











## A New Range of Swiss High Precision Tweezers

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

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

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



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

Length

Tip size W x H

115mm

0.1 x 0.06mm

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

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



## A New Range of Swiss Titanium Tweezers

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



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

Length

Tip size W x H

120mm

0.3 x 0.2mm



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

1.9 x 0.18mm



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

120mm

0.22 x 0.16mm



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

110mm

0.22 x 0.16mm



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

110mm

0.2 x 0.15mm



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

110mm

0.2 x 0.15mm



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

115mm

0.22 x 0.2mm

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

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



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# Tweezers & Small Tools

## New Swiss Stainless Steel Reverse Action Tweezers

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



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



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



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



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



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



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

## Swiss Stainless Steel Extra Length High Precision Slim Tweezers



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



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



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



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



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

## Swiss Stainless Steel Super Alloy High Precision Tweezers

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

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

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

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



## Swiss Stainless Steel Anti-Magnetic Mini Tweezers


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

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

## Swiss Stainless Steel Anti-Magnetic Locking Tweezers

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

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

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





## Stainless Steel Anti-Magnetic Locking Tweezers cont...

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

## Swiss High Precision Cutting Tweezers

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

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

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