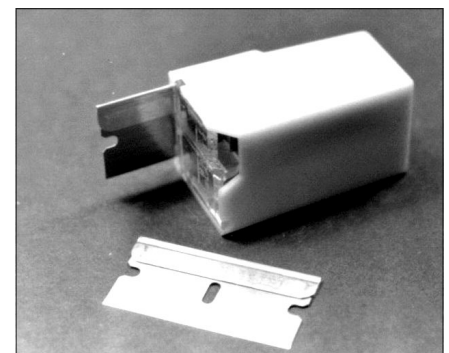
<b>B335/1</b>	Single edge blade <i>without</i> backing	1000
<b>B335</b>	Single edge blade w/o backing in dispenser	100
<b>B335/RF</b>	Single edge blade w/o backing, refill	100
<b>B336/1</b>	S/edge blade <i>without</i> notches and backing	1000



## Blades - GEM in Dispenser

Carbon Steel, 0.009" thick single edge blades packed 10 to a dispenser. The used blades are stored in the bottom of the rigid dispenser for safe disposal.

<b>B147</b>	Single edge blades in dispenser	each
<b>B147/1</b>	Single edge blades in dispenser	pack of 12



## Blades - Injector Style

Stainless steel single edge blades. Ideal for Vibratome and other sectioning applications. Blade length 1.5 inch (38mm), width ¼ inch (6mm) and thickness 0.050 inch (0.12mm). The **B294** product is supplied in a protective/dispenser container, this is reflected in the product price, after the one-off cost the empty container can be returned for a refill when ordering **B294/RF**.

<b>B294</b>	Blades – injector style stainless steel	100
<b>B294/RF</b>	Blades - injector s/steel refill	100
<b>B294/1</b>	Blades – injector style stainless steel	1000
<b>B210</b>	Blades - injector style <i>platinum</i> coated	100



## HOLDER for Single Edge Blades



This holder will take any of the B054, B055 or B056 blades. The blade is retractable when not in use and provides a safer method of use, keeping fingers further away from the cutting edge when cutting hard materials. Comes complete with one blade, it is easy to reverse blade to expose a new cutting edge or to refill with a new blade.

**B181** Holder for single edge blade each

## Section



Stainless steel blade housed in a black handle.

**B254** Section razor, stainless steel each

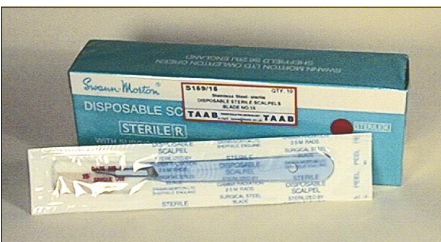
## Scalpels - Solid



Solid scalpel forged in stainless steel, the polished blade is available in four sizes **30mm or 35mm** with overall length of scalpel of 142mm and **45mm or 50mm** with overall length of 160mm.

**S197** Scalpel, 30mm blade, stainless steel each  
**S198** Scalpel, 35mm blade, stainless steel each  
**S199** Scalpel, 45mm blade, stainless steel each  
**S200** Scalpel, 50mm blade, stainless steel each

## Disposable Sterile



With plastic handles and stainless steel blades they are supplied in a disposable sterile pack, in **individual**, transparent-topped polystyrene trays. **Packed in boxes of 10.** Sterilisation of the blades is achieved by Gamma radiation 2.5M.Rad.

**S159/10** Scalpels, disposable sterile No. 10 blade box  
**S159/10A** Scalpels, disposable sterile no. 10A blade box  
**S159/15** Scalpels, disposable sterile No. 15 blade box  
**S159/22** Scalpels, disposable sterile No. 22 blade box  
**S159/23** Scalpels, disposable sterile No. 23 blade box

## Fine Scalpel Handles and Blades



The 'Fine' range has small, slim, precise sterile blades in stainless steel for delicate operations, supplied in individual metal foil packets. Three special handles are available either 100mm or 130mm long which are individually supplied in plastic wallets. There is now the **SF13** handle, 130mm long that incorporates an independently screwed top section designed for easier blade fitting and removal, a quarter turn of the handle is all that is required to release the blade.



**S32**



**S32**

**S323/100** Fine scalpel handle 100mm long each  
**S323/130** Fine scalpel handle 130mm long each  
**S369/130** Fine scalpel handle 130mm long, type SF13 each  
**S324** Fine scalpel blade type SM 65 pack 5  
**S325** Fine scalpel blade type SM 67 pack 5

# Tweezers & Small Tools

6

## Scalpel Handles and Blades

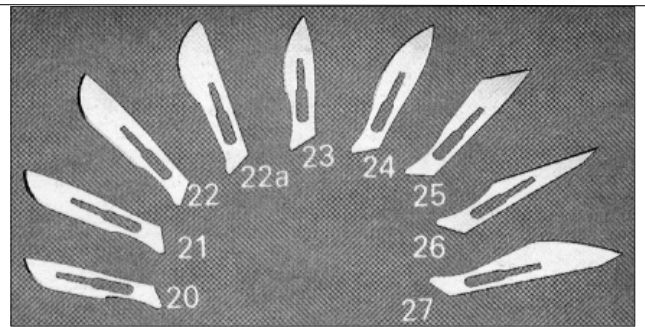
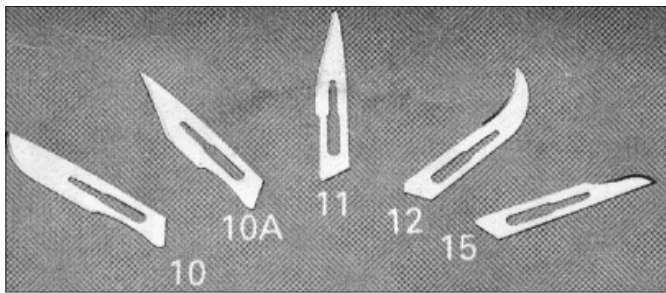
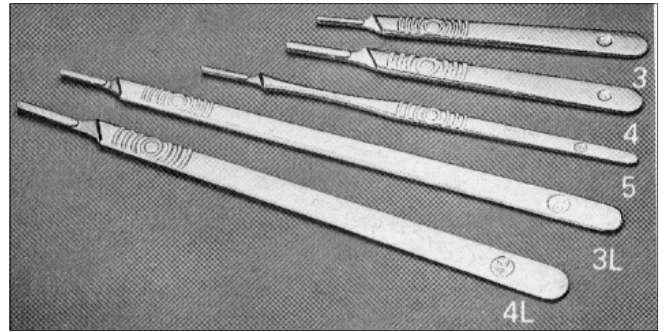
A wide selection of handles is available to hold replaceable blades.

Handles **No.3** , **No.3L** and **No.9** are heavy duty nickel alloy handles and type **B3** is stainless steel all are for use with blades 10 to 15. Handle type **No.4** , **No.4L** are heavy duty nickel alloy and **No.5** hollow cast alloy are for use with blades 20 to 25.

*Handles 3, 3L, 9, 4 and 4L are also available manufactured from stainless steel – Please enquire*

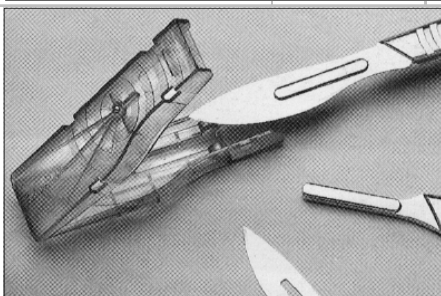
The surgical blades are either **carbon steel, non-sterile** foil packed in units of 5 (20 units of 5 to a 100 pack) or stainless steel, **sterile**, boxed in 100's individually foil-wrapped.

Product No	Handle Type	Length	Use with Blades
S069	No. 3	120mm	10,10A,11,12,15
S069/L	No. 3L	210mm	
S297	No.5	130mm	
S341	No.7	160mm	
S132	No.9	115mm	
S272	No.B3	128mm	
S109	No.4	130mm	20,21,22,22A,23,24,25
S109/L	No.4L	210mm	



Description	Product Number		Qty	Description	Product Number		Qty
	Sterile	Non-Sterile			Sterile	Non-Sterile	
Scalpel Blade Number 10		S070/10/005	5	Scalpel Blade Number 20		S110/20/005	5
Scalpel Blade Number 10A		S070/10A/005	5	Scalpel Blade Number 21		S110/21/005	5
Scalpel Blade Number 11		S070/11/005	5	Scalpel Blade Number 22		S110/22/005	5
Scalpel Blade Number 12		S070/12/005	5	Scalpel Blade Number 22A		S110/22A/005	5
Scalpel Blade Number 15		S070/15/005	5	Scalpel Blade Number 23		S110/23/005	5
				Scalpel Blade Number 24		S110/24/005	5
Scalpel Blade Number 10	S334/10/100	S070/10/100	100	Scalpel Blade Number 25		S110/25/005	5
Scalpel Blade Number 10A	S334/10A/100	S070/10A/100	100				
Scalpel Blade Number 11	S334/11/100	S070/11/100	100	Scalpel Blade Number 20	S335/20/100	S110/20/100	100
Scalpel Blade Number 12	S334/12/100	S070/12/100	100	Scalpel Blade Number 21	S335/21/100	S110/21/100	100
Scalpel Blade Number 15	S334/15/100	S070/15/100	100	Scalpel Blade Number 22	S335/22/100	S110/22/100	100
				Scalpel Blade Number 22A	S335/22A/100	S110/22A/100	100
				Scalpel Blade Number 23	S335/23/100	S110/23/100	100
				Scalpel Blade Number 24	S335/24/100	S110/24/100	100
				Scalpel Blade Number 25	S335/25/100	S110/25/100	100

## Scalpel Blade Removers



The surgical blade remover comes **sterile** or **non-sterile** for single use and is contact safe. This handy and safety-conscious device gives maximum protection during the hazardous task of blade removal from no.3 and no.4 scalpel handles. The resultant enclosed blade in holder is then ideally suited for disposal to any appropriate waste container.

**H060** Scalpel blade remove, sterile pack 20  
**H061** Scalpel blade remover, non-sterile pack 100





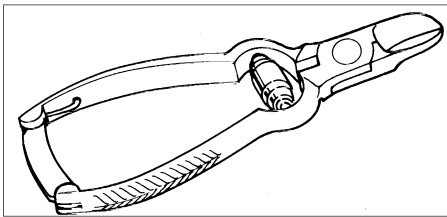
## Post-Mortem Knife

Post-mortem knife with heavy-duty carbon steel blade. Screw-type fitting to either a die-cast handle or autoclavable solid-cast stainless steel handle.

Type PM40 blades, boxed in 10's.

Type PM40B (snubnose) blades, boxed in 10's

<b>K108</b>	Post-mortem knife handle, die cast	each
<b>K108/S</b>	Post-mortem knife handle, stainless steel	each
<b>K109</b>	Blades, post-mortem, PM40	pack 10
<b>K109/B</b>	Blades, post-mortem, PM40B	pack 10

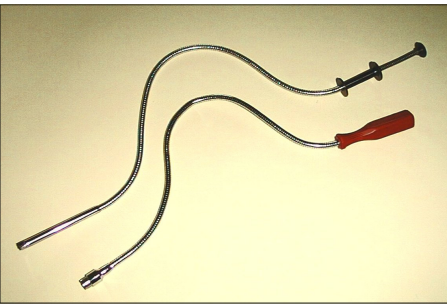


## Bone Cutter

Carbon steel, sprung, blade length 20mm, overall length 120mm.

<b>C281</b>	Bone cutter, carbon steel	each
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## Retrieving Tools



Clasp and magnetic retrieving tools for picking up components and hardware which have fallen into areas of difficult access. Both tools have an overall reach of 550mm, made from flexible tubing, which can be bent to a set position.

**CLASP:** Jaws are spring loaded and open to 15mm ( 10mm square closed ). The jaws are opened from the handle end by a bell push button.

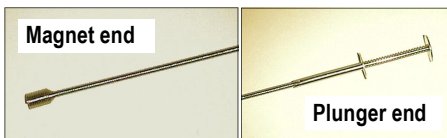
**MAGNETIC:** Capable of retaining weights up to 500g. Head diameter of 14mm.

<b>T129</b>	Clasp pick-up	each
<b>T130</b>	Magnetic pick-up	each

**NEW,** super strength magnetic pick-up tool, will lift up to 682g, similar to **T130** is flexible but cannot be bent into a set position, has a spring operated push plunger for activating deactivating magnet only when required. This activation is achieved by exposing the magnet from a shielded coil by depressing the plunger.

Manufactured with Neodymium-Iron-Boron extra high flux magnet.

<b>T512</b>	Magnetic pick-up, activated mag/field	each
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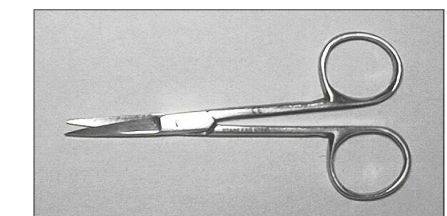
## Scissors - Various



## Surgical Scissors

Surgical scissors with sharp points, stainless steel, 125, 180 or 200mm long

<b>S071/120</b>	Scissors, surgical, stainless steel, 125mm	each
<b>S071/180</b>	Scissors, surgical, stainless steel, 180mm	each
<b>S071/200</b>	Scissors, surgical, stainless steel, 200mm	each



## Microscopic Scissors

Microscopic scissors, iris quality, straight, stainless steel, 100mm long.

<b>S370</b>	Scissors, microscopic, stainless steel	each
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## Dissecting Scissors

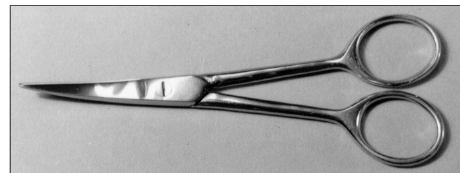
**Open shanks**, dissecting scissors with **sharp points**, stainless steel, 112, 125 or 150mm long.

- S072/112 Scissors, dissecting, stainless steel, 112mm each
- S072/125 Scissors, dissecting, stainless steel, 125mm each
- S072/150 Scissors, dissecting, stainless steel, 150mm each



**Open shanks**, dissecting scissors, **curved on flat**, stainless steel, 112 or 150mm long.

- S201/112 Scissors, dissecting, curved on flat s/steel, 112mm each
- S201/150 Scissors, dissecting, curved on flat s/steel, 150mm each



**Closed shanks**, dissecting scissors, **fine points**, straight, stainless steel, length 105mm.

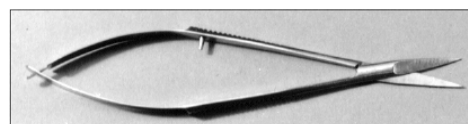
- S342 Scissors, dissecting, fine points, s/steel each



## Springbow Dissecting Scissors

These scissors have very sharp points, and are self opening.

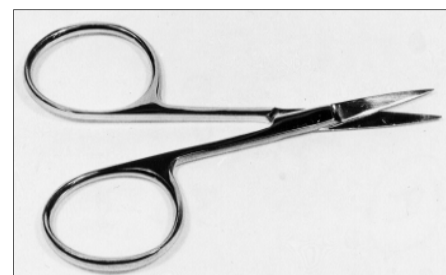
- S213 Spring dissecting, straight, 110mm long each
- S274 Spring dissecting, **curved**, 100mm long each



## Iris Scissors

High quality Iris scissors with very fine points, stainless steel, 79mm or 114mm long.

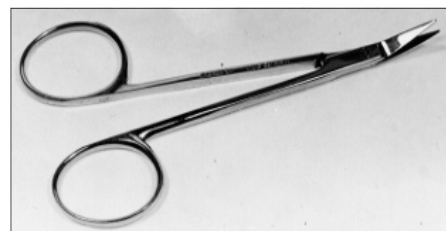
- S073 Scissors, iris, 95mm each
- SS073/114 Scissors, iris, 114mm each



## Angled Scissors

High quality scissors with **side** angled tip of 45°, stainless steel, 115mm long.

- S074/1 Scissors, angled, stainless steel each



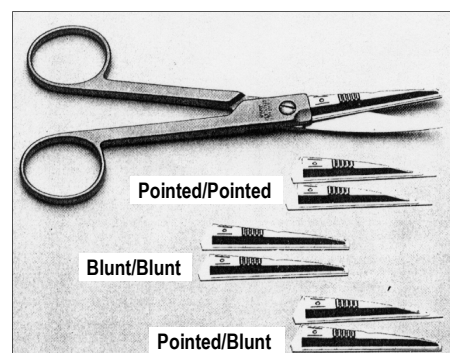
## Scissors Type 145 - with Exchangeable

Special stainless steel scissors, 155mm overall length with a choice of different cutting blades for use with dangerous or difficult specimens where the scissors would need to be discarded or reground. Exchange blades measure 46mm overall.

Benefits are:-

- ◆ No re-grinding
- ◆ Easy blade exchange
- ◆ Timesaving
- ◆ Increased safety

- S365 Scissors, type 145 - frame only each
- S365/PB Exchange blades pointed/blunt per 5
- S365/BB Exchange blades blunt/blunt per 5
- S365/PP Exchange blades pointed/pointed per 5



## General purpose scissors



Stainless steel general purpose straight scissors, closed shanks, available 125mm, 150mm or 175mm long.

<b>S202</b>	Scissors, general purpose, 175mm	each
<b>S368</b>	Scissors, general purpose, 150mm	each
<b>S369</b>	Scissors, general purpose, 125mm	each

## Universal Scissors



Stainless steel scissors that never need sharpening! These universal scissors are ideal to cut plastic tubing, vacuum tubing, wire, metals and other items (to 24 gauge wire). Long lasting cutting ability, powerful grip makes cutting easier. One blade is serrated and the scissors are autoclavable.

<b>S130</b>	Scissors, universal, stainless steel	each
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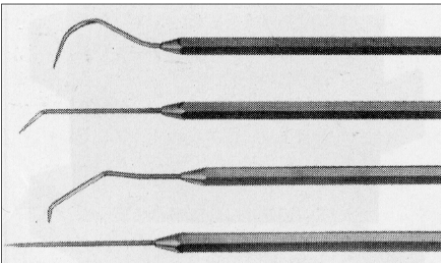
## Set of Probes



Two dissecting needles for delicate manoeuvring and cutting of specimens. The set comprises of one straight needle and one bent needle. The needles are made in stainless steel mounted in aluminium handles.

<b>T116</b>	Probes, fine	each
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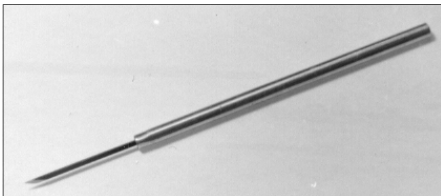
## Set of Shaped Probes



Set of four, stainless steel hexagonal 'non-roll' handled probes, for delicate manoeuvring of specimens etc. One straight, one hooked, one angled and one with right angled point.

<b>T198</b>	Probes, shaped, fine	set 4
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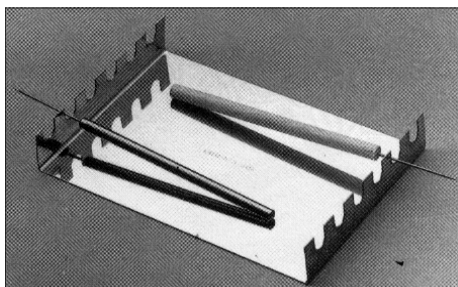
## Borrodaile Needle



Stainless steel cutting needle in aluminium handle. Blade: 35mm long x 1.5mm wide and 0.8mm thick. Overall length 130mm.

<b>T197</b>	Borrodaile needle	each
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## Needle Stand



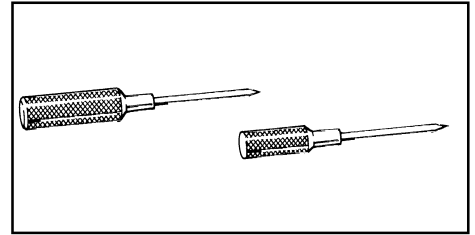
A stainless steel stand with 6 slots at each end to rest needles, brushes etc.

<b>T362</b>	Needle stand	each
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## Dissecting Awl

Stainless steel spike in a choice of two different lengths milled aluminium handles.  
Length of spike: 28mm.

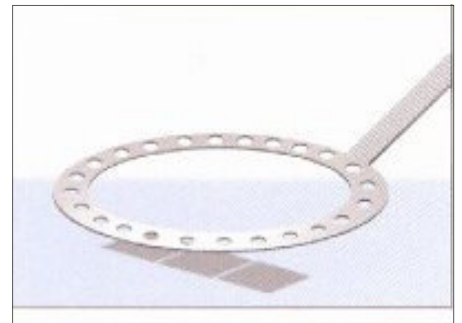
<b>T358</b>	Dissecting awl - large	pair
<b>T359</b>	Dissecting awl - small	pair



## The Perfect Loop

Using the 'Perfect Loop', you can easily transfer thin sections from the microtome boats to grids with a minimum of creasing. The outside diameter of the loop (3mm) is the same as the grid. This assists the attraction of the loop to the grid when in water, which attach together through the surface tension of the water. Larger 7mm diameter loops are available for LM work (large sections).

<b>L138</b>	Perfect loop, EM set	each
<b>L141</b>	Replacement EM loop only	each
<b>L142</b>	Perfect loop, EM handle	each

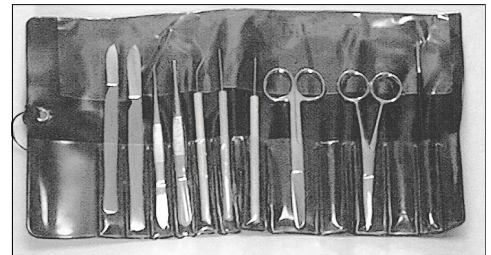


## Dissecting Sets

### Basic Set

A 10 piece set comprising 2 solid scalpels, 2 needles, 1 seeker, forceps-blunt and sharp, scissors-fine and blunt and a fine brush all in a PVC roll. (Needles and seeker in wooden handles).

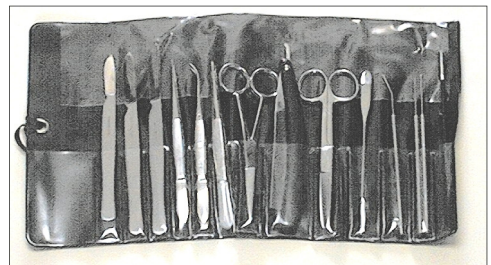
<b>D078</b>	Dissecting set - basic 10 piece	each
<b>D078/S</b>	Dissecting set - 10 piece, loose blades	each



### Advanced Set

A 14 piece set comprising 3 solid scalpels, 2 needles, 1 seeker, 1 section lifter, forceps-blunt, sharp and sharp curved, scissors - fine and blunt, 1 section razor and a fine brush all in a PVC roll. (Needles and seeker in stainless steel handles).

<b>D190</b>	Dissecting set - advanced 14 piece	each
<b>D190/S</b>	Dissecting set - 14 piece, loose blades	each



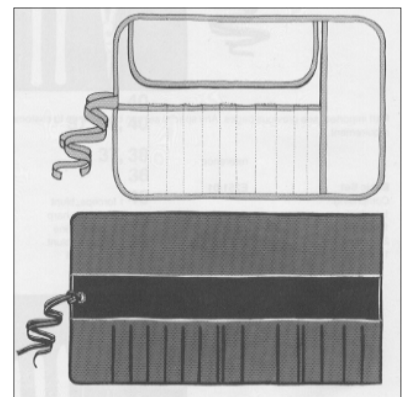
### Options:

The **S** sets have the solid scalpels replaced with Scalpel handles no.3 & 4 and 20 blades. If blade type is not specified at ordering, TAAB will supply 10 x No.10 and 10 x No.22a

## Dissecting

A choice of two dissection rolls both with 13 pockets and tape tie, one is manufactured in khaki canvas and the other in PVC with transparent pockets.

<b>T360</b>	Dissecting roll - canvas	each
<b>T361</b>	Dissecting roll - PVC	each

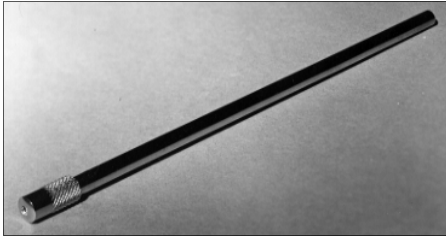




# 6

# Tweezers & Small Tools

## Wire Holder



Nickel-plated brass, holder is fitted with screw chuck. Suitable for wire or needles up to 0.056mm diameter (24 SWG). Overall length of holder is 150mm

**W080** Wire holder each

See Microtomy section page 12.17 for details on Nichrome wire, needles and loops.

## Pin Vice, Slim



Slim knurled brass body 5mm diameter with steel chuck for fine work. Capacity 0 to 0.60mm, total length 98mm.

**P266** Slim pin vice each

## Pin Vice. Swivel



A precision tool with reversible collets for holding cylindrical objects from the smallest sizes up to 2.30mm diameter. The pin vice is 95mm long and the swivel head is 19mm diameter.

**P148** Pin vice, swivel type each

## Pintong



Precision made pintong with hardened steel chuck capacity 1.40 to 3.1mm diameter. The 90mm long pintong has knurled body for easy grip.

**P286** Pintong each

## Spatula



A choice of stainless steel or nickel spatulas, with one flat end and one slightly angled rounded end.

**T117** Spatula, double, Chatterway, 200mm long, s/steel set 3

**T117/N** Spatula, double, Chatterway, 200mm long, **nickel** set 3

**T118/125** Spatula, micro double, 125mm long, s/steel set 3

**T118/150** Spatula, micro double, 150mm long, s/steel set 3

**T118/200** Spatula, micro double, 200mm long, s/steel set 3



## Spatula - Straight Spoon

Stainless steel spatula with a flat blade at one end and a spoon at the other.  
Overall length 210mm

**T355** Spatula, straight spoon each



## Spatula, Nuffield

A stainless steel spatula in the classic Nuffield pattern, length 140mm.

**T356** Spatula, Nuffield pattern each

## Spatula, Polypropylene

Polypropylene, Flat and tapered with chamfered ends. Can be autoclaved.  
Dimension given is overall length.

**T510/100** Spatula, polyprop. 100mm per 10

**T510/150** Spatula, polyprop. 150mm per 10



## Palette Knife

Stainless steel parallel sided 100mm, 150mm or 200mm blade set in balanced wooden handle.

**K079/100** Palette knife, 100mm blade each

**K079/150** Palette knife, 150mm blade each

**K079/200** Palette knife, 200mm blade each



## Writing Diamond

A high quality writing diamond set in shaped wooden handle. For writing on glass, metal etc. or for scoring ampoules.

**W078** Writing diamond each



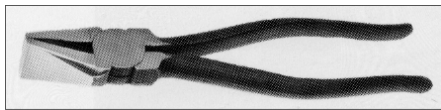
## Glass

This glass scorer has a shaped handle for control and comfort and has a high quality tungsten carbide cutting wheel.

**G051** Glass scorer each



## Glass Breaking Pliers



Very strong pliers designed to give trouble free long life in the production of ultramicrotome knives or for general glass breaking. They have an end mark on the jaws to line up with the score on the glass.

**G103** Glass breaking pliers each



## Watchmakers

The ultimate in quality, precision screwdrivers in a metal stand each screwdriver is colour coded in a numbered rotating head. Spare blades are stored in the base and are in blade widths 0.6mm to 3.0mm. There are 9 screwdrivers in the set and each has a rotating end cap to the handle for ease of use.

**S067** Watchmakers screwdriver set of 9 each

## Screwdriver Set - Flat Blade

A set of 6 high-grade metric screwdrivers with the following blade widths – 0.8mm, 1.4mm, 2.0mm, 2.4mm, 2.9mm and 3.8mm. Housed in plastic case. The screwdrivers have hexagonal non-roll tops, fixed steel blades set in fluted bodies for firm grip.

**S052** Screwdriver – flat blade, set of 6 each

## Screwdriver Set - Crosshead

A set of 6 crosshead, high grade screwdrivers with blade diameter 0.4mm, 0.7mm, 1.0mm, 1.5mm, 3.0mm and 3.5mm. Housed in plastic case. The screwdrivers have hexagonal non-roll tops fixed steel blades in fluted bodies for firm grip.

**S203** Screwdriver – crosshead, set of 6 each

## Jewellers Saw - Fixed

Precision steel saw with hardwood handle, use with S051 blades.

**S050** Jewellers saw – fixed each

## Jewellers Saw - Adjustable

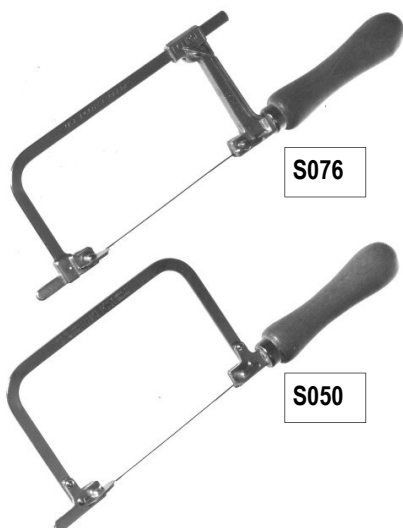
Precision steel saw with hardwood handle use with S051 blades. This saw has an adjustable frame to accept different lengths of blade – makes economical use of broken blades, otherwise thrown away.

**S076** Jewellers saw – adjustable each

## Spare Blades for Saw

Fine blades (44 teeth/inch) for delicate cutting of resin blocks etc. Can be used with both S050 and S076 Jewellers saws.

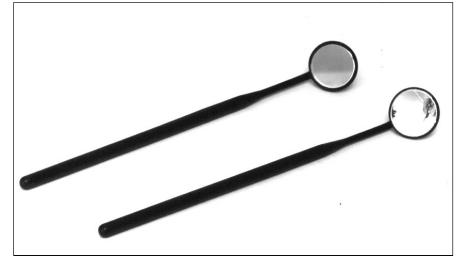
**S051** Spare blades per 10



## Inspection Mirrors

Completely insulated dental type mirrors. A one-piece steel handle is securely fixed to the shell and both are covered with a continuous thick layer of synthetic compound. Diameter of mirror 20mm. Length 165mm.

<b>M050</b>	Inspection mirror, plane	each
<b>M051</b>	Inspection mirror, concave (magnifying)	each



## Inspection Mirrors - Swivel

A well designed ball and socket joint allows a standard mirror and stem to be moved in many directions at the end of a 228mm tubular handle. Diameter of mirror 20mm. Length 254mm.

<b>M364</b>	Inspection mirror, swivel, plane	each
<b>M365</b>	Inspection mirror, swivel, concave (magnifying)	each



## Allen Keys - Set

Socket screw wrenches in holder. Two sets are available, Metric 1.5mm to 6mm, Imperial  $\frac{1}{16}$  to  $\frac{1}{4}$  inch

<b>A050</b>	Allen keys, metric, set of 6	each
<b>A051</b>	Allen keys, imperial, set of 8	each

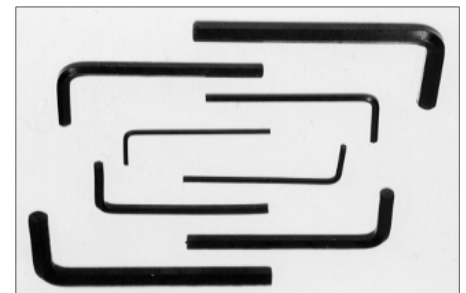


## Allen Keys - Loose

To replace lost, worn, twisted, broken or borrowed keys, there is available a range of individual keys in both imperial and metric sizes. The keys are top quality, key hardened and tempered in standard length series.

Sold in units of one key

<b>A073</b>	Allen key 1.5mm	<b>A074</b>	Allen key $\frac{1}{16}$ inch
<b>A073/1</b>	Allen key 2.0mm	<b>A074/1</b>	Allen key $\frac{5}{64}$ inch
<b>A073/2</b>	Allen key 2.5mm	<b>A074/2</b>	Allen key $\frac{3}{32}$ inch
<b>A073/3</b>	Allen key 3.0mm	<b>A074/3</b>	Allen key $\frac{1}{8}$ inch
<b>A073/4</b>	Allen key 4.0mm	<b>A074/4</b>	Allen key $\frac{5}{32}$ inch
<b>A073/5</b>	Allen key 5.0mm	<b>A074/5</b>	Allen key $\frac{3}{16}$ inch
<b>A073/6</b>	Allen key 6.0mm	<b>A074/6</b>	Allen key $\frac{7}{32}$ inch
		<b>A074/7</b>	Allen key $\frac{1}{4}$ inch



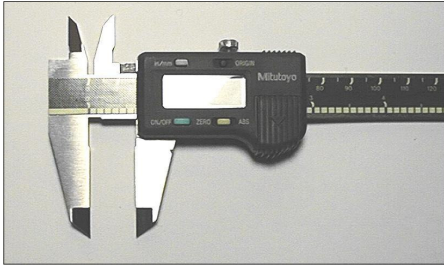
## Vernier Callipers

The finest of vernier callipers, stainless steel satin chrome finish, hardened throughout. This vernier calliper is perfect for inside, outside and depth measurement, with micro adjustment for ultimate accuracy. Vernier scale 0.001inch x 0.02mm.

<b>V053/150</b>	Vernier callipers, 6inch/150mm	each
<b>V053/200</b>	Vernier callipers, 8inch/200mm	each



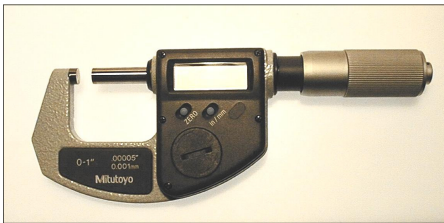
## Vernier Callipers - Digimatic



This vernier calliper combines the highest quality with the latest 'state-of-the-art' electronics. Outside, inside, depth and step measurements are read rapidly from the high contrast LCD display in either imperial or metric with resolution to 0.0005inch or 0.01mm.  
Instant inch/mm conversion: zero point at any position  
Power off switch  
Automatic wear compensation: Positive locking clamp

**V068/150** Vernier calliper – digimatic, 6inch/150mm each

## Micrometer - Digimatic



A lightweight electronic-micrometer with one-handed operation of the traditional micrometer linked to the advantaged of today's electronics. It has a resolution of 0.001mm or 0.0005inch and operates for about 2 years from a single silver oxide cell.  
Large bright clear LCD digital display: Instant inch/mm conversion  
Measurement hold key: Zero set in any position  
Flatness 0.3%*m*/Parallelism 1%*m*  
Power off switch  
Ratchet type barrel operation

**M134** Micrometer - digimatic, 0 - 1inch/0 - 25mm each

## Micrometer

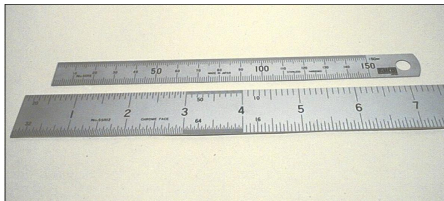


An economy high quality micrometer with enamelled frame of nodular cast iron. This micrometer is a precision instrument with a reading of 0.001inch or 0.01mm and is deal for general or student use.  
Ratchet type barrel operation  
Tungsten carbide anvils

**M135** Micrometer, imperial, 0 - 1inch each

**M136** Micrometer, metric, 0 - 25mm each

## Steel Rules



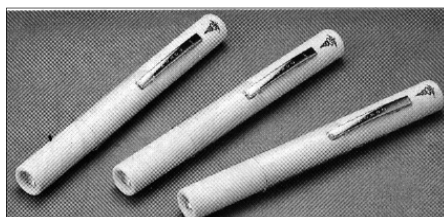
Precision, rustless steel rules – two sides – four edges. Subdivided inches in 16ths, 32nds, 64ths, 10ths, 20ths, 50ths, 100ths one side. Mm, 1/2mm figured every 10mm in mm other side. One round end.

Available in two sizes: Length 6inch/150mm width 12.5mm – flexible  
Length 12inch/300mm width 25mm

**R074** Steel rule - 150mm (6inch) flexible each

**R075** Steel rule - 300mm (12inch) each

## Pen Light - Disposable



A small lightweight pen light which clips onto a pocket. It is useful for illuminating small inaccessible areas of instruments. Pressing the clip switch activates the light.  
The pen light should be discarded when the battery runs out.

**P403** Pen light – disposable per 6



## Combination BA

A set of chrome vanadium steel spanners **0 to 6BA** with ring at one end, and open at other.

**T127** Combination BA spanner set



## Spanner 7 to 8BA

This dual open ended spanner compliments the combination BA spanner set (T127)

**T128** Spanner 7 to 8BA each



## Vacuum Vice

Removable soft rubber jaws covers 'V' grooved jaws for holding cylindrical and irregular shapes.

Multi-positional ball swivel allows vice working position to be varied. Powerful suction base allows greater portability and avoids the need for permanent fixing.

Jaw width: 3.00inch (75mm)

Jaw opening: 2.00inch (50mm)

Throat depth: 1.30inch (33mm)

**V072** Vacuum vice each



## Magnetic Jaws for Vice

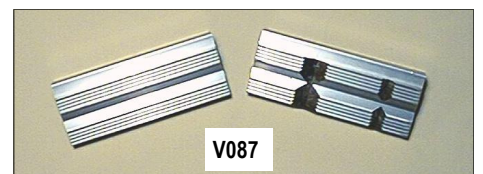
Magnetic jaws for **any** steel vice. Three types available: profiled aluminium with horizontal and vertical grooves to gently hold small objects, aluminium with fibre face and aluminium with rubber face.

Dimensions: 3 x 1/2 x 1/4 inch

**V087** Aluminium jaws, magnetic set of 2

**V088** Fibre faced jaws, magnetic set of 2

**V089** Rubber faced jaws, magnetic set of 2



## Bench Vice

This portable vice has a built-in clamp which allows it to be easily and quickly attached to a bench, table or work surface up to 40mm thick. A useful anvil is included on the rear of the body.

Jaw width: 3 inch (76mm)

Jaw opening: 2 inch (50mm)

Throat depth: 1.2 inch (31mm)

**V069** Bench vice each

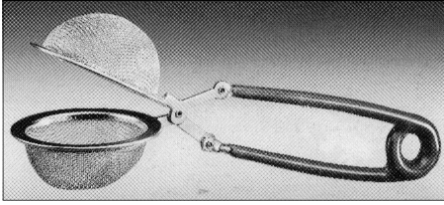


## Fibre Jaws for Bench

Designed for holding soft or plated workpieces and to provide a firm grip without fear of damage. Special fibre is more durable than other materials.

Dimension: 3 inch (75mm)

**V070** Fibre jaws for bench vice each



## Cleaning Basket

This stainless steel basket will hold small items safely and easily for cleaning. The basket is approx. 40mm diameter. Overall length 150mm.

**C275** Cleaning basket – components each

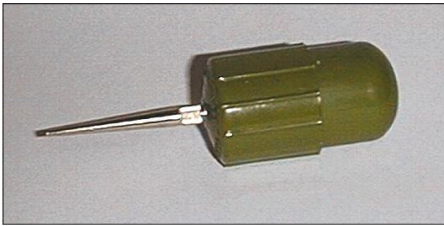


## Blowers *Simple blowers for dusting surfaces which should not be wiped.*

### Rubber Blower

Best quality rubber blower with non-return valve fitted to prevent suck-back. Fine metal nozzle.

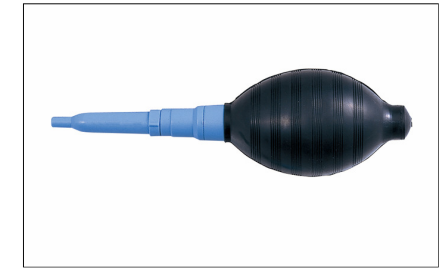
**B167** Blower – rubber each



### Plastic Blower

Plastic movement blower with long fine metal nozzle.

**B346** Blower – plastic each



### High Pressure Blower

The new compression valve design delivers 30 kPa (max.) of compressed air (2 to 3 times a normal blower) for quick dust cleaning.

An accessory extension nozzle permits access to hard-to-reach places.

Pump capacity 80 ml

Max. compression pressure 30 kPa

Overall length 180mm (280 mm: with extension nozzle attached)

Weight 45 g

**B420** High Pressure Hand Blower



## Knipex

High quality pliers with polished head, and box joint from special steel, oil hardened. PVC coated handles with return spring. Overall length 115mm.

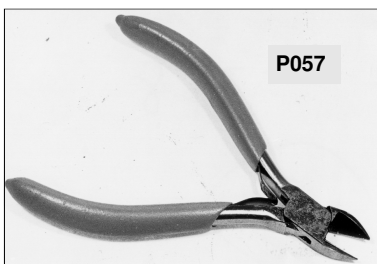
**P055** Knipex pliers, **flat** nosed each

**P056** Knipex pliers, **snipe** nosed each

## Knipex Diagonal Cutters

High quality strong cutters, with polished head, and box joint from special steel, oil hardened. PVC coated handles with return spring. Full flush cutting. Overall length 115mm.

**P057** Knipex diagonal cutters each



## Knipex Super

### (Cutting Pliers)

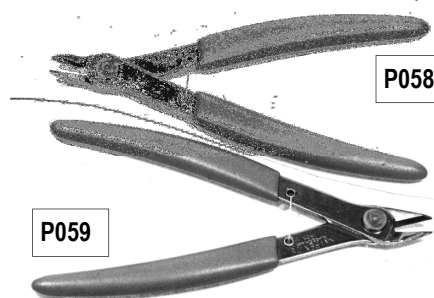
High quality, precision cutters. With polished head accurately shaped tips for cutting soft wires down to 0.2mm diameter. Long life cutting edges without bevel for flush cutting. Made from stainless steel with handles covered in a new cushioned plastic and with return spring. Both cutters are 125mm long.

Knipex super knips , narrow cutting tips for cutting soft wire 0.2mm to 1.2mm diameter.

**P058** Knipex super knips, narrow tips each

Knipex super knips, straight cutting jaws accurately shaped for flush cutting soft wire 0.2mm to 1.6mm diameter.

**P059** Knipex super knips, straight jaws each



## Lindström RX Series Diagonal Cutters

### Ergonomic ESD Dissipative

The RX range is manufactured from special steel with precision screw joint and lap-joint construction. All cutting edges are induction hardened to 63-65 HRC, for increased tool reliability and consistency. All models have a 3 position return spring (replaceable) to adjust the tool width and spring tension to suit individual hand sizes and strengths. Dual composition cushioned grip handles. ESD protection for conducting away static electricity, to European standard EN100 015.

Model RX8141 flush cutters, length of cut 10.5mm, cutting capacity - copper wire 0.10 to 1.25mm. Overall length 135mm.

**P230** Lindström 'RX' diagonal cutters each

Model RX8247 flush oblique cutters, 45° angle. length of cut 6.7mm, cutting capacity - copper wire 0.20 to 1.00mm. Overall length 135mm.

**P231** Lindström 'RX' oblique cutters each

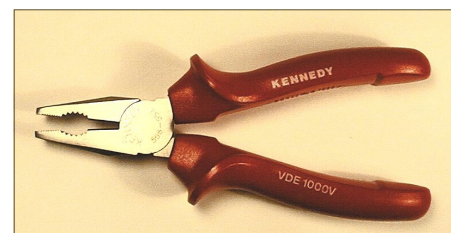
**P496** Spare torsion springs pk5



## Electricians Pliers

With pipe grip, side cutters and two joint cutters. Polished head. PVC handles insulated to withstand 1000 volts AC, 1500 volts DC.

**P233** Electricians pliers each



## De-Soldering Pump

This tool may be loaded and unloaded with one hand. The tip is replaceable, it is made of low resistance Teflon for long life. The spring loaded stroke and convenient size, together with the superior suction makes this a highly efficient unit, care and maintenance are reduced to a minimum because of the simple design and construction – only 3 separate pieces. Length 217mm, tip diameter 3.00mm



**P197** De-Soldering pump each

**P197/1** Replacement tip each



## Loctite Super Glue *Liquid*



One component room temperature curing cyanoacrylate glue. High performance, instant bonding, colourless, no shrinkage. Available in different pack sizes and methods of application.

- 1) Extra long nozzle is ideal for difficult applications, a pin moulded into the cap ensures the nozzle doesn't clog and is always ready for re-use, 5g pack
- 2) Ultimate control - combines high-tech design and outstanding performance together in a unique dispenser. Ergonomic grip and side buttons allows perfect control of the glue flow, with no run on. Special buttons prevent direct contact with the glue. Its new safety 'lift and lock' system avoids accidental leakage - 3g pack.
- 3) Brush-on applicator allows you to easily control the amount of glue, and to spread it perfectly over any size of surface. The bottle insert wipes excess glue from the brush and prevents spillage in the event that the bottle is knocked over, 5g pack.

L071	Loctite super glue- long nozzle	5g
L071/U	Loctite super glue - Ultimate control	3g
L071/B	Loctite super glue - Brush	5g

## Loctite Super Glue *Gel*



Similar to the L071 Super glue, but of a thick non-run gel for vertical, overhead or porous surfaces. Ideal for uses where super glue liquid would run. A pin moulded into the cap ensures the nozzle doesn't clog and is always ready for re-use, 3g pack  
The Ultimate control super glue gel has the same dispensing features as L071/U

L091	Loctite super glue gel	3g
L091/U	Loctite super glue gel - Ultimate control	3g

## Devcon 5 Minute Glue



Twin hypodermic dispenser is very convenient and eliminates the mess associated with epoxy glues and their dispensing. A fast setting clear (1:1 Ratio) epoxy bonding. Cures at temperatures down to 0°C

G064	Devcon 5 minute glue	each
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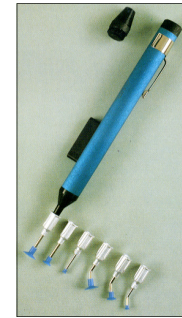
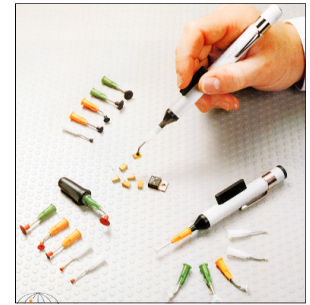
## PEN-VAC Pumpless Vacuum Tweezers

PEN-VAC is the only pumpless vacuum pick-up available. It is totally self-contained and requires no vacuum pump, tubes or separate attachments, making it ideal for carrying around the laboratory, factory or in field service applications. There is a wide range of probe heads and accessories for almost any application.

### PEN-VAC Original

PEN-VAC Original has blue anodized finish, is 5¾" (146mm) long with an integral storage compartment for vacuum cups and tips complete with six assembled probes and cups (three straight with large, medium and small cups, three angled with large, medium and small cups), or only one pair of probes (straight and angled) with the required cup size.

V097 PEN-VAC original



Penvac Original



Penvac ESD

### PEN-VAC ESD Static Safe

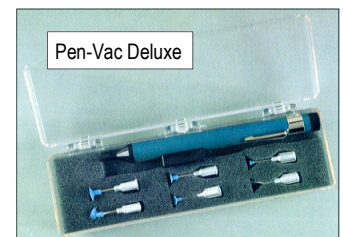
As PEN-VAC Original in a static safe version and clear aluminium finish.. Complete with set of conductive probes and black ESD safe cups. All relevant parts are conductive or non-static generating.

V098 PEN-VAC ESD static safe

### PEN-VAC Deluxe

As PEN-VAC Original with a complete set of probes and cups with the addition of a clear plastic box with all the components individually displayed

V099 PEN-VAC deluxe



### PEN-VAC Junior

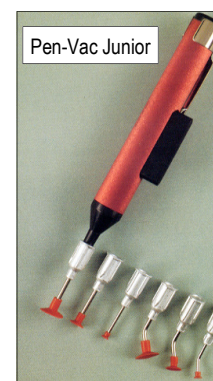
PEN-VAC Junior in cranberry anodized finish is 4¼" (103mm) long without an integral storage compartment. It can however, be supplied in the same configurations as Pen-Vac Original.

V100 PEN-VAC Junior

### PEN-VAC Junior ESD Static Safe

As PEN-VAC Junior but in clear aluminium finish with high temperature Black ESD Silicone Cups to handle temperatures up to 500°F for 1 minute.

V101 PEN-VAC Junior ESD



Pen-Vac Junior

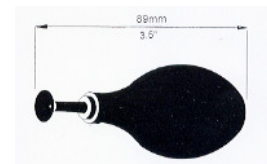


Pen-Vac Junior ESD

### BULB-VAC

A small, inexpensive rubber bulb based suction tool with a choice of probes and cups

V102 BULB-VAC



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