

## 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           |      |            |      |                 |      |                       |      |

# 6

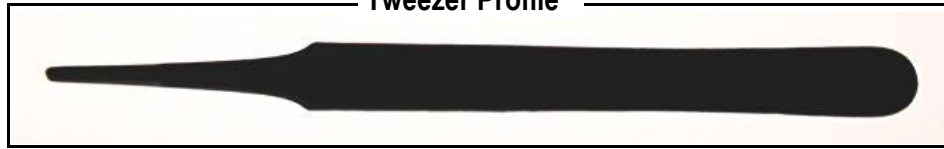
# Tweezers & Small Tools

## Tweezer Type 2A

Tip Profile



Tweezer Profile



| Tweezer Grade           | TIP Dimensions(mm) |           | Overall tweezer length |
|-------------------------|--------------------|-----------|------------------------|
|                         | Width              | Thickness |                        |
| Biology                 | *                  | *         | 120mm                  |
| High Precision -s/steel | 1.50               | 0.20      |                        |
| 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 Grade           | TIP Dimensions(mm) |           | Overall tweezer length |
|-------------------------|--------------------|-----------|------------------------|
|                         | Width              | Thickness |                        |
| Biology                 | 0.08               | 0.1       | 120mm                  |
| 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 |      |
|---------------------------|---------|------|----------------|------|------------|------|-----------------|------|-----------------------|------|
| 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           |      |            |      |                 |      |                       |      |

# Tweezers & Small Tools

6

## 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    |      |                |      |            |      |                 |      |                       |      |

## 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           | 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

6

## 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 |  |
|---------------------------|---------|------|----------------|------|------------|------|-----------------|------|-----------------------|--|
| Manufacturer              | 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      |                        |

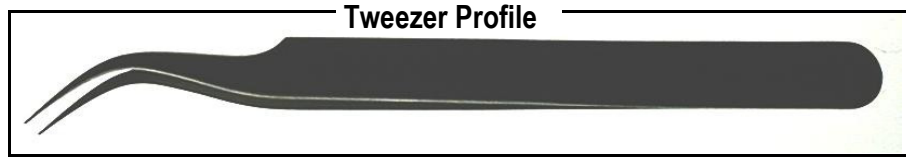
| Tweezer Quality                   | Biology |      | High Precision |      | Electronic |      | Medical Biology |      | Med/ Biology Polished |      |
|-----------------------------------|---------|------|----------------|------|------------|------|-----------------|------|-----------------------|------|
| Manufacturer                      | 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    |      |                |      |            |      |                 |      |                       |      |

# 6

# Tweezers & Small Tools

## Tweezer Type 7A

Tip Profile



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

| Tweezer Quality           | Biology |      | High Precision |      | Electronic |      | Medical Biology |      | Med/ Biology Polished |      |
|---------------------------|---------|------|----------------|------|------------|------|-----------------|------|-----------------------|------|
|                           | 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 Grade           | TIP Dimensions(mm) |           | Overall tweezer length |
|-------------------------|--------------------|-----------|------------------------|
|                         | Width              | Thickness |                        |
| High Precision -s/steel | 1.50               | 0.20      | 120mm                  |

| Tweezer Quality           | Biology |      | High Precision |      | Electronic |      | Medical Biology |      | Med/ Biology Polished |      |
|---------------------------|---------|------|----------------|------|------------|------|-----------------|------|-----------------------|------|
|                           | 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 Grade           | TIP Dimensions(mm) |           | Overall tweezer length |
|-------------------------|--------------------|-----------|------------------------|
|                         | 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 Grade           | TIP Dimensions(mm) |           | Overall tweezer length |
|-------------------------|--------------------|-----------|------------------------|
|                         | 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 Grade           | TIP Dimensions(mm) |           | Overall tweezer length |
|-------------------------|--------------------|-----------|------------------------|
|                         | 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 | T565    |      | T391           | T173 |            |      |                 |      |                       |      |

## Self Closing Tweezers continued

## Tweezer Type N5A

Tip Profile



Tweezer Profile



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

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

## Self Closing Tweezers

## Tweezer Type N7

Tip Profile



Tweezer Profile



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

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

## Self Closing Tweezers

## Anti-Capillary Tweezers

## Tweezer Type N5AC

Tip Profile



Tweezer Profile



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

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

# Tweezers & Small Tools

6

## 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 |      |
|---------------------------|---------|------|----------------|------|------------|------|-----------------|------|-----------------------|------|
| Manufacturer              | Dumont  | TAAB | Dumont         | TAAB | Dumont     | TAAB | Dumont          | TAAB | Dumont                | TAAB |
| Stainless Steel           | T468    |      |                |      |            |      |                 |      |                       |      |
| Stainless Steel -Anti-mag | T469    |      |                | T156 |            |      |                 |      |                       |      |

## Tweezer Type 5/45

Angled 45°

Tip Profile



Tweezer 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 |      |
|---------------------------|---------|------|----------------|------|------------|------|-----------------|------|
| Manufacturer              | Dumont  | TAAB | Dumont         | TAAB | Dumont     | TAAB | Dumont          | TAAB |
| Stainless Steel           |         |      | T461           |      |            |      |                 |      |
| Stainless Steel -Anti-mag | T335    |      | T462           | T540 |            |      |                 |      |

## Tweezer Type 5/90

Angled 90°

Tip Profile



Tweezer 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 |      |
|---------------------------|---------|------|----------------|------|------------|------|-----------------|------|
| Manufacturer              | Dumont  | TAAB | Dumont         | TAAB | Dumont     | TAAB | Dumont          | TAAB |
| Stainless Steel           |         |      | T459           |      |            |      |                 |      |
| Stainless Steel -Anti-mag |         |      | T460           | T475 |            |      |                 |      |

## General Purpose Tweezers

### Tweezer Type AA



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

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

### Tweezer Type GG



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

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

### Tweezer Spade Tip



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

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

### Dumont Type 24 Tweezer

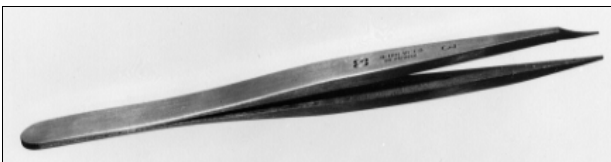


A long straight tweezer with serrated tips, this electronic grade stainless steel tweezer has a polished finish. Length 150mm

**T363** Dumont type 24 tweezer each

## Cutting Tweezers

### Tweezer Type 60/3



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

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

## Cutting Tweezers

### Tweezer Type 15A



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

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

## Insulated Tweezers

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

Both types are 175mm long.

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

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



## Swiss Large Crossover Tweezer

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

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



## Clamping Tweezer

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

**T095** Clamping tweezer type 25b each



## Perry Type Tweezers

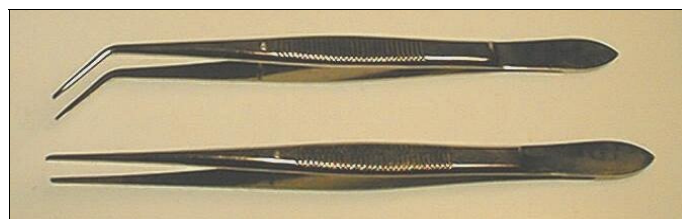
Tweezers with curved or flat serrated tips. Nickel plated tweezer with register pin. Length 145mm or 165mm.

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

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

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

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



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

## Perry Tweezer

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

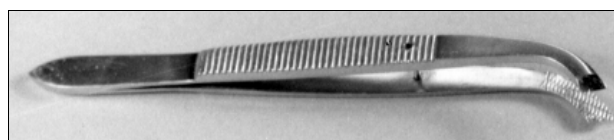
**T334** Perry tweezer, curved tips each



## Entomological Forceps

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

**T196** Entomological forceps each





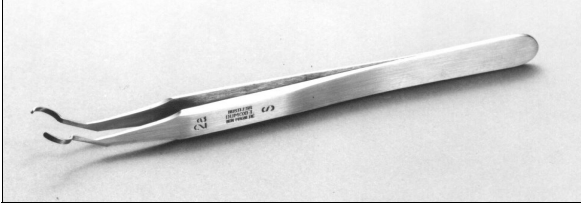
# 6

# 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 tweezers 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

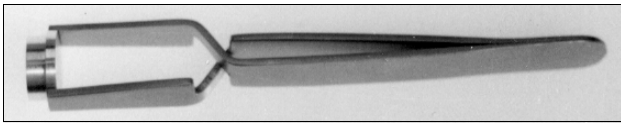
### Type 2E 1/4



This tweezers 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

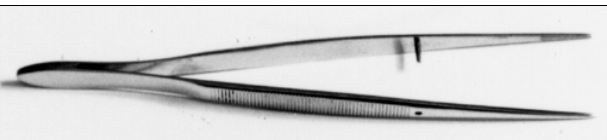


Tweezers specially modified for handling 15mm diameter Hitachi specimen stubs. These tweezers enable complete handling up to and including the screwing on and off of stub from holder.

**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

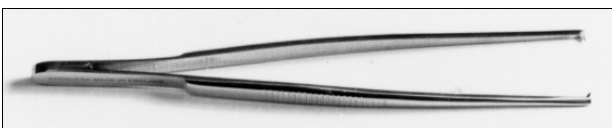
### Spring Forceps - Curved



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

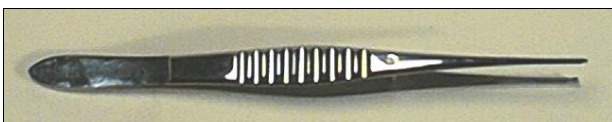
**T114** Spring forceps, narrow, curved each

### 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)

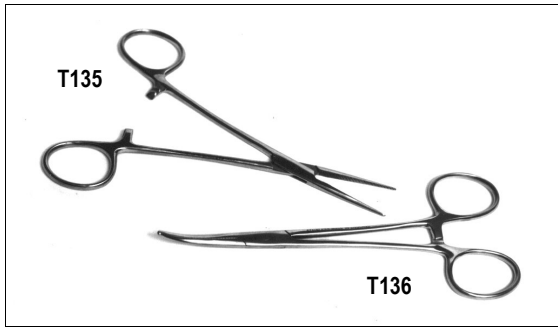
- T504** Forceps, Adson, serrated, 125mm each  
**T505** Forceps, Adson, 1/2 tooth, 128mm each



# 6

# Tweezers & Small Tools

## Forceps - Crile



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

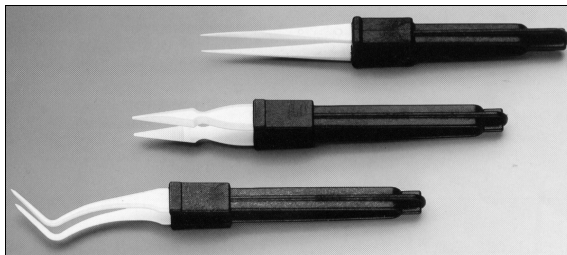
|             |                   |      |
|-------------|-------------------|------|
| <b>T135</b> | Forceps, straight | each |
| <b>T136</b> | Forceps, curved   | each |

## 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

|             |   |      |
|-------------|---|------|
| <b>T182</b> | Tweezer ceramic/alloy – straight point    | each |
| <b>T183</b> | Tweezer ceramic/alloy – curved fine point | each |
| <b>T184</b> | Tweezer ceramic/alloy – serrated point    | each |

### Polymer Shank

|             |  |      |
|-------------|--|------|
| <b>T185</b> | Tweezer ceramic/polyacetal – straight fine point | each |
| <b>T186</b> | Tweezer ceramic/polyacetal – curved fine point   | each |
| <b>T187</b> | 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 tweezer is 140mm.

**T516**

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

**T517**

**T514** Tweezer ceramic, sharp fine point each

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

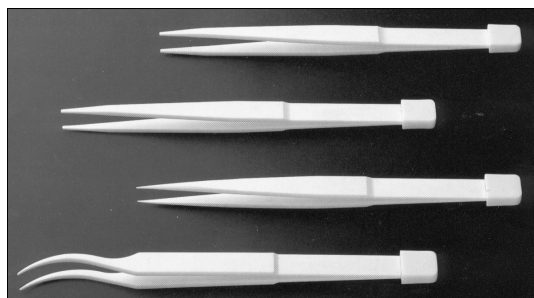
**T516** Tweezer ceramic, sharp f/point, serrated grip each

**T517** Tweezer ceramic, strong blunt point each

**T518** Tweezer ceramic, type 2A, serrated grip each

## 100% Ceramic Tweezers

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



**T478** Tweezer ceramic - straight precision tips each

**T479** Tweezer ceramic – curved type 7a each

**T480** Tweezer ceramic – straight 1mm tip, serrated each

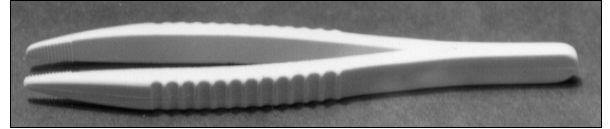
**T481** Tweezer ceramic – straight 1mm tip, smooth each

## Plastic Tweezers

### Nylon Tweezers

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

**T119** Tweezers, nylon per 10



### Plastic Tweezers – Conducting

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

3 types are available:

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

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

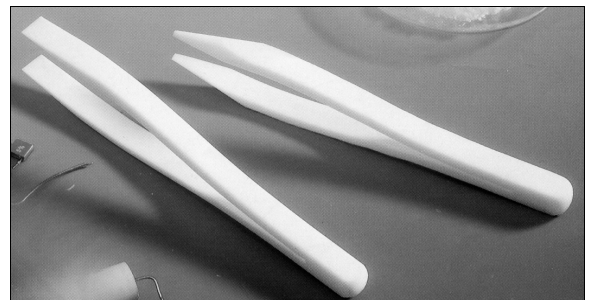


### Teflon Tweezers

Made of solid first grade PTFE, high chemical and thermal resistance from  $-200^{\circ}\text{C}$  to  $+260^{\circ}\text{C}$ . Solid non-flammable non-stick material, which can be sterilised.

Two styles available, one with 3mm round tips and the other with 10mm flat tips. Both are 150mm long.

**T484** Teflon tweezers – 3mm round tips each  
**T485** Teflon tweezers – 10mm flat tips each



### 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  $200^{\circ}\text{C}$ .

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



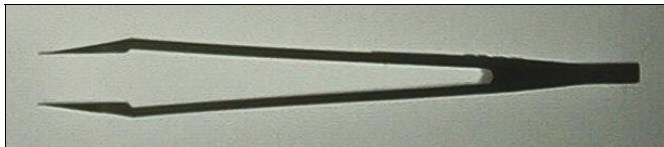


# 6

# Tweezers & Small Tools

## Plastic Tweezers -continued

### 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.

- |             |   |      |
|-------------|---|------|
| <b>T488</b> | Delrin tweezers, flat tips, 7.5mm wide        | each |
| <b>T489</b> | Delrin tweezers, flat tips, 9.0mm wide        | each |
| <b>T490</b> | Delrin tweezers, flat tips 12.0mm wide        | each |
| <b>T491</b> | Polyethylene tweezers, flat tips, 7.5mm wide  | each |
| <b>T492</b> | Polyethylene tweezers, flat tips, 9.0mm wide  | each |
| <b>T493</b> | Polyethylene tweezers, flat tips, 12.0mm wide | each |

### Strong Serrated Tip Tweezer



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

- |             |                             |           |
|-------------|-----------------------------|-----------|
| <b>T494</b> | 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.

- |             |                                      |      |
|-------------|--------------------------------------|------|
| <b>T495</b> | 2A Type, soft Delrin tweezer         | each |
| <b>T496</b> | 2A Type, glass filled Delrin tweezer | each |

### Spade Tip Delrin Tweezer



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

- |             |                                 |      |
|-------------|---------------------------------|------|
| <b>T506</b> | Delrin Spade tip tweezer , 10mm | each |
|-------------|---------------------------------|------|

## Curved Tip Delrin Tweezers

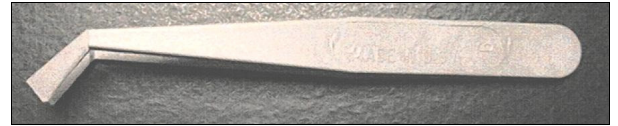
Glass filled Delrin tweezers, 0.5mm wide tips. 45° curved, 100mm long.

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



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

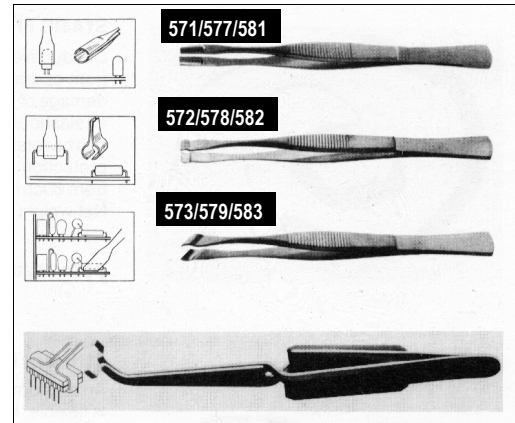
**T508** Curved 5mm tip Delrin tweezer each



## 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.

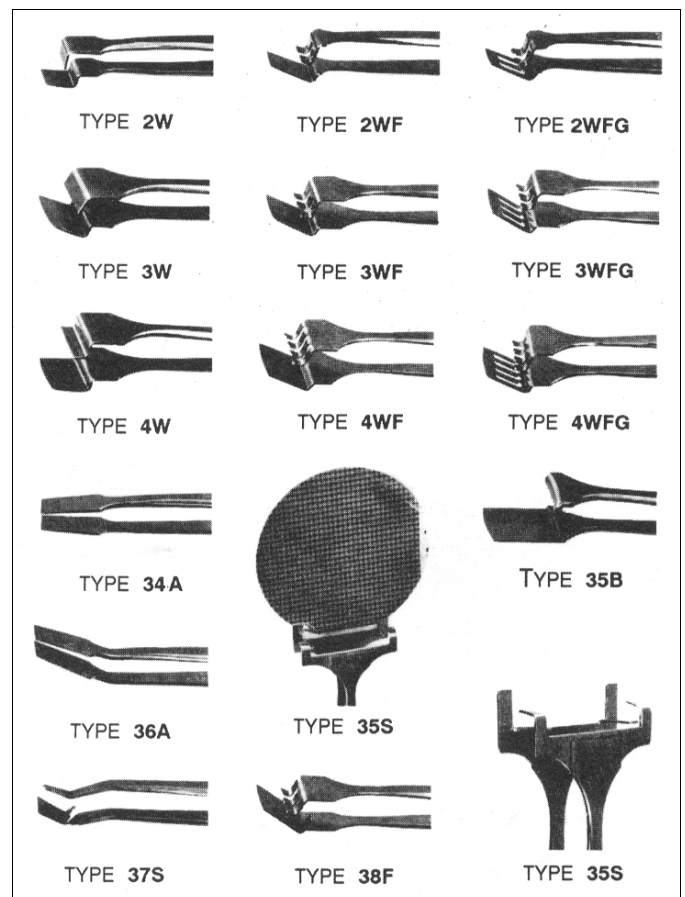
- T306** Tweezer, component handling, type **571** each
- T307** Tweezer, component handling, type **577** each
- T308** Tweezer, component handling, type **572** each
- T309** Tweezer, component handling, type **579** each
- T310** Tweezer, component handling, type **573** each
- T311** Tweezer, component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



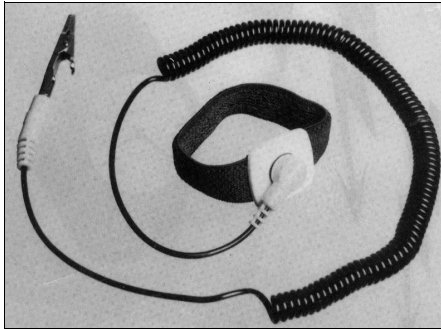
## Specialised Wafer Handling Tweezers

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



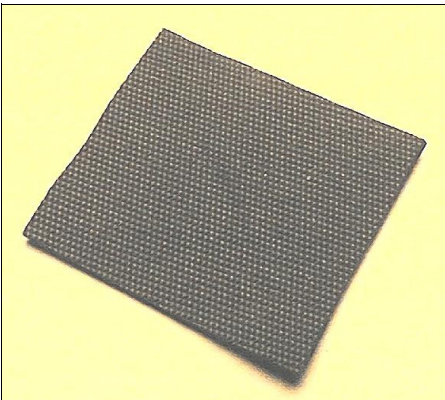
## Static-Free Wrist Strap



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.

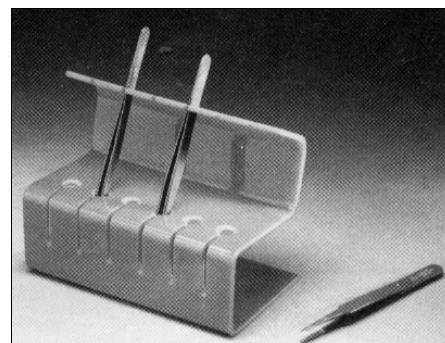
**T105** Tweezer resharpener tool each



## 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.

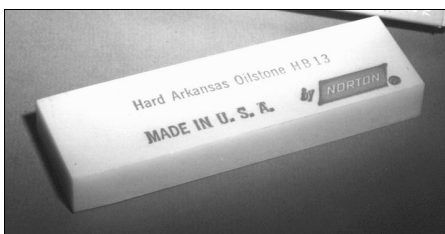
S075 Arkansas stone, hard - translucent each  
 S339 Arkansas stone, hard - black each  
 S340 Arkansas stone, soft - white each



**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



# 6

# Tweezers & Small Tools

## Demagnetiser



In the field of Electron Microscopy, it is very important to ensure that tools and other small ferrous components are demagnetised before use. The Elma Anti-mag 2 electronic demagnetiser has been designed to remove residual magnetism satisfactorily from these objects.

**D052** Elma Anti-mag 2 Demagnetiser - 240volt model 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

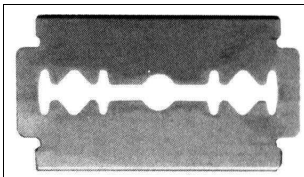
## Section Lifter



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



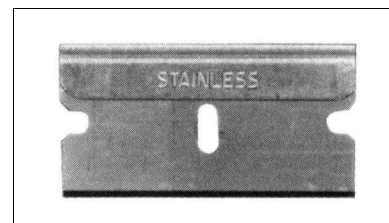
## BLADES – Single Edge

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.

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

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

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



## 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.

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

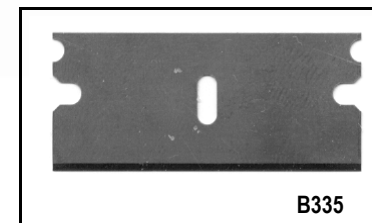
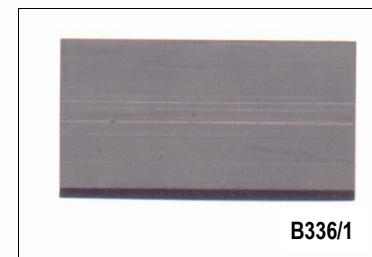


## BLADES - Single Edge - unbacked

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.

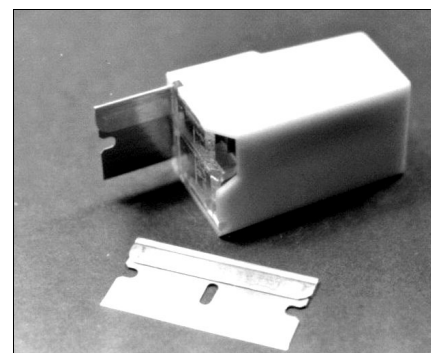
|                |   |      |
|----------------|---|------|
| <b>B335/1</b>  | Single edge blade <i>without</i> backing        | 1000 |
| <b>B335</b>    | Single edge blade w/o backing in dispenser      | 100  |
| <b>B335/RF</b> | Single edge blade w/o backing, refill           | 100  |
| <b>B336/1</b>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



## Blades - GEM in Dispenser

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

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



## Blades - Injector Style

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

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



## HOLDER for Single Edge Blades



This holder will take any of the B054, B055 or B056 blades. The blade is retractable when not in use and provides a safer method of use, keeping fingers further away from the cutting edge when cutting hard materials.

Comes complete with one blade, it is easy to reverse blade to expose a new cutting edge or to refill with a new blade.

**B181** Holder for single edge blade each

## Section Razor



Stainless steel blade housed in a black handle.

**B254** Section razor, stainless steel each

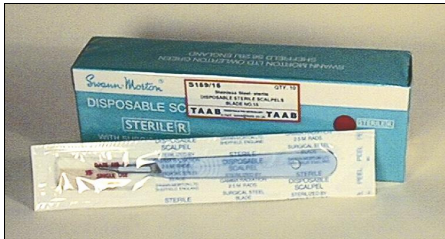
## Scalpels - Solid



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



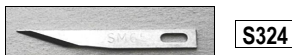
With plastic handles and stainless steel blades they are supplied in a disposable sterile pack, in **individual**, transparent-topped polystyrene trays. **Packed in boxes of 10.** Sterilisation of the blades is achieved by Gamma radiation 2.5M.Rad.

**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

6

## Scalpel Handles and Blades

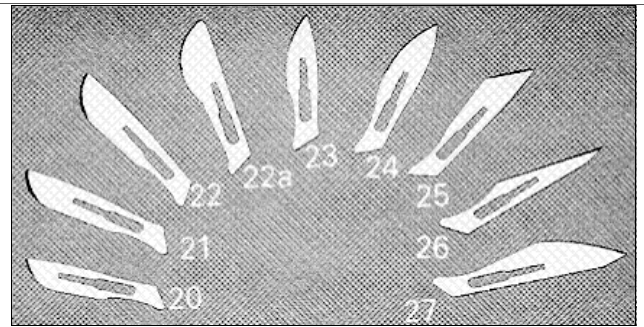
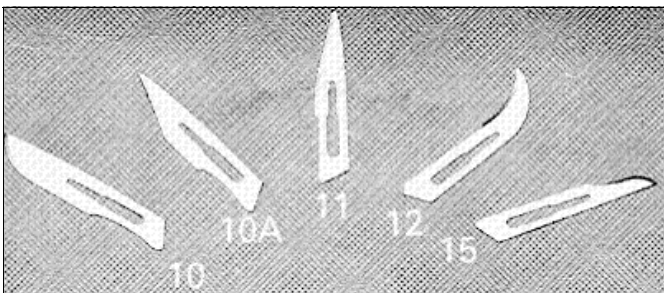
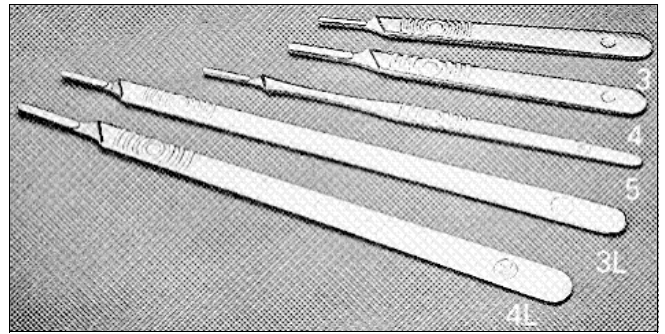
A wide selection of handles is available to hold replaceable blades.

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

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

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

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



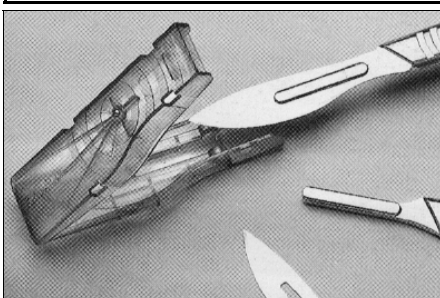
| Description              | Product Number |              | Qty |
|--------------------------|----------------|--------------|-----|
|                          | Sterile        | Non-Sterile  |     |
| Scalpel Blade Number 10  |                | S070/10/005  | 5   |
| Scalpel Blade Number 10A |                | S070/10A/005 | 5   |
| Scalpel Blade Number 11  |                | S070/11/005  | 5   |
| Scalpel Blade Number 12  |                | S070/12/005  | 5   |
| Scalpel Blade Number 15  |                | S070/15/005  | 5   |

|                          |              |              |     |
|--------------------------|--------------|--------------|-----|
| Scalpel Blade Number 10  | S334/10/100  | S070/10/100  | 100 |
| 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 12  | S334/12/100  | S070/12/100  | 100 |
| Scalpel Blade Number 15  | S334/15/100  | S070/15/100  | 100 |

| Description              | Product Number |              | Qty |
|--------------------------|----------------|--------------|-----|
|                          | Sterile        | Non-Sterile  |     |
| Scalpel Blade Number 20  |                | S110/20/005  | 5   |
| Scalpel Blade Number 21  |                | S110/21/005  | 5   |
| Scalpel Blade Number 22  |                | S110/22/005  | 5   |
| Scalpel Blade Number 22A |                | S110/22A/005 | 5   |
| Scalpel Blade Number 23  |                | S110/23/005  | 5   |
| Scalpel Blade Number 24  |                | S110/24/005  | 5   |
| Scalpel Blade Number 25  |                | S110/25/005  | 5   |

|                          |              |              |     |
|--------------------------|--------------|--------------|-----|
| Scalpel Blade Number 20  | S335/20/100  | S110/20/100  | 100 |
| Scalpel Blade Number 21  | S335/21/100  | S110/21/100  | 100 |
| Scalpel Blade Number 22  | S335/22/100  | S110/22/100  | 100 |
| Scalpel Blade Number 22A | S335/22A/100 | S110/22A/100 | 100 |
| Scalpel Blade Number 23  | S335/23/100  | S110/23/100  | 100 |
| Scalpel Blade Number 24  | S335/24/100  | S110/24/100  | 100 |
| Scalpel Blade Number 25  | S335/25/100  | S110/25/100  | 100 |

## Scalpel Blade Removers



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

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





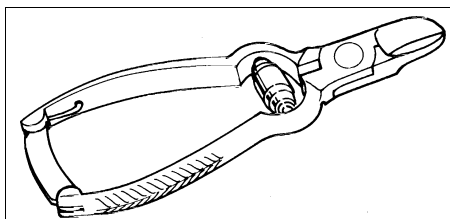
## Post-Mortem Knife

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

Type PM40 blades, boxed in 10's.

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

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

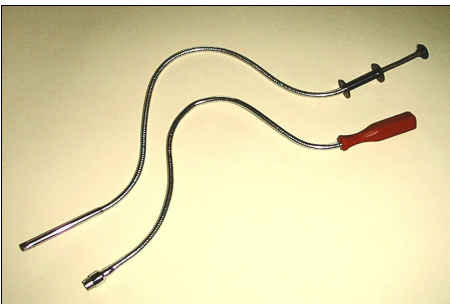


## Bone Cutter

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

|             |                           |      |
|-------------|---------------------------|------|
| <b>C281</b> | Bone cutter, carbon steel | each |
|-------------|---------------------------|------|

## Retrieving Tools



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

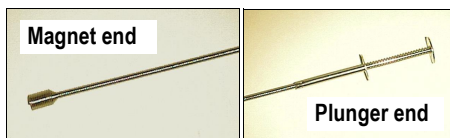
**CLASP:** Jaws are spring loaded and open to 15mm ( 10mm square closed ). The jaws are opened from the handle end by a bell push button.

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

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

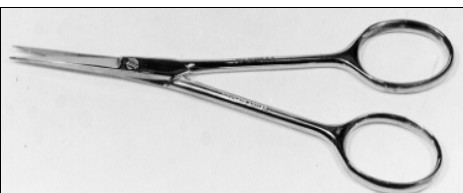
**NEW,** super strength magnetic pick-up tool, will lift up to 682g, similar to **T130** is flexible but cannot be bent into a set position, has a spring operated push plunger for activating deactivating magnet only when required. This activation is achieved by exposing the magnet from a shielded coil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

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



|             |                                       |      |
|-------------|---------------------------------------|------|
| <b>T512</b> | Magnetic pick-up, activated mag/field | each |
|-------------|---------------------------------------|------|

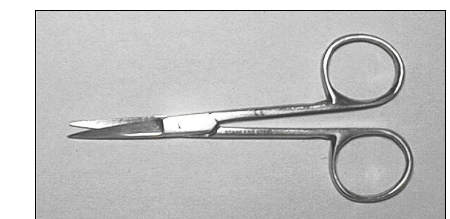
## Scissors - Various



## Surgical Scissors

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

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



## Microscopic Scissors

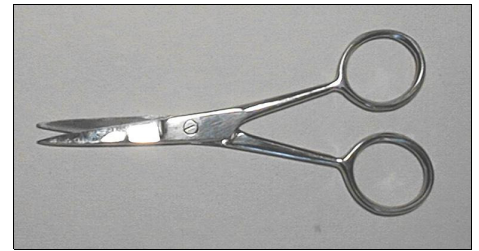
Microscopic scissors, iris quality, straight, stainless steel, 100mm long.

|             |  |      |
|-------------|--|------|
| <b>S370</b> | Scissors, microscopic, stainless steel | each |
|-------------|--|------|

## Dissecting Scissors

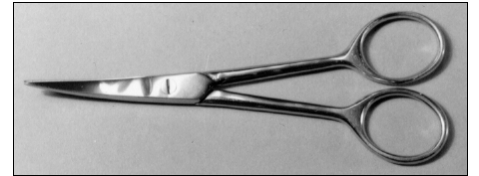
**Open shanks**, dissecting scissors with **sharp points**, stainless steel, 112, 125 or 150mm long.

- 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.

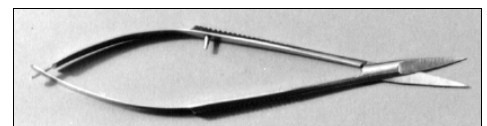
- S342** Scissors, dissecting, fine points, s/steel each



## Springbow Dissecting Scissors

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

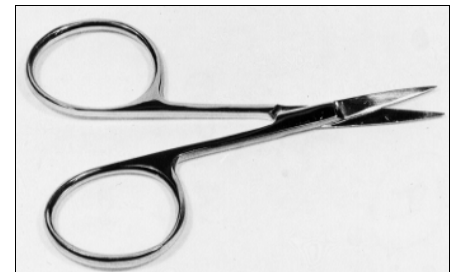
- S213** Spring dissecting, straight, 110mm long each  
**S274** Spring dissecting, **curved**, 100mm long each



## Iris Scissors

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

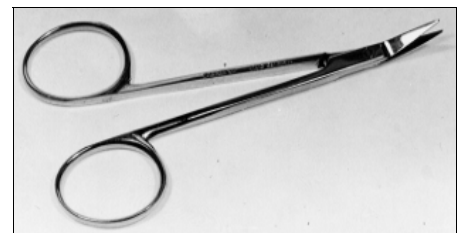
- S073** Scissors, iris, 95mm each  
**SS073/114** Scissors, iris, 114mm each



## Angled Scissors

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

- S074/1** Scissors, angled, stainless steel each



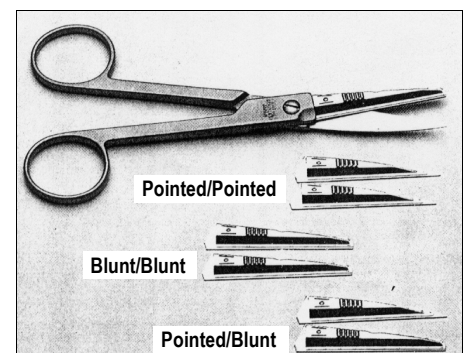
## Scissors Type 145 - with Exchangeable Blades

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.

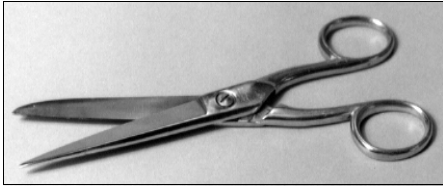
Benefits are:-

- ◆ 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.

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

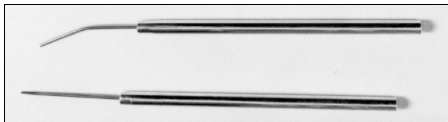
## Universal Scissors



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

|             |                                      |      |
|-------------|--------------------------------------|------|
| <b>S130</b> | Scissors, universal, stainless steel | each |
|-------------|--------------------------------------|------|

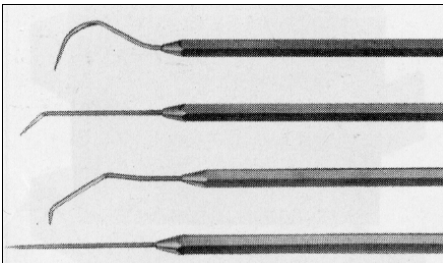
## Set of Probes



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

|             |              |      |
|-------------|--------------|------|
| <b>T116</b> | Probes, fine | each |
|-------------|--------------|------|

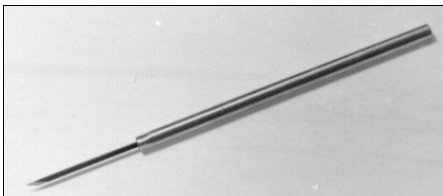
## Set of Shaped Probes



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

|             |                      |       |
|-------------|----------------------|-------|
| <b>T198</b> | Probes, shaped, fine | set 4 |
|-------------|----------------------|-------|

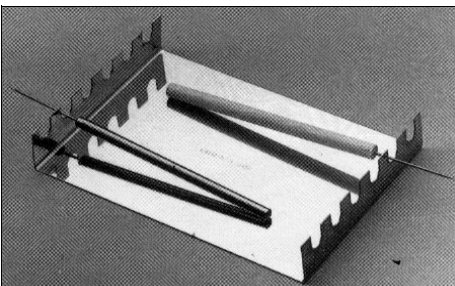
## Borrodaile Needle



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

|             |                   |      |
|-------------|-------------------|------|
| <b>T197</b> | Borrodaile needle | each |
|-------------|-------------------|------|

## Needle Stand



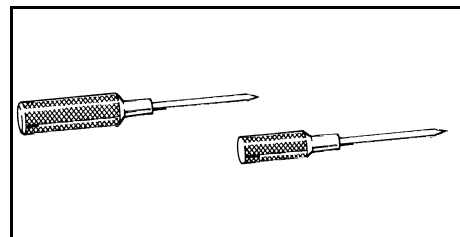
A stainless steel stand with 6 slots at each end to rest needles, brushes etc.

|             |              |      |
|-------------|--------------|------|
| <b>T362</b> | Needle stand | each |
|-------------|--------------|------|

## Dissecting Awl

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

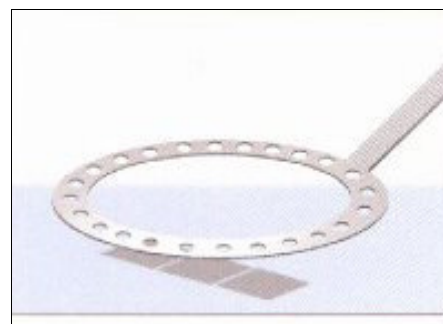
|             |                        |      |
|-------------|------------------------|------|
| <b>T358</b> | Dissecting awl - large | pair |
| <b>T359</b> | Dissecting awl - small | pair |



## The Perfect Loop

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

|             |                          |      |
|-------------|--------------------------|------|
| <b>L138</b> | Perfect loop, EM set     | each |
| <b>L141</b> | Replacement EM loop only | each |
| <b>L142</b> | Perfect loop, EM handle  | each |
| <b>L143</b> | Perfect loop, LM set     | each |
| <b>L144</b> | Replacement LM loop only | each |
| <b>L145</b> | Perfect loop, LM handle  | each |

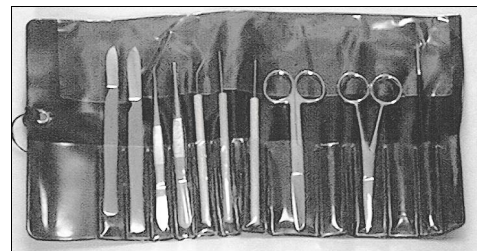


## Dissecting Sets

### Basic Set

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

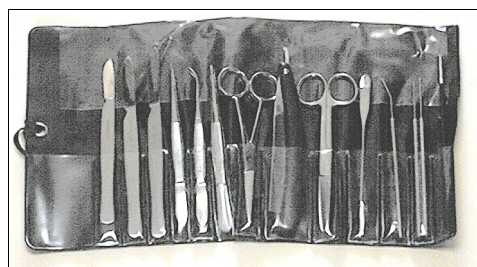
|               |   |      |
|---------------|---|------|
| <b>D078</b>   | Dissecting set - basic 10 piece         | each |
| <b>D078/S</b> | Dissecting set - 10 piece, loose blades | each |



### Advanced Set

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

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



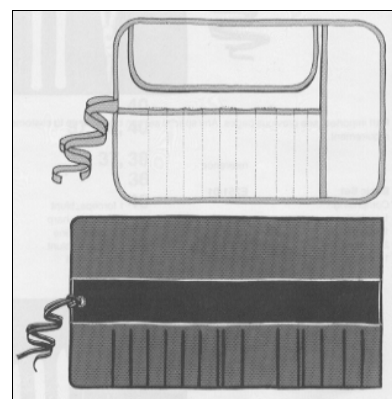
### Options:

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

## Dissecting 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.

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

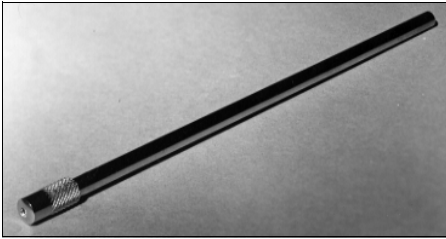




# 6

## Tweezers & Small Tools

### Wire Holder



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

**W080** Wire holder each

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

### Pin Vice, Slim



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

**P266** Slim pin vice each

### Pin Vice. Swivel



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

**P148** Pin vice, swivel type each

### Pintong



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

**P286** Pintong each

### Spatula



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

|                 |  |       |
|-----------------|--|-------|
| <b>T117</b>     | Spatula, double, Chatterway, 200mm long, s/steel       | set 3 |
| <b>T117/N</b>   | Spatula, double, Chatterway, 200mm long, <b>nickel</b> | set 3 |
| <b>T118/125</b> | Spatula, micro double, 125mm long, s/steel             | set 3 |
| <b>T118/150</b> | Spatula, micro double, 150mm long, s/steel             | set 3 |
| <b>T118/200</b> | Spatula, micro double, 200mm long, s/steel             | set 3 |



## Spatula - Straight Spoon

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

T355 Spatula, straight spoon each



## Spatula, Nuffield

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

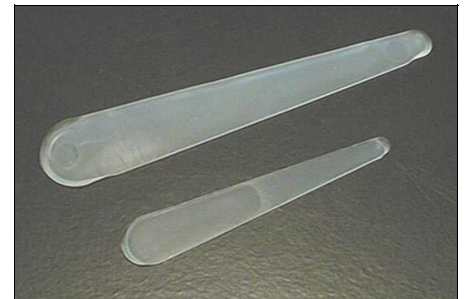
T356 Spatula, Nuffield pattern each

## Spatula, Polypropylene

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

T510/100 Spatula, polyprop. 100mm per 10

T510/150 Spatula, polyprop. 150mm per 10



## Palette Knife

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

K079/100 Palette knife, 100mm blade each

K079/150 Palette knife, 150mm blade each

K079/200 Palette knife, 200mm blade each



## Writing Diamond

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

W078 Writing diamond each



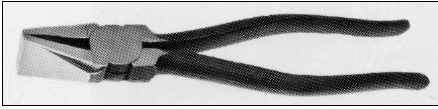
## Glass Scorer

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

G051 Glass scorer each



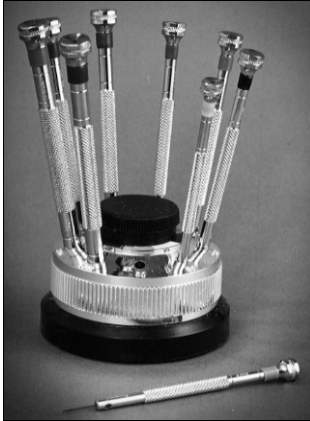
## Glass Breaking Pliers



Very strong pliers designed to give trouble free long life in the production of ultramicro-tome 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

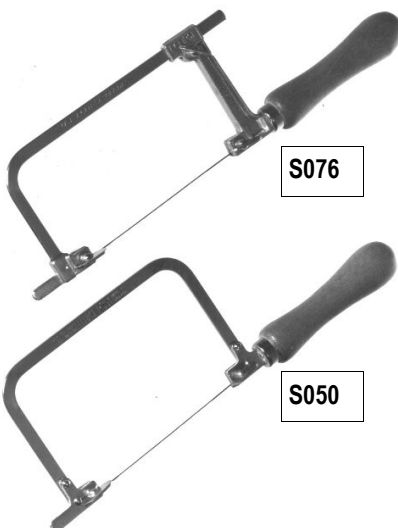
Precision steel saw with hardwood handle use with S051 blades. This saw has an adjustable frame to accept different lengths of blade – makes economical use of broken blades, otherwise thrown away.

**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.

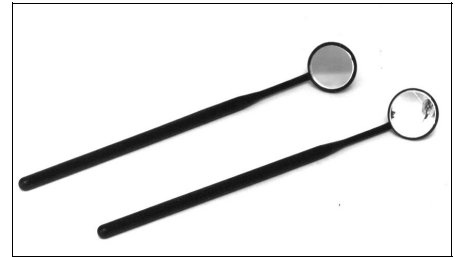
**S051** Spare blades per 10



## Inspection Mirrors

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

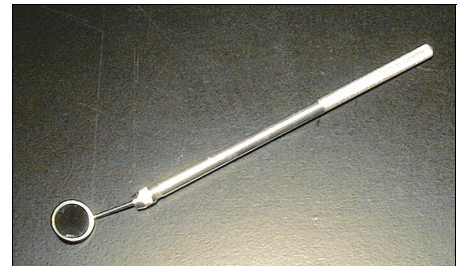
|             |   |      |
|-------------|---|------|
| <b>M050</b> | Inspection mirror, plane                | each |
| <b>M051</b> | Inspection mirror, concave (magnifying) | each |



## Inspection Mirrors - Swivel

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

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



## Allen Keys - Set

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

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

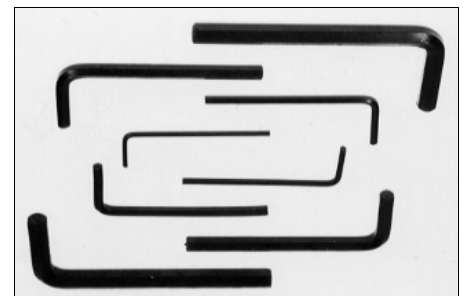


## Allen Keys - Loose

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

Sold in units of one key

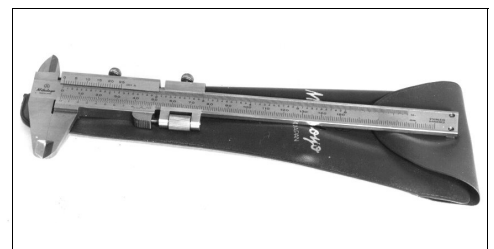
|               |                 |               |                               |
|---------------|-----------------|---------------|-------------------------------|
| <b>A073</b>   | Allen key 1.5mm | <b>A074</b>   | Allen key $\frac{1}{16}$ inch |
| <b>A073/1</b> | Allen key 2.0mm | <b>A074/1</b>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



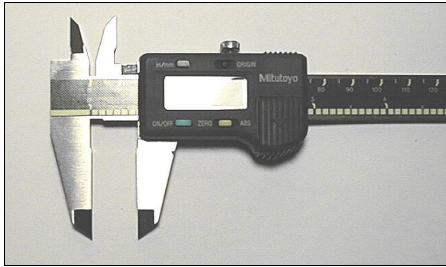
## Vernier Callipers

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

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



## Vernier Callipers - Digimatic



This vernier calliper combines the highest quality with the latest 'state-of-the-art' electronics. Outside, inside, depth and step measurements are read rapidly from the high contrast LCD display in either imperial or metric with resolution to 0.0005inch or 0.01mm.

Instant inch/mm conversion: zero point at any position

Power off switch

Automatic wear compensation: Positive locking clamp

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

## Micrometer - Digimatic



A lightweight electronic-micrometer with one-handed operation of the traditional micrometer linked to the advantaged of today's electronics. It has a resolution of 0.001mm or 0.0005inch and operates for about 2 years from a single silver oxide cell.

Large bright clear LCD digital display: Instant inch/mm conversion

Measurement hold key: Zero set in any position

Flatness 0.3% $\mu$ m/Parallelism 1% $\mu$ 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.

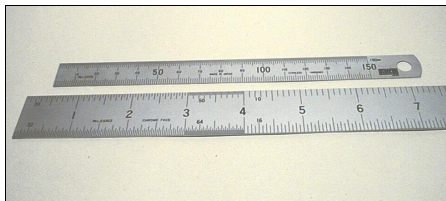
Ratchet type barrel operation

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,  $\frac{1}{2}$ mm figured every 10mm in mm other side. One round end.

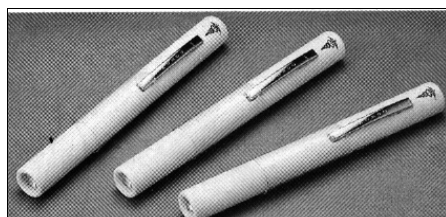
Available in two sizes: Length 6inch/150mm width 12.5mm – flexible

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

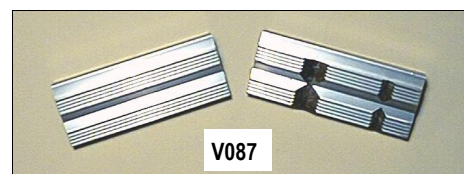
Magnetic jaws for **any** steel vice. Three types available: profiled aluminium with horizontal and vertical grooves to gently hold small objects, aluminium with fibre face and aluminium with rubber face.

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

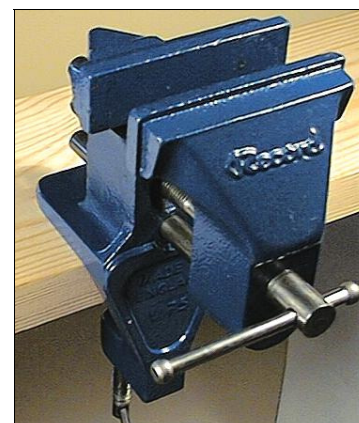
This portable vice has a built-in clamp which allows it to be easily and quickly attached to a bench, table or work surface up to 40mm thick. A useful anvil is included on the rear of the body.

Jaw width: 3 inch (76mm)

Jaw opening: 2 inch (50mm)

Throat depth: 1.2 inch (31mm)

**V069** Bench vice each

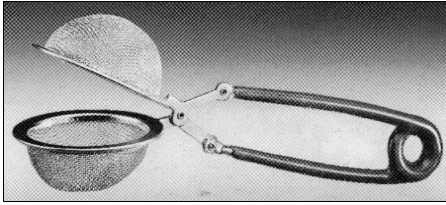


## Fibre Jaws for Bench Vice

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



## 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.

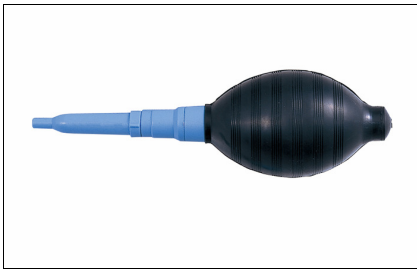
**B167** Blower – rubber each



### 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)

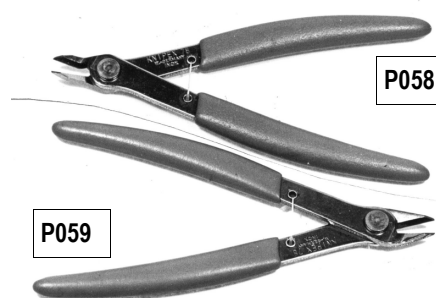
High quality, precision cutters. With polished head accurately shaped tips for cutting soft wires down to 0.2mm diameter. Long life cutting edges without bevel for flush cutting. Made from stainless steel with handles covered in a new cushioned plastic and with return spring. Both cutters are 125mm long.

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

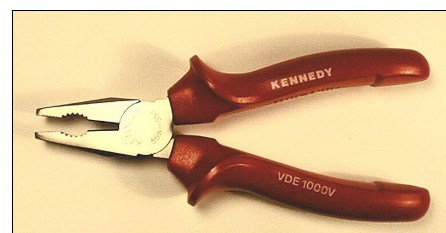
**P496** Spare torsion springs pk5



## Electricians Pliers

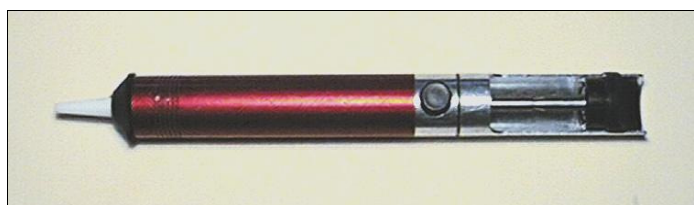
With pipe grip, side cutters and two joint cutters. Polished head. PVC handles insulated to withstand 1000 volts AC, 1500 volts DC.

**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 |
|------|----------------------|------|



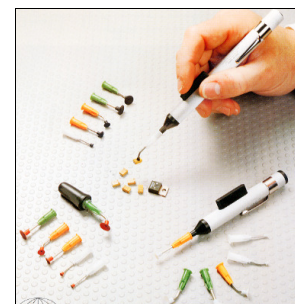
## PEN-VAC Pumpless Vacuum Tweezers

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

### PEN-VAC Original

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

**V097** PEN-VAC original



Penvac Original



Penvac ESD

### PEN-VAC ESD Static Safe

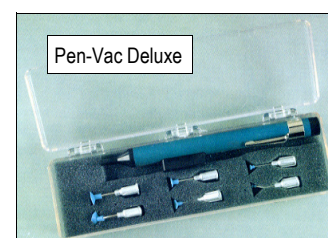
As PEN-VAC Original in a static safe version and clear aluminium finish.. Complete with set of conductive probes and black ESD safe cups. All relevant parts are conductive or non-static generating.

**V098** PEN-VAC ESD static safe

### PEN-VAC Deluxe

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

**V099** PEN-VAC deluxe



Pen-Vac Deluxe

### PEN-VAC Junior

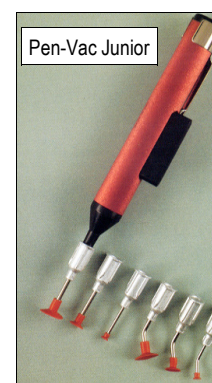
PEN-VAC Junior in cranberry anodized finish is 4¼" (103mm) long without an integral storage compartment. It can however, be supplied in the same configurations as Pen-Vac Original.

**V100** PEN-VAC Junior

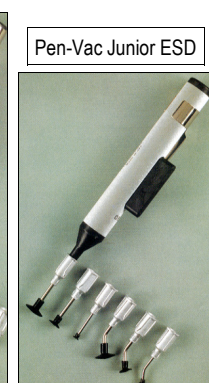
### PEN-VAC Junior ESD Static Safe

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

**V101** PEN-VAC Junior ESD



Pen-Vac Junior

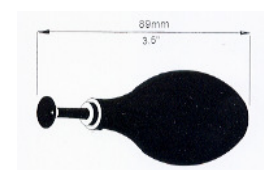


Pen-Vac Junior ESD

### BULB-VAC

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

**V102** BULB-VAC



**For up-to-date information visit our web page**

**[www.taab.co.uk](http://www.taab.co.uk)**

**This will enable you to download all or part of our catalogue as PDFs.**

**We can also source products not listed as standard in our catalogue so give us a call to find that elusive product on:**

**++44(0)118 981 7775**

**or**

**e-mail [sales@taab.co.uk](mailto:sales@taab.co.uk)**

**TAAB**

**Laboratory and Microscopy**