

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							

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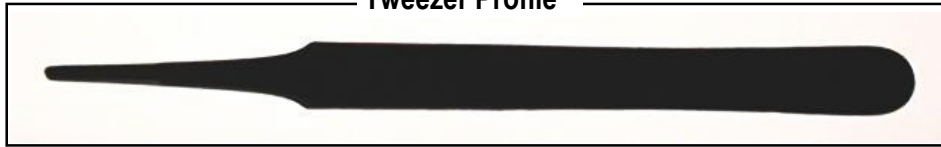
Tweezers & Small Tools

Tweezer Type 2A

Tip Profile



Tweezer Profile



Tweezer	TIP Dimensions(mm)				
Grade	Width	Thickness	Overall tweezer length		
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	
Manufacturer	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	TIP Dimensions(mm)				
Grade	Width	Thickness	Overall tweezer length		
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	
Manufacturer	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 Grade	TIP Dimensions(mm)		Overall tweezer length
	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						
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 Grade	TIP Dimensions(mm)		Overall tweezer length
	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

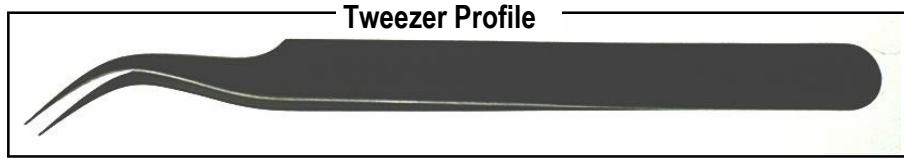


Tweezer Grade	TIP Dimensions(mm)		Overall tweezer length
	Width	Thickness	
Biology	0.07	0.03	115mm
High Precision -s/steel	0.17	0.10	
High Precision -carbon	0.13	0.08	
Electronic	0.24	0.16	

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology		Med/ Biology Polished	
	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB	Dumont	TAAB
Carbon			T050	T151						
Carbon-Epoxy coated				T155						
Stainless Steel	T085	T145	T425	T346			T339			
S/Steel - Epoxy coated					T092					
Stainless Steel -Anti-mag	T088	T148	T426							
Dumostar	T387		T381							
S/ Steel -A/mag Teflon coated				T437						
S/Steel -A/mag Gold plated tips										
Titanium - A/mag for nickel grids	T549									

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)		Overall tweezer length
Grade	Width	Thickness	
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)		Overall tweezer length
Grade	Width	Thickness	
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)		Overall tweezer length
Grade	Width	Thickness	
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	TIP Dimensions(mm)			Overall tweezer length
Grade	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	TIP Dimensions(mm)			Overall tweezer length
Grade	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	TIP Dimensions(mm)			Overall tweezer length
Grade	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						

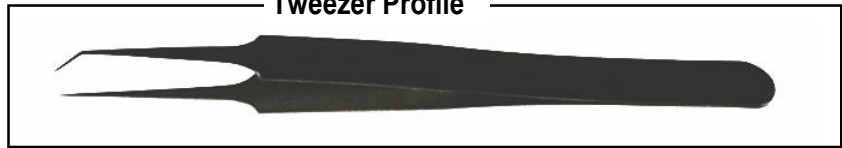
Tweezer Type 5AC

Anti-Capillary Tweezers

Tip Profile



Tweezer 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	
	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 Profile



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

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

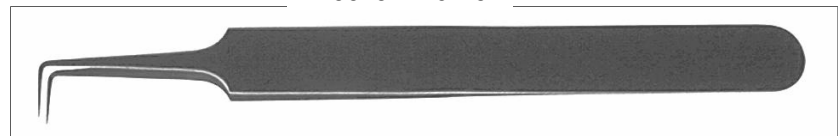
Tweezer Type 5/90

Angled 90°

Tip Profile



Tweezer Profile



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

Tweezer Quality	Biology		High Precision		Electronic		Medical Biology	
	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

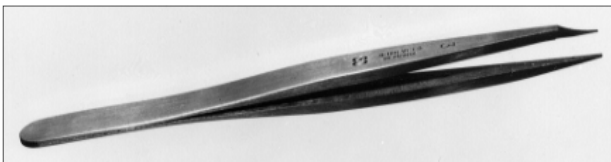


A long straight tweezer with serrated tips, this electronic grade stainless steel tweezer has a polished finish. Length 150mm

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

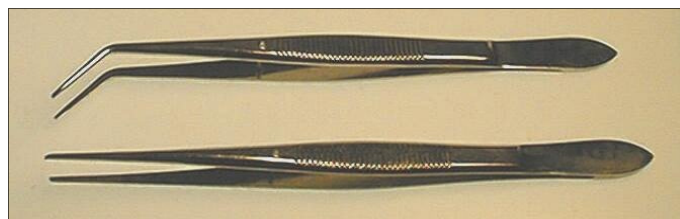
Tweezers with curved or flat serrated tips. Nickel plated tweezer with register pin. Length 145mm or 165mm.

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

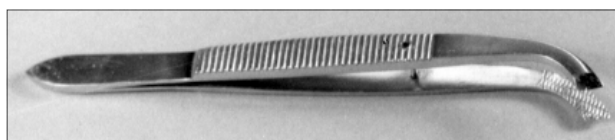
T334 Perry tweezer, curved tips each



Entomological Forceps

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

T196 Entomological forceps each



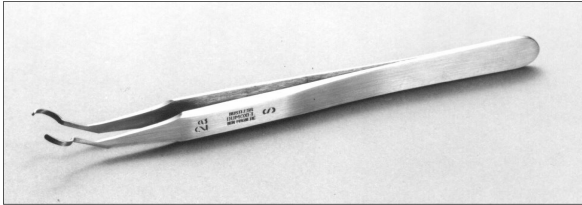
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Tweezers & Small Tools

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 1/2



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

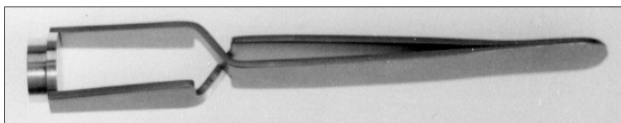
Type 2E 1/4



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

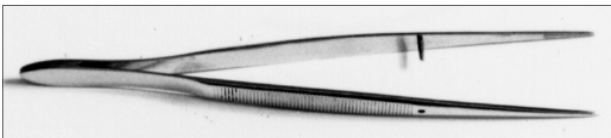


Tweezers specially modified for handling 15mm diameter Hitachi specimen stubs. These tweezers enable complete handling up to and including the screwing on and off of stub from holder.

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.

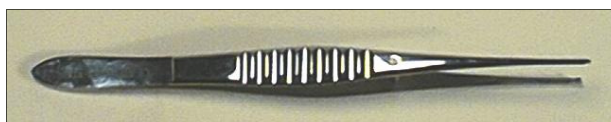
T114 Spring forceps, narrow, curved each

Spring Forceps - Rat Tooth



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

T115 Spring forceps, rat tooth each



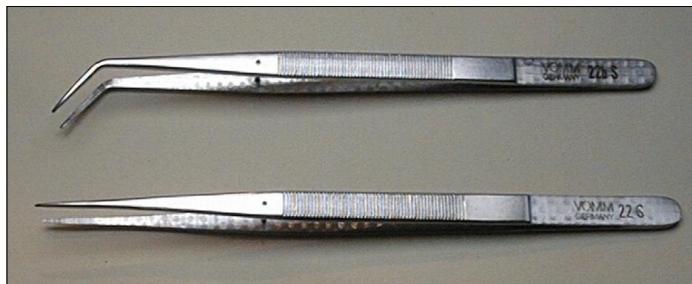
Iris, very fine, narrow flutes with 1/2 teeth, stainless steel, 115mm long

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.

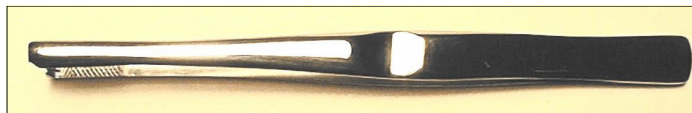
- T347** Forceps SS angled /point serrated L155mm each
T348 Forceps SS straight/point serrated L155mm each



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

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

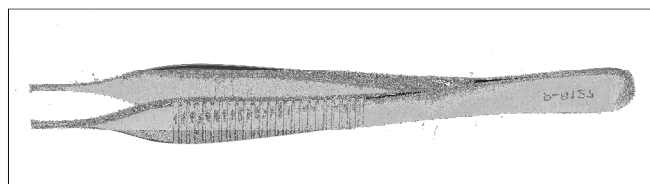
- T503** Forceps, sharp, 150mm each



Forceps - Adson

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

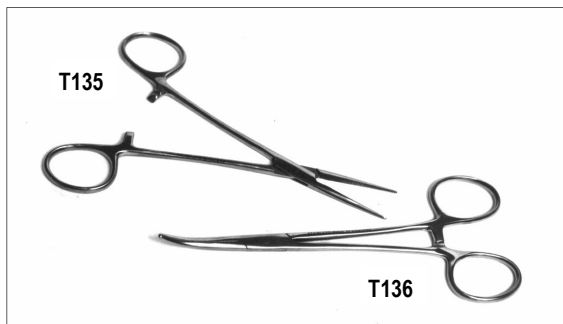
- T504** Forceps, Adson, serrated, 125mm each
T505 Forceps, Adson, 1/2 tooth, 128mm each



6

Tweezers & Small Tools

Forceps - Crile



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

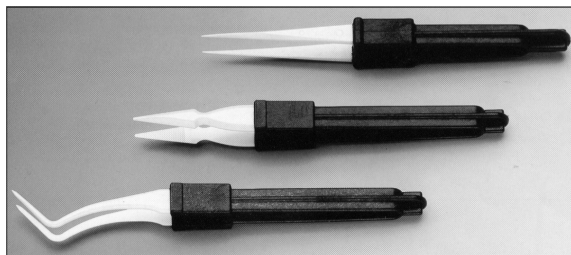
- | | | |
|-------------|-------------------|------|
| T135 | Forceps, straight | each |
| T136 | Forceps, curved | each |

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 - 1×10^{12} .

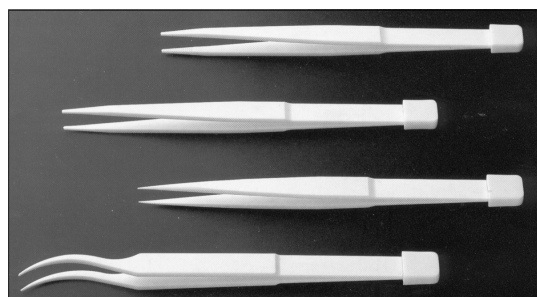
T517

- | | | |
|-------------|---|------|
| T514 | Tweezer ceramic, sharp fine point | each |
| T515 | Tweezer ceramic, strong f/point, <i>serrated</i> grip | each |
| T516 | Tweezer ceramic, sharp f/point, <i>serrated</i> grip | each |
| T517 | Tweezer ceramic, strong blunt point | each |
| T518 | Tweezer ceramic, type 2A, <i>serrated</i> grip | each |

T518

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.



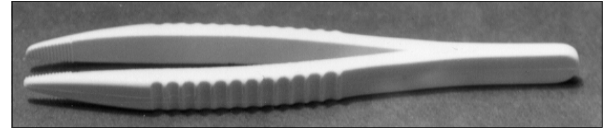
- | | | |
|-------------|--|------|
| T478 | Tweezer ceramic - straight precision tips | each |
| T479 | Tweezer ceramic – curved type 7a | each |
| T480 | Tweezer ceramic – straight 1mm tip, serrated | each |
| T481 | Tweezer ceramic – straight 1mm tip, smooth | each |

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

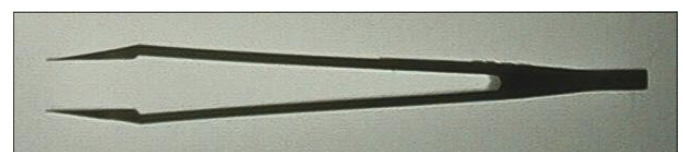
T489 Delrin tweezers, flat tips, 9.0mm wide each

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

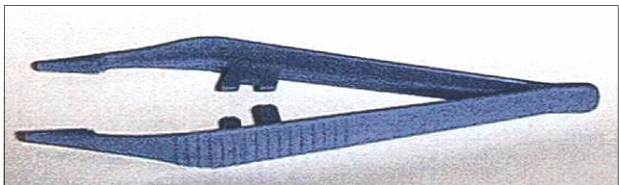
T493 Polyethylene tweezers, flat tips, 12.0mm wide each



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.

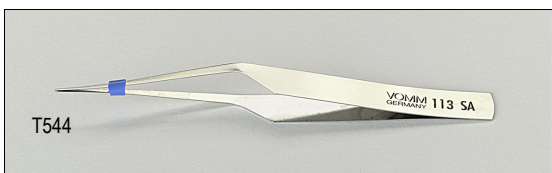
T507 Curved 0.5mm tip Delrin tweezer each



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



T545

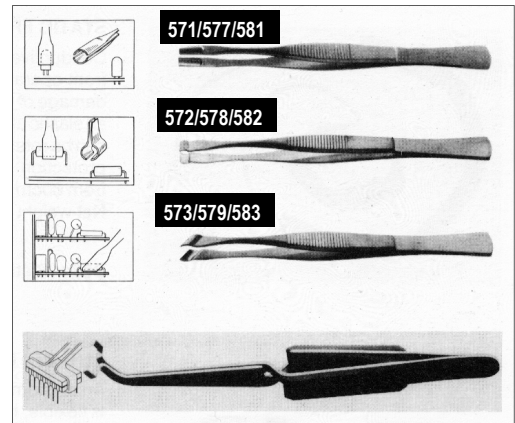
A broad tip is sometimes preferable for some applications. This tweezer has a rounded blunt Tip, 100mm length x 0.12mm (0.035") Thickness. Extremely low force stainless steel, anti-magnetic & acid resistant.

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

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.

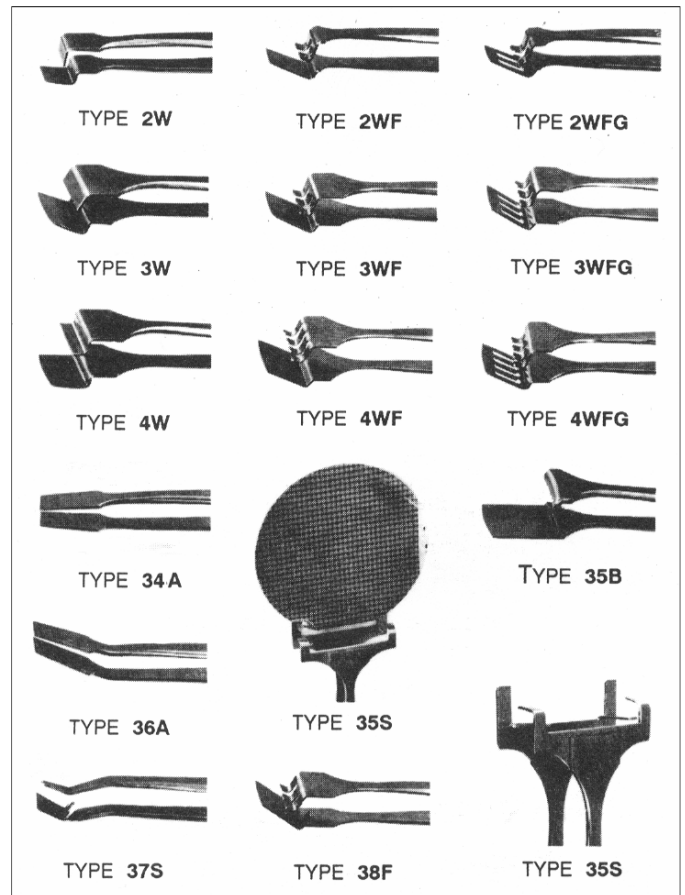
T306	Tweezer, component handling, type 571	each
T307	Tweezer, component handling, type 577	each
T308	Tweezer, component handling, type 572	each
T309	Tweezer, component handling, type 579	each
T310	Tweezer, component handling, type 573	each
T311	Tweezer, component handling, type 578	each
T327	Tweezer,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



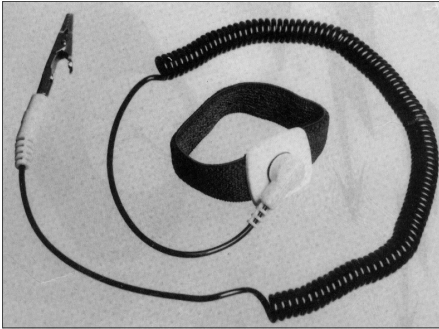
Specialised Wafer Handling Tweezers

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

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



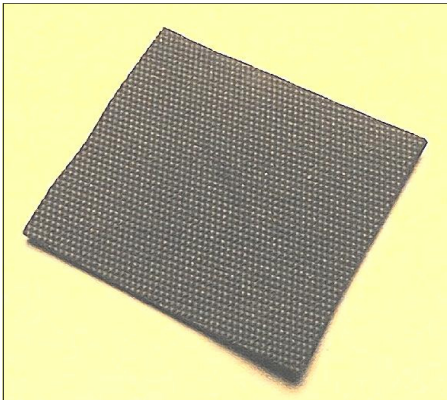
Static-Free Wrist Strap



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 Mat



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.

A072 Anti static mat, 1 metre wide per metre

TWEEZER ACCESSORIES

O-Rings

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

T103 O-Rings for tweezers per 20

Plastic Boots

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



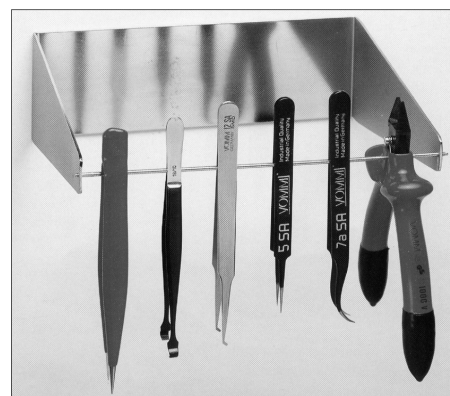
Tool Servant

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



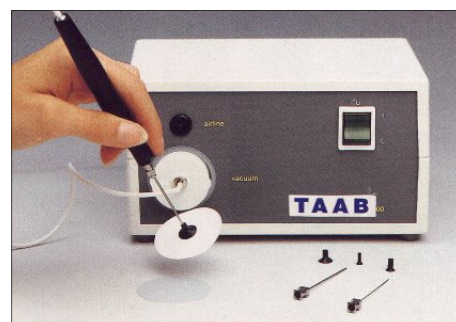
Vacuum Tweezer

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 Stone

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

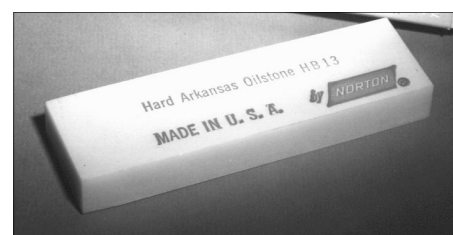


Bonded Stones - a silicon carbide stone will sharpen a cutting edge quicker than an aluminium oxide stone, but the resulting edge will not last as long and will not be as precise. Dimension: 6 x 2 x 1 inch.

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 - Bergeon



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

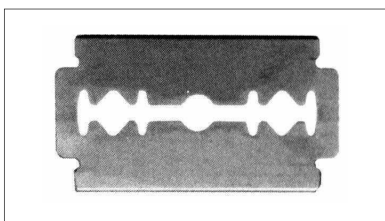
Section Lifter



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

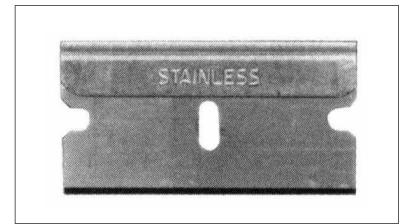
BLADES – Single Edge

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.

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

Also available is a Teflon coated Grade 1 Blade

B301	Single edge grade 1 Teflon coated stainless steel blade	100
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Blades - Heavy Duty

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.

B146	Single edge heavy duty grade 2 carbon steel blades	100
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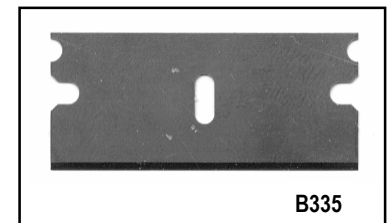


BLADES - Single Edge - unbacked

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.

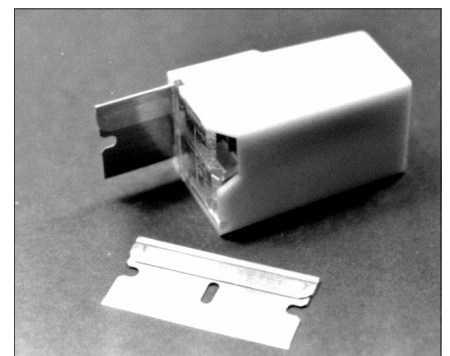
B335/1	Single edge blade <i>without</i> backing	1000
B335	Single edge blade w/o backing in dispenser	100
B335/RF	Single edge blade w/o backing, refill	100
B336/1	Single edge blade <i>without</i> notches and backing	1000



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.

B147	Single edge blades in dispenser	each
B147/1	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**.

B294	Blades – injector style stainless steel	100
B294/RF	Blades - injector s/steel refill	100
B294/1	Blades – injector style stainless steel	1000
B210	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 Razor



Stainless steel blade housed in a black handle.

B254 Section razor, stainless steel each

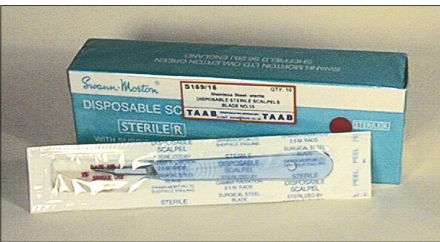
Scalpels - Solid



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 Scalpels



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.



S324



S325

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

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Scalpel Handles and Blades

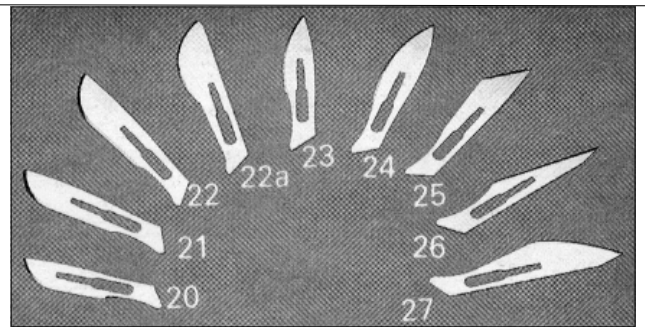
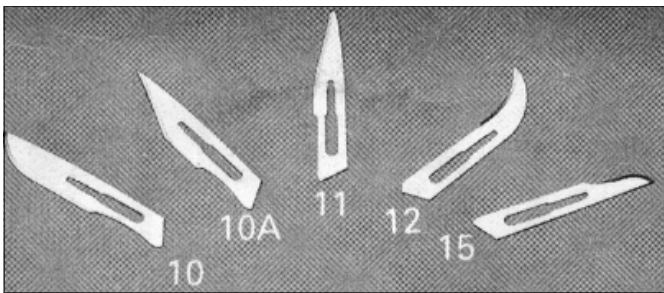
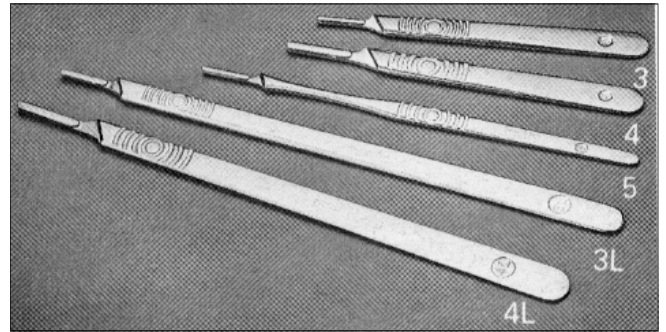
A wide selection of handles is available to hold replaceable blades.

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

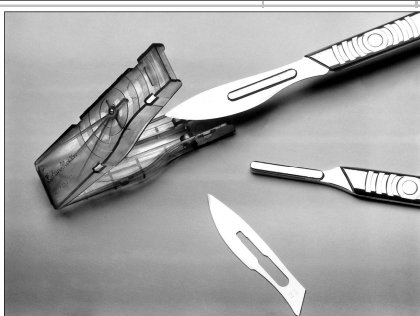
The surgical blades are either **carbon steel, non-sterile** foil packed in units of 5 (20 units of 5 to a 100 pack) or stainless steel, **sterile**, boxed in 100's individually foil-wrapped.

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



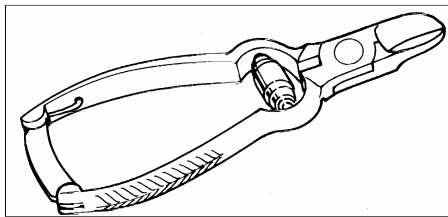
Post-mortem knife with heavy-duty carbon steel blade. Screw-type fitting to either a die-cast handle or autoclavable solid-cast stainless steel handle.

Type PM40 blades, boxed in 10's.

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

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

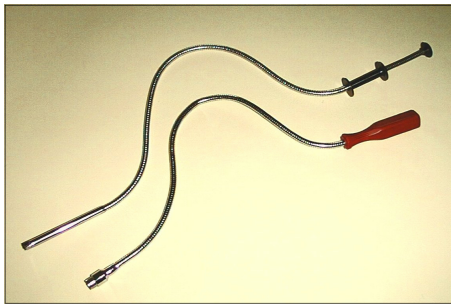
Bone Cutter



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

C281	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.

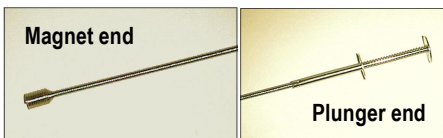
CLASP: Jaws are spring loaded and open to 15mm (10mm square closed). The jaws are opened from the handle end by a bell push button.

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

T129	Clasp pick-up	each
T130	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.



T512	Magnetic pick-up, activated mag/field	each
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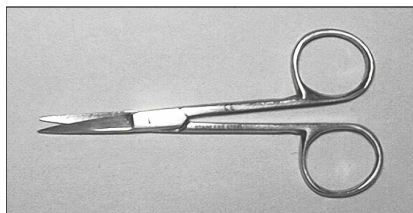
Scissors - Various



Surgical Scissors

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

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



Microscopic Scissors

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

S370	Scissors, microscopic, stainless steel	each
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Dissecting Scissors

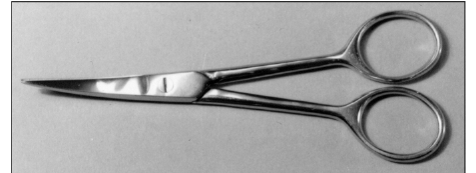
Open shanks, dissecting scissors with **sharp points**, stainless steel, 112, 125 or 150mm long.

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



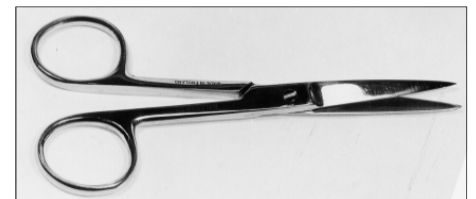
Open shanks, dissecting scissors, **curved on flat**, stainless steel, 112 or 150mm long.

- 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.

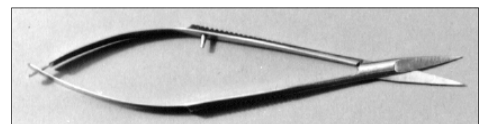
- S342 Scissors, dissecting, fine points, s/steel each



Springbow Dissecting Scissors

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

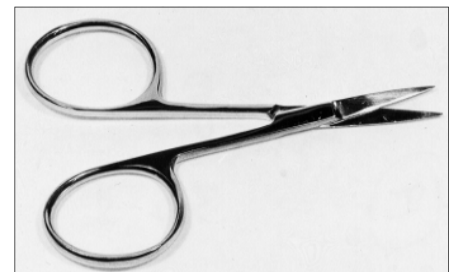
- S213 Spring dissecting, straight, 110mm long each
- S274 Spring dissecting, **curved**, 100mm long each



Iris Scissors

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

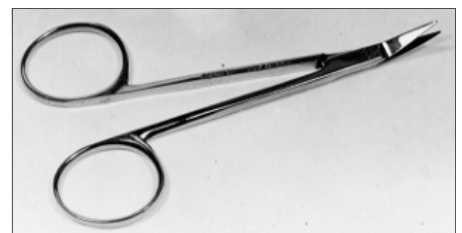
- S073 Scissors, iris, 95mm each
- SS073/114 Scissors, iris, 114mm each



Angled Scissors

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

- S074/1 Scissors, angled, stainless steel each



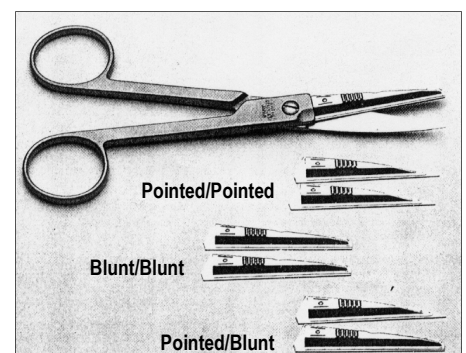
Scissors Type 145 - with Exchangeable Blades

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.

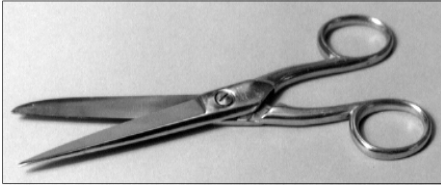
Benefits are:-

- ◆ 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.

S202	Scissors, general purpose, 175mm	each
S368	Scissors, general purpose, 150mm	each
S369	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.

S130	Scissors, universal, stainless steel	each
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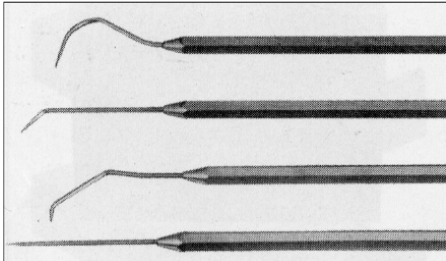
Set of Probes



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.

T116	Probes, fine	each
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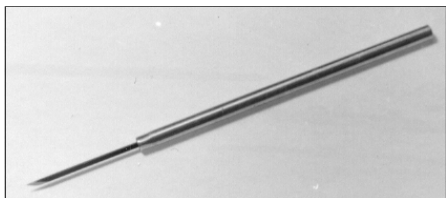
Set of Shaped Probes



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.

T198	Probes, shaped, fine	set 4
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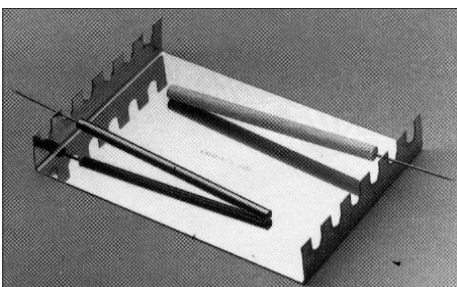
Borrodaile Needle



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

T197	Borrodaile needle	each
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Needle Stand



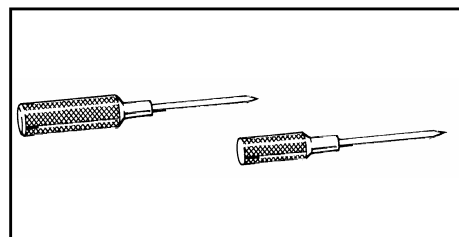
A stainless steel stand with 6 slots at each end to rest needles, brushes etc.

T362	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.

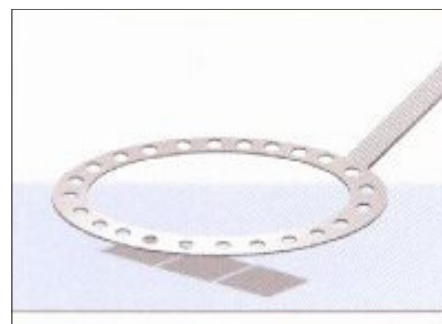
T358	Dissecting awl - large	pair
T359	Dissecting awl - small	pair



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).

L138	Perfect loop, EM set	each
L141	Replacement EM loop only	each
L142	Perfect loop, EM handle	each

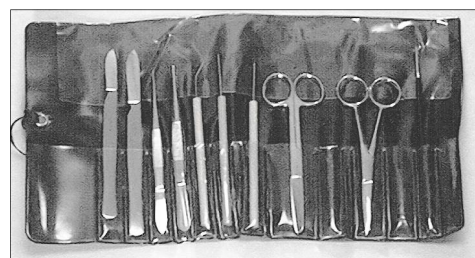


Dissecting Sets

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).

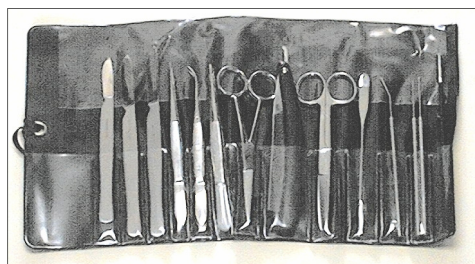
D078	Dissecting set - basic 10 piece	each
D078/S	Dissecting set - 10 piece, loose blades	each



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).

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



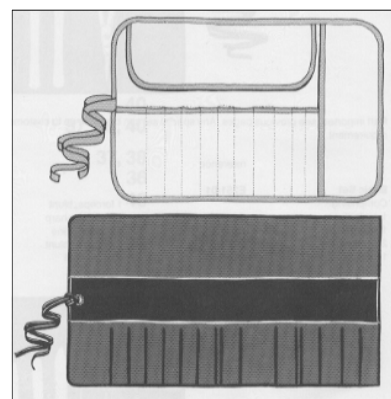
Options:

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 Rolls

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

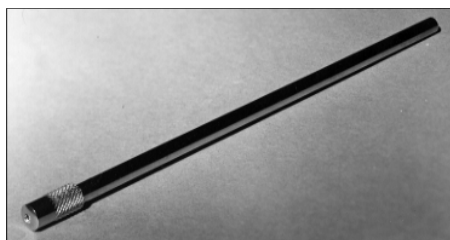
T360	Dissecting roll - canvas	each
T361	Dissecting roll - PVC	each



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.

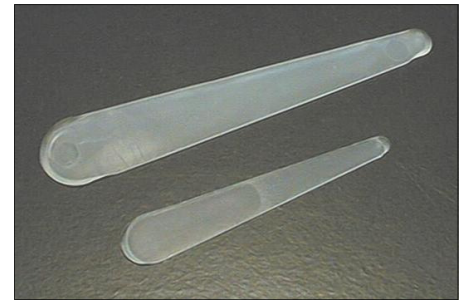
T356 Spatula. Nuffield pattern each



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 Diamonds - Diamond Scribes

Pen type natural diamond precision scribes 0.8mm dia. brazed on tool steel shaft. Removable cover to tip. For marking glass, ceramics, silicon, metals and plastics.

W078 Writing diamond 60° for very fine marking & engraving. Body dia. 7.5mm, total length 150mm. Knurled, coated steel body for excellent grip

W078/90 Writing diamond 90° for coarser work and scribing silicon wafers prior to cleaving. 7.5mm wide, 150mm long. Knurled steel body as above



W078 & W078/90

W078/120 Ballpoint style diamond scribe with retractable tip for tougher applications with stronger 120° tip. Diamond is on 0.8mm dia. On 3mm tool steel shaft. 11mm dia. x 140mm nickel plated metal body with *spring loaded retraction*



W078/120

Tungsten Carbide Tipped Scriber

Pen type carbide tipped scriber intended for marking steel, brass, aluminium, copper etc, sample mounts, embeddings and parts. Can be used to scribe glass. Equally useful for wafer scribing or marking. Sharp 45° tungsten carbide tip on a 3.175mm shaft. Body dia. 7.5mm, total length 150mm. Knurled, coated steel body for excellent grip.



W078/T

W078/T Tungsten carbide tipped pen type scriber 150mm
W078/R Replacement tungsten carbide tip 45° on 3.2mm shaft, length 32mm



W078/R

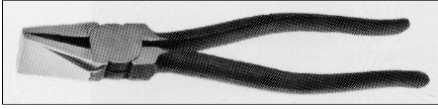
Glass Scorer

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 Screwdrivers

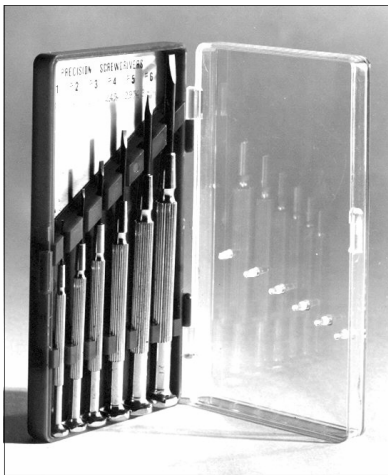
The ultimate in quality, precision screwdrivers in a metal stand each screwdriver is colour coded in a numbered rotating head. Spare blades are stored in the base and are in blade widths 0.6mm to 3.0mm. There are 9 screwdrivers in the set and each has a rotating end cap to the handle for ease of use.

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

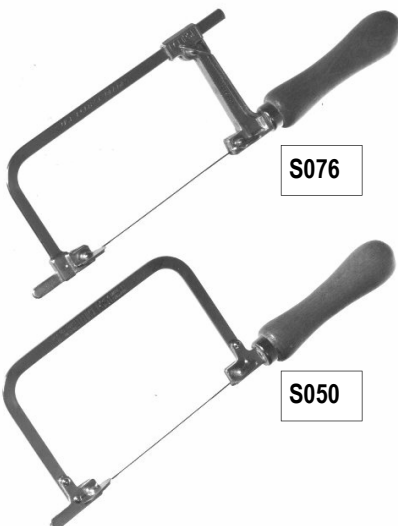
Precision steel saw with hardwood handle use with S051 blades. This saw has an adjustable frame to accept different lengths of blade – makes economical use of broken blades, otherwise thrown away.

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



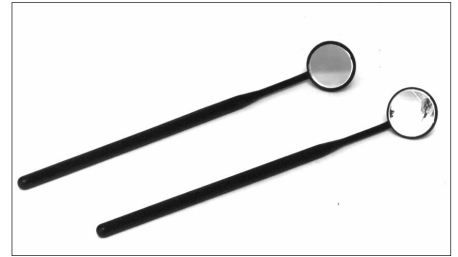
S076

S050

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.

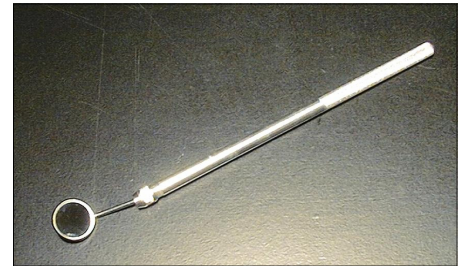
M050	Inspection mirror, plane	each
M051	Inspection mirror, concave (magnifying)	each



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.

M364	Inspection mirror, swivel, plane	each
M365	Inspection mirror, swivel, concave (magnifying)	each



Allen Keys - Set

Socket screw wrenches in holder. Two sets are available, Metric 1.5mm to 6mm, Imperial 1/16 to 1/4 inch

A050	Allen keys, metric, set of 6	each
A051	Allen keys, imperial, set of 8	each

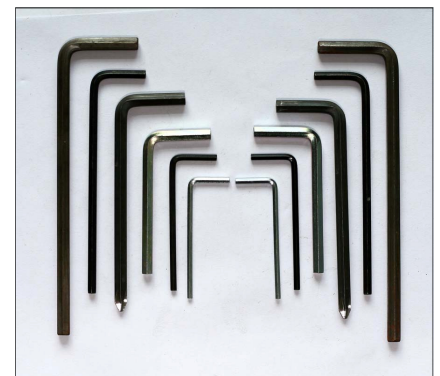


Allen Keys - Loose

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

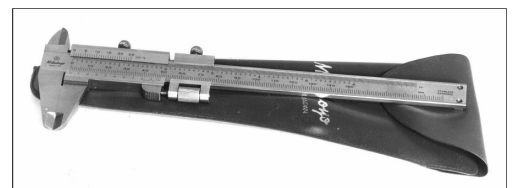
A073	Allen key 1.5mm	A074	Allen key 1/16 inch
A073/1	Allen key 2.0mm	A074/1	Allen key 5/64 inch
A073/2	Allen key 2.5mm	A074/2	Allen key 3/32 inch
A073/3	Allen key 3.0mm	A074/3	Allen key 1/8 inch
A073/4	Allen key 4.0mm	A074/4	Allen key 5/32 inch
A073/5	Allen key 5.0mm	A074/5	Allen key 3/16 inch
A073/6	Allen key 6.0mm	A074/6	Allen key 7/32 inch
		A074/7	Allen key 1/4 inch



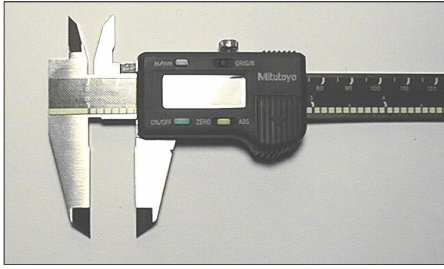
Vernier Callipers

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.

V053/150	Vernier callipers, 6inch/150mm	each
V053/200	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.

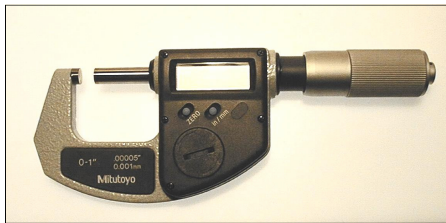
Instant inch/mm conversion: zero point at any position

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% μ m/Parallelism 1% μ 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.

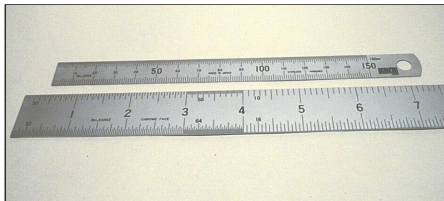
Ratchet type barrel operation

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 Spanners

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

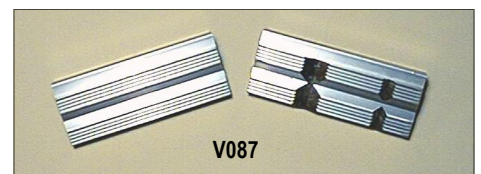


Magnetic Jaws for Vice

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 Vice

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

6

Tweezers & Small Tools

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 Pliers

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 Knips

(Cutting Pliers)

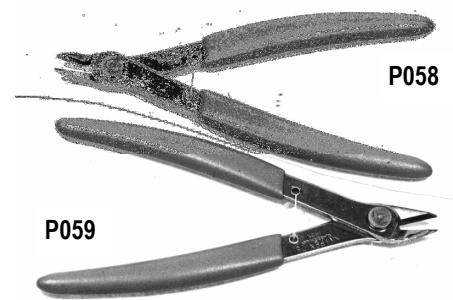
High quality, precision cutters. With polished head accurately shaped tips for cutting soft wires down to 0.2mm diameter. Long life cutting edges without bevel for flush cutting. Made from stainless steel with handles covered in a new cushioned plastic and with return spring. Both cutters are 125mm long.

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

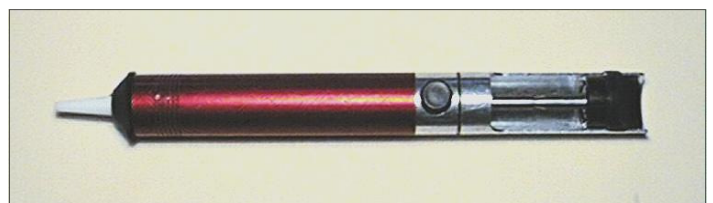
With pipe grip, side cutters and two joint cutters. Polished head. PVC handles insulated to withstand 1000 volts AC, 1500 volts DC.

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

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

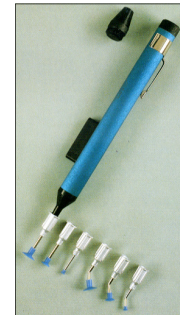
As PEN-VAC Junior but in clear aluminium finish with high temperature Black ESD Silicone Cups to handle temperatures up to 500°F for 1 minute.

V101 PEN-VAC Junior ESD

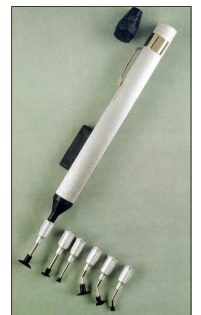
BULB-VAC

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

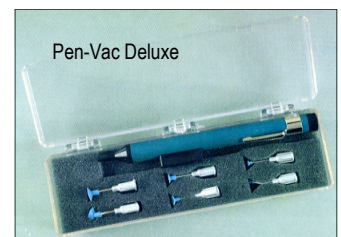
V102 BULB-VAC



Penvac Original



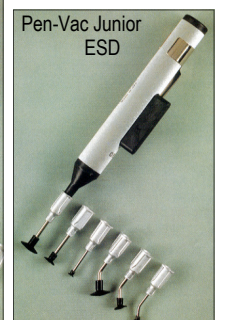
Penvac ESD



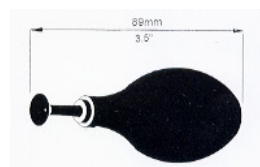
Pen-Vac Deluxe



Pen-Vac Junior



Pen-Vac Junior ESD



6

Tweezers & Small Tools

Smart™ Tweezers

for measuring electronic component's capacitance, resistance and inductance

Smart tweezers is a handheld LCR meter of a new concept designed into a set of tweezers. The Smart Tweezers feature a unique, patented mechanical and electronic design that integrates a highly accurate digital multimeter with built-in high precision SMD probes and a display. The lightweight (29gm) gold-plated (on stainless steel) tweezers are powered by a rechargeable Li-On battery with a micro USB charger connector.



Smart Tweezers ST5S Features

Automatic Component Recognition	√
L,C,R Measuring Modes	√
ESR Measuring Mode	√
Z Measuring Mode	√
Diode Testing	√
DCR Measuring Mode	√
Component Sorting	√
Manual Test Frequency Override	√
Variable Test Signal Level	√ (0.5, 1.0 VRMS)
Automatic Offset Subtraction	√
Individual Calibration Certificate	√
Individual Calibration Certificate	√
High-Visibility OLED Display	√
Typical Accuracy: Resistance	0.2%
Typical Accuracy: Capacitance	0.5%
Typical Accuracy: Inductance	0.5%
Gold-plated Test Leads	√
Calibration and calibration certificate	√

T579 Smart Tweezers™ ST-5S straight tips
T579B Smart Tweezers™ ST-5S bent tips

each
 each

T580 Replacement gold plated straight tips
T580B Replacement gold plated bent tips

each
 each



High Precision S/S Scissors



TAAB Swiss made high precision scissors made to the most exacting standards. Manufactured from Inox, which is a corrosion resistant stainless steel with a minimum of 11% chromium content.

- S707** 361 **curved** extra fine blade 9cm long ideal for miniature or detail work
- S707/1** 361 **straight** extra fine blade 9cm long ideal for miniature or detail work
- S708** 362 **curved** extra fine thinner blade than S707 for very close tolerance cutting
- S708 /1** 362 **straight** extra fine thinner blade than S707 for very close tolerance cutting
- S709** 363 **curved** heavy duty round blade miniature HP scissors 9cm long HP for general use
- S710** 364 **curved** HP scissors with extra fine blade ideal for delicate applications where small, strong blades are required
- S711** 365 **straight** HP scissors 9cm long, round tips. A heavy duty miniature scissor for general use
- S712** ESD **Ceramic Tips** Scissors, Silicone and Chloride Free. Suitable for strong chemical environment applications, high temperature soldering (1400°C). Handles made of stainless steel. 11.5 cm long.



A New Range of Swiss High Precision Tweezers

High quality anti-magnetic, stainless steel tweezers for EM and all fine or special applications in microscopy.

All tweezers have smooth edges and a superior matt finish to reduce glare. They are made from a special low carbon, high strength stainless steel exhibiting good corrosion resistance to salts, low concentrate acids, solvents, oils and greases. Although anti-magnetic it is best to use titanium or plastic tweezers in strong magnetic fields.

		Length	Tip size W X H
			
T621	Type 00.AM high precision tweezers type 00, strong tips, anti-magnetic stainless steel	120mm	0.85 x 0.4mm
			
T622	Type 1.AM high precision tweezers, type 1 strong fine tips, anti-magnetic stainless steel	120mm	0.2 x 0.1mm
			
T623	Type 2.AM high precision tweezers, type 2 flat, sharp fine tips, anti-magnetic stainless steel	120mm	0.18 x 0.15mm
			
T624	Type 2A.AM high precision tweezers type 2A, flat, accurate round tips, anti-mag stainless steel	120mm	1.9 x 0.18mm
			
T625	Type 3.AM high precision tweezers type 3, very sharp fine tips, anti-magnetic stainless steel	120mm	0.15 x 0.1mm
			
T626	Type 3C.AM HP tweezers type 3C, short, very sharp fine tips, anti-magnetic stainless steel	110mm	0.15 x 0.1mm
			
T627	Type 4.AM high precision tweezers type 4, very sharp fine tips, anti-magnetic stainless steel	110mm	0.1 x 0.06mm
			
T628	Type 5.AM high precision tweezers type 5, extra fine straight tips, anti-magnetic stainless steel	110mm	0.07 x 0.02mm
			
T629	Type 5B.AM high precision tweezers type 5B extra fine bent tips, anti-magnetic stainless steel	110mm	0.07 x 0.02mm
			
T630	Type 5AC.AM HP tweezers type 5AC anti-capillary, extra fine bent tips, anti-magnetic stainless steel	110mm	0.07 x 0.02mm
			
T631	Type 6.AM HP tweezers type 6, angled, short, strong tips, anti-magnetic stainless steel	115mm	0.1 x 0.1mm



T632 Type 7.AM HP tweezers **type 7**, very fine curved tips, anti-magnetic stainless steel

Length

Tip size W x H

115mm

0.1 x 0.06mm

T633 **Boxed set** of High Precision S/S Anti-Magnetic Tweezers in a plastic wallet with hard foam protective insert for convenient use and safe storage. Set includes:

- Type 00
- Type 2A
- Type 3C
- Type 5
- Type 7



A New Range of Swiss Titanium Tweezers

These **high precision titanium tweezers** are Swiss made, precision engineered, high quality tweezers with smooth edges and a superior matt finish to reduce glare. They are made from tough, strong and lightweight titanium Grade 1. Titanium exhibits good corrosion resistance to salts, low concentrate acids, solvents, oils and greases. Titanium is **fully non-magnetic**, has a high strength to weight ratio making it an excellent choice for precision repetitive tasks and a high melting point so it can be used up to 870°C. It is bio-compatible thus maintaining cell integrity in biology, medical and histology and good wear resistance so is clean room compatible. It is cold formable and has high ductility – ideal for handling brittle materials like silicon or glass.



T634 Type 1.TI high precision tweezers **type 1**, strong fine tips, titanium, non-magnetic

Length

Tip size W x H

120mm

0.3 x 0.2mm



T635 Type 2A.TI HP tweezers **type 2A**, flat, accurate round tips, titanium, non-magnetic 120mm

1.9 x 0.18mm



T636 Type 3.TI high precision tweezers **type 3**, very sharp, fine tips, titanium, non-magnetic

120mm

0.22 x 0.16mm



T637 Type 3C.TI HP tweezers **type 3C**, short, very sharp, fine tips, titanium, non-magnetic

110mm

0.22 x 0.16mm



T638 Type 4.TI high precision tweezers **type 4**, very sharp, fine tips, titanium, non-magnetic

110mm

0.2 x 0.15mm



T639 Type 5.TI high precision tweezers **type 5**, extra fine, straight tips, titanium, non-magnetic

110mm

0.2 x 0.15mm



T640 Type 7.TI high precision tweezers **type 7**, very fine, curved tips, titanium, non-magnetic

115mm

0.22 x 0.2mm

T641 **Boxed set** of High Precision Titanium tweezers in a plastic wallet with hard foam protective insert for convenient use and safe storage. Set includes:

- Type 1, Type 2A, Type 3C, Type 5, Type 7



6

Tweezers & Small Tools

New Swiss Stainless Steel Reverse Action Tweezers

Stainless steel, high precision self closing tweezers. Smooth edges and superior matt finish to reduce glare. Made from low carbon high strength S/S. Gentle but secure closing action, good corrosion and acid/solvent resistance and very hard wearing.



T642 2AX.AM high precision reverse action tweezers **type 2A**, flat accurate round tips, anti-magnetic S/S 120mm 1.9 x 0.18mm



T643 3X.AM high precision reverse action tweezers **type 3**, very sharp, fine tips, anti-magnetic S/S 120mm 0.15 x 0.12mm



T644 4X.AM high precision reverse action tweezers **type 4**, very sharp, fine tips, anti-magnetic S/S 110mm 0.12 x 0.12mm



T645 5X.AM high precision reverse action tweezers **type 5**, extra fine, straight tips, anti-magnetic S/S 110mm 0.1 x 0.12mm



T646 5ACX.AM H/P reverse action tweezers **type 5ACX**, anti-capillary, extra fine tips, anti-magnetic S/S 120mm 0.12 x 0.15mm



T647 7X.AM H/P reverse action tweezers **type 7**, very fine curved tips, anti-magnetic S/S 115mm 0.1 x 0.15mm

Swiss Stainless Steel Extra Length High Precision Slim Tweezers



T648 60.AM High Precision slim tweezers **type 60**, very fine sharp tips, anti-magnetic S/S 140mm 0.12 x 0.1mm



T649 65A.AM High Precision slim tweezers **type 65A**, sharp bent tips, anti-magnetic S/S 140mm 0.12 x 0.12mm



T650 SS.AM High Precision slim tweezers **type SS**, fine, sharp tips, anti-magnetic S/S 140mm 0.15 x 0.1mm



T651 SS6.AM High Precision slim tweezers **type SS6**, fine, sharp tips, anti-magnetic S/S 153mm 0.15 x 0.1mm



T652 SSF.AM High Precision slim tweezers **type SSF**, fine tips, anti-magnetic S/S 140mm 0.15 x 0.16mm

Swiss Stainless Steel Super Alloy High Precision Tweezers

High precision, **super alloy**, Swiss made precision engineered, tweezers with smooth edges and a special matt finish to reduce glare. These superior tweezers are made from a **Ni-Cr-Mo super alloy**. This super alloy is about six times harder than anti-magnetic stainless steel with the highest hardness at the tips. **These super alloy tweezers can be continuously used at 600°C and exhibit excellent shape retention, fatigue resistance and extraordinary wear resistance.** This strong material exhibits excellent corrosion resistance to salts, acids, solvents, oils and greases. **Fully non-magnetic** and can be used in strong magnetic fields or to pick up magnetic samples.

	Length	Tip size W x H
 T653 1.SAN H/P super alloy tweezers type 1 , strong, fine tips, fully non-magnetic	120mm	0.2 x 0.1mm
 T654 2A.SAN H/P super alloy tweezers type 2A flat, accurate, round tips, fully non-magnetic	120mm	1.9 x 0.18mm
 T655 3.SAN H/P super alloy tweezers type 3 , very sharp fine tips, fully non-magnetic	120mm	0.15 x 0.1mm
 T656 3C.SAN H/P super alloy tweezers type 3C , short, very sharp fine tips, fully non-magnetic	110mm	0.15 x 0.1mm
 T657 4.SAN H/P super alloy tweezers type 4 , very sharp fine tips, fully non-magnetic	110mm	0.1 x 0.06mm
 T658 5.SAN H/P super alloy tweezers type 5 , extra fine straight tips, fully non-magnetic	110mm	0.07 x 0.02mm
 T659 7.SAN H/P super alloy tweezers type 7 , very fine curved tips, fully non-magnetic	115mm	0.10 x 0.06mm

T660 **Boxed set** of High Precision **super alloy** tweezers in a plastic wallet with hard foam protective insert for convenient use and safe storage. Set includes:

Type 1, Type 2A, Type 3C, Type 5, Type 7



Swiss Stainless Steel Anti-Magnetic Mini Tweezers

Stainless steel, high precision mini tweezers. Smooth edges and superior matt finish to reduce glare. Made from low carbon high strength S/S. Good corrosion and acid/solvent resistance and very hard wearing. Applications in many areas of science.

	Length	Tip size W x H
 T661 M2.AM high precision mini tweezers type 2 , flat, sharp, tips, anti-magnetic S/S	87mm	0.18 x 0.15mm
 T662 M2A.AM high precision mini tweezers type 2A , rounded flat tips, anti-magnetic S/S	70mm	1.4 x 0.15mm
 T663 M3.AM high precision mini tweezers type 3 , sharp fine tips, anti-magnetic S/S	70mm	0.15 x 0.1mm
 T664 M5.AM high precision mini tweezers type 5 , extra fine tips, anti-magnetic S/S	80mm	0.12 x 0.1mm



Swiss Stainless Steel Anti-Magnetic Locking Tweezers

These high precision anti-magnetic locking tweezers are Swiss made and precision engineered with smooth edges and a superior matt finish to reduce glare. The sliding locking mechanism with anti-slip pattern helps to keep the tweezers closed. When the integrated locking slider is moved forwards, items are held by the tweezer tips without any need to apply pressure on the handles. When items need to be handled, examined or moved around, locking tweezers are safer and more ergonomic. Some users find locking tweezers easier to use than reverse action tweezers. The locking mechanism allows for adjustable pressure on the parts as well.

The tweezers and the locking mechanism are made from a special, low carbon, high strength stainless steel. Although anti-magnetic for strong magnetic fields it is advised to use Super Alloy tweezers.

	Length	Tip size W x H
 T665 1L.AM high precision locking tweezers type 1 , strong fine tips, anti-magnetic S/S	120mm	0.2 x 0.1mm
 T666 2AL.AM high precision locking tweezers type 2A , flat, accurate fine tips, anti-magnetic S/S	120mm	1.9 x 0.18mm
 T667 3L.AM high precision locking tweezers type 3 , very sharp fine tips, anti-magnetic S/S	120mm	0.15 x 0.1mm
 T668 4L.AM high precision locking tweezers type 4 , very sharp fine tips, anti-magnetic S/S	110mm	0.15 x 0.1mm
 T669 5L.AM high precision locking tweezers type 5 , extra fine sharp tips, anti-magnetic S/S	110mm	0.15 x 0.1mm





Stainless Steel Anti-Magnetic Locking Tweezers cont...

	Length	Tip size W x H
 T670 5BL.AM high precision locking tweezers type 5B , extra fine bent tips, anti-magnetic S/S	110mm	0.07 x 0.02mm
 T671 7L.AM high precision locking tweezers type 7 , very fine curved tips, anti-magnetic S/S	115mm	0.1 x 0.06mm

Swiss High Precision Cutting Tweezers

High precision cutting tweezers feature accurately ground edges for precise cutting of fine wires. Made from hardened tool steel (except mini tweezers) to ensure durability and intended for cutting soft copper, gold, silver, aluminium and magnetic wires. Ideal for cutting tabs from tabbed TEM grids and cutting TEM grids to make custom FIB grids. It is advisable to keep these cutting tweezers clean and use oil to protect against corrosion. Choice of 4 popular styles, including mini-cutting tweezers. These cutting tweezers feature:

- hardened steel cutting blades with precision ground edges
- smooth wide handles for asserting pressure
- matt anti-glare finish
- choice of angled or parallel blades for smooth cutting action

	Length
 T672 15.CS high precision cutting tweezers type 15CS , 12mm <i>angled</i> blades, hardened carbon tool steel	120mm
 T673 15P.CS high precision cutting tweezers type 15P.CS 12mm <i>parallel</i> blades, hardened carbon tool steel	120mm
 T674 15M.CS high precision cutting tweezers type 15M.CS 10mm <i>angled</i> blades, hardened carbon tool steel	120mm
 T675 152.S high precision cutting tweezers type 152.S 4mm <i>angled</i> blades, <i>stainless steel</i>	100mm