

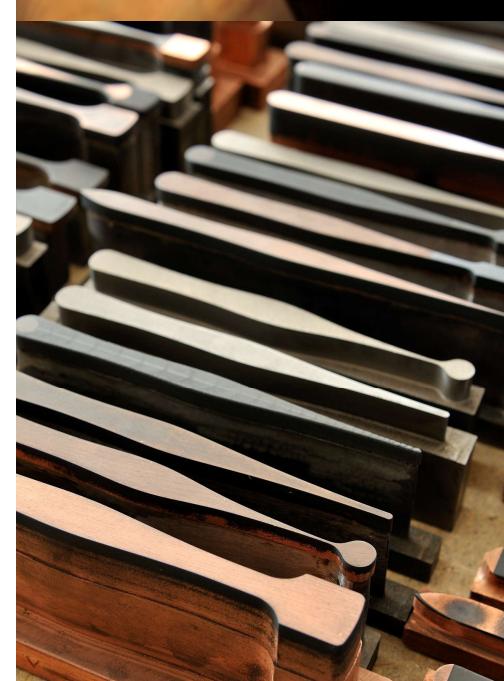


TWEEZERS HANDBOOK



«Matter of fact, Tweezer itself is a rather simple product. The complexity is to produce a comprehensive, attractive and qualified portfolio of top-quality products, serving multiple industries and striving daily to evolve to find the right mix of 100 years heritage, craftsman skills and technologies»

Regine Group





Regine Group is amongst the leaders in the mid to top-quality tweezers manufacturing. Rooted and headquartered in Switzerland, the company established over the years production sites in Switzerland and Italy.



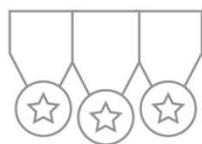
Our 100% in-house prototyping, production and packaging processes guarantee our customers a quick, consistent and reliable product availability.



Regine Group tweezers stand by a unique combination of experience, technology and skillset. This allows us to deliver the "Just Right" throughout 45 countries, getting more than 10 industries involved.



The diversity in our products is a great added value that we offer to our customers, which leads us to face new challenges everyday, crossing competences from various technical needs and transferring an important know-how between different industries.



Regine Switzerland SA is ISO 9001 certified, and this means that our entire processes – from the very start to mass production – guarantee the highest quality standards for our customers.

OUR “JUST RIGHT” APPROACH



We care about every customer's needs. Whether you need a mid-batch size, a high-volume product or a masterpiece, we always tailor our offer for you.

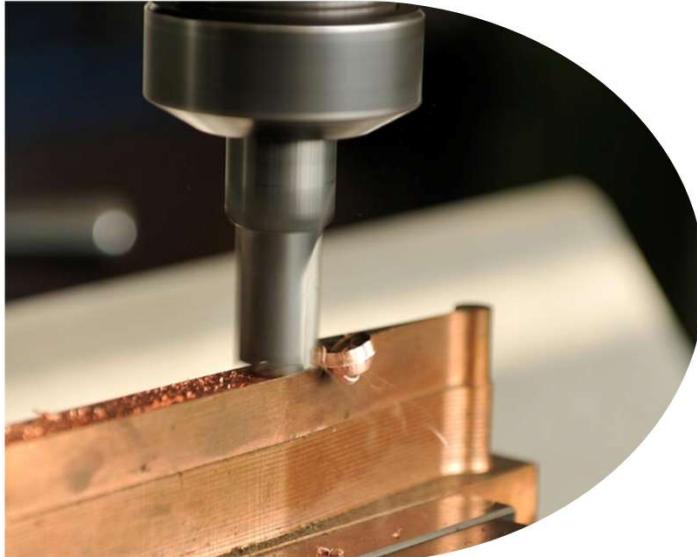
Selecting the right material is an essential and critical step in the industry of precision tools. More than 30 different materials are carefully selected by our experts to provide you with quality technical properties. Forming and shaping the material is our "savoir-faire" heritage where materials get alive.

Finishing is the core of our process. All your tweezers deserve to receive the spirit of our history. Whether we're creating a unique masterpiece or a mass model.

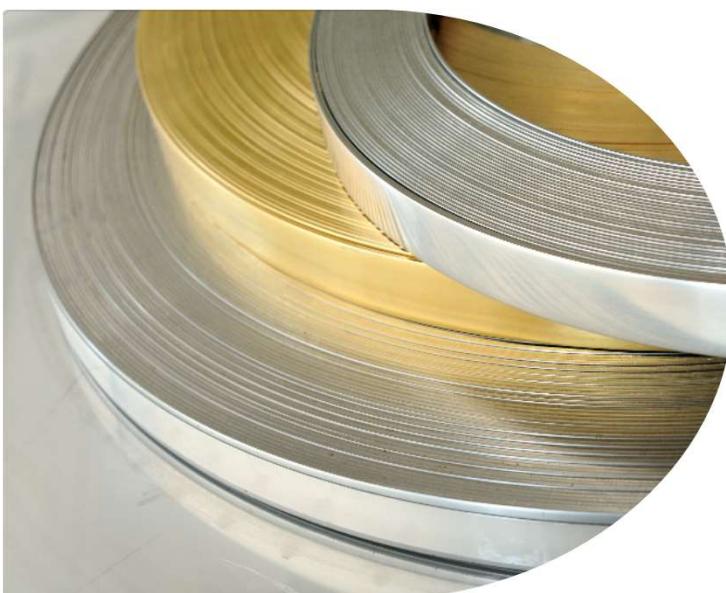
Quality is a must in Regine Group. An in-depth piece-per-piece validation guarantees that all your tweezers leave our factories... just right.

We know how important it is to get what you need, when you need it. That's why we guarantee quick availability of our high-rotation products.

CONTINUOUS IMPROVEMENTS



We constantly strive to improve our processes efficiency integrating technologies and methods

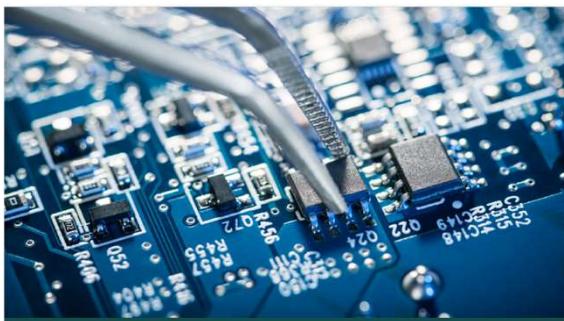


Material selection enhancements are the core to guarantee excellent properties to our products

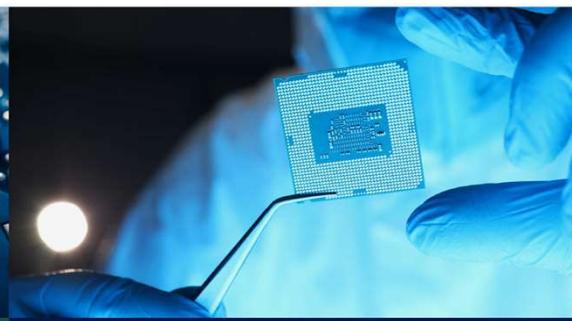


Our people are trained to meet the excellence of our products and creating constantly the “right” tool for the upcoming requirements

BEYOND FINGERS



ELECTRONICS INDUSTRY



AEROSPACE INDUSTRY



MEDTECH INDUSTRY



JEWELRY INDUSTRY



WATCHMAKING
INDUSTRY



LABORATORY &
RESEARCH INDUSTRY



BEAUTY INDUSTRY



OTHER INDUSTRIES



CLASSIC TWEEZERS



CUTTING TWEEZERS



BOLEY TWEEZERS



MINI TWEEZERS



REPLACEABLE TIPS TWEEZERS



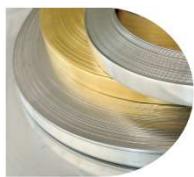
REVERSE ACTION TWEEZERS



PLASTIC TWEEZERS



BEYOND FINGERS



(SA)
**Antimagnetic,
Anti-acid**

Austenitic, non-magnetic, acid-proof, composed of carbon (C), chromium (Cr), nickel (Ni), and molybdenum (Mo), non-corrosive, corrosion-resistant

HARDNESS	++
LIFETIME	+++
RUST RESISTANCE	++++

(ESA)
**Extramagnetic,
Anti-acid**

Austenitic, Extra non-magnetic, acid-proof, composed of carbon (C), chromium (Cr), nickel (Ni), and molybdenum (Mo), non-corrosive, corrosion-resistant

HARDNESS	++
LIFETIME	+++
RUST RESISTANCE	++++

**(S) Hardened
Stainless Steel**

Martensitic, magnetizable, composed of carbon (C), manganese (Mn), chromium (Cr) and silicon (Si), corrosive, excellent hardness

HARDNESS	+++
LIFETIME	+++
RUST RESISTANCE	++

**(C) Carbon
Steel**

Composed of carbon (C), manganese (Mn) and silicon (Si), extremely hard, magnetic, corrosive

**(COB)
Cobasteel**

100% non-magnetic (insensitive to magnetic field), composed of carbon (C), chromium (Cr), molybdenum (Mo), manganese (Mn), cobalt (Co), nickel (Ni) and silicon

HARDNESS	+++
LIFETIME	++++
RUST RESISTANCE	++++

(BR) Brass

Composed of copper (Cu), lead (Pb), tin (Sn), nickel (Ni) and zinc (Zn), 100% non-magnetic, corrosion

(PB) Bronze

Composed of copper (Cu), lead (Pb), tin (Sn), nickel (Ni) and zinc (Zn), 100% non-magnetic, high strength, good hardness, corrosion resistance

(N) Nickel

Non ferrous steel, composed of copper (Cu), nickel (Ni) and zinc (Zn), 100% non-magnetic, good conductor of heat and electricity, corrosion resistance

HARDNESS	+
LIFETIME	++
RUST RESISTANCE	++++

HARDNESS	+
LIFETIME	++
RUST RESISTANCE	++++

(TA) Titanium

Withstands high temperatures, zero-magnetic, composed of carbon (C), iron (Fe), oxygen (O), hydrogen (H), nitrogen (N) and titanium (Ti), excellent resistance to corrosion, 100% non-magnetic

HARDNESS	++
LIFETIME	++
RUST RESISTANCE	++++



Homogeneous aspect suitable for application where cleaning requires a perfect removal of work residual parts. The look is light.



The treatment grants a homogeneous aspect without surface defects



EPOXY treatment gives to the tweezers ESD properties that fit with electronic requirements and clean rooms



Nickel plated finishing provide a better corrosion and wear resistance.



Ensure a better chemical resistance properties and it's perfect where a low friction is required



Gold plated ensure an enhanced resistance to chemical corrosion and electrical conductivity



Tungsten finishing extend the lifetime of the tool, while it increase the chemical resistance and its stiffness



TIPS

EXTRAFINE SUPERFINE

Especially engineered for activities under high magnification where point of contact is precisely defined

FINE SHARP

The fine tipped tweezers are suitable for low magnification or without scope

THICK STRONG

Are used for general purpose operations

FLAT ROUND SQUARE

These tips tweezers are used for different placing flat or delicate items operations

BLUNT

This tip thickness grants an higher resistance to damage, but lack the accuracy of finer tweezers

EXTRA-EXTRA LARGE EXTRA LARGE LARGE MEDIUM

These tips are specifically designed for Jewelry industry where components require a firm, delicate holding

INNER TIPS

SMOOTH

Ideal to handle delicate items

SERRATED

Allow a firm holding

SQUARE SERRATION / RHOMB SERRATION

Allows a firm holding with a bi-directional grip

TEFLON

Tip treatment that gives strength and high temperature resistance

STARLIGHT

Optimal tip to handle very delicate items avoiding scratches

DIAMOND COATED

Grant to the tips a long life-time, high grip and resistance to scratches

BEYOND FINGERS

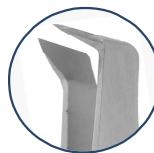


HEAD SHAPE The right size and shape for the perfect cut in any environment



STANDARD

Perfect for general purpose cutting soft wires and flushing off of plastic molds.



RELIEVED ROUND

The short and rounded cutting blades allow a wider visibility and apply the maximum force. Ideal for cutting small strands and flashing off of plastic molds.



MINIATURE

Small head and a thinner body guarantee a lightened handle for great precision cut in a restricted area.



SPECIAL

A variety of different shapes are available for any conceivable field of application.

CUTTING HEDGE Precision and forces applied matching and field of use



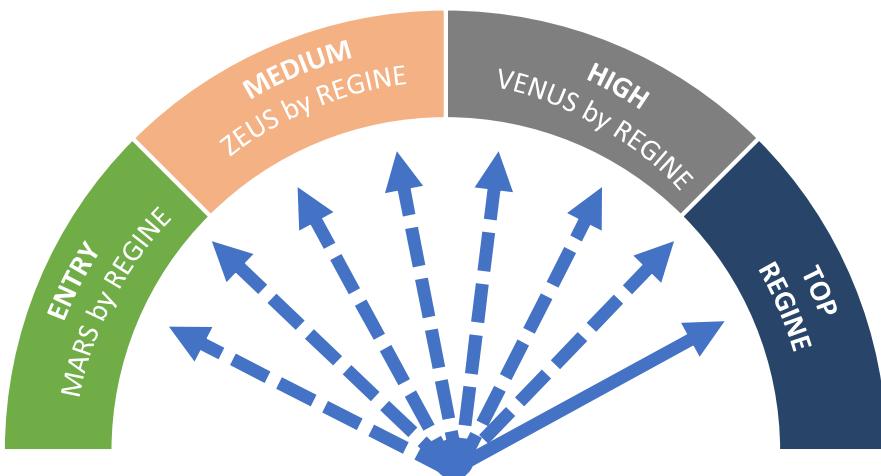
ANGLED BLADES

Blades meet most predominantly at the tips to transfer the maximum force from the tweezer to the tip of the tool.



PARALLEL BLADES

The geometry guarantees a full-flush cut with high precision and leaving a very small pinch on the wire.



TOP: the most extensive offering of Swiss outstanding quality Tweezer. Functionality, Finishing and geometry respect the highest requirements perfectly matching the most demanding applications.



HIGH: a selected portfolio of the most common models available. The perfect choice when functionality is important and working under a 5X-10X magnification



MEDIUM: a selected portfolio of the most common models available. To be used under a low magnification and for standard handling



ENTRY: a selected portfolio of the most common models available. These products are optimal for basic applications.

TWEEZERS

Model	0	Model 0 high is perfect for micro-small component assembly operations enabling a firm handling.	CLASSIC TWEEZERS							
		 <p>OAL (mm) 120</p> <p> TIP Fine</p> <p>General Purpose</p>								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY	E B M J W L A O
0.SA.X.108	(SA)	Sand Blasted	0.15	0.07	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
0.SA.X.1545	(SA)	Satin Finished	0.15	0.07	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
0.SA.X.1547	(SA)	EPOXY	0.15	0.07	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
0.ESA.X.111	(ESA)	Sand Blasted	0.15	0.07	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
0.ESA.X.1549	(ESA)	Satin Finished	0.15	0.07	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
0.S.X.847	(S)	Sand Blasted	0.15	0.08	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
0.S.X.1546	(S)	Satin Finished	0.15	0.08	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
0.S.X.1548	(S)	EPOXY	0.15	0.08	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
0.C.X.769	(C)	Satin Finished	0.15	0.07	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
0.COB.X.825	(COB)	Satin Finished	0.15	0.07	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
Model	00	Model 00 provide, thanks to its thickness, provide an extended tool to firmly handle small-to-micro components in assembly operations	CLASSIC TWEEZERS							
		 <p>OAL (mm) 120</p> <p> TIP Strong, Thick</p> <p>General Purpose</p>								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY	E B M J W L A O
00.SA.X.263	(SA)	Sand Blasted	0.45	0.25	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
00.SA.X.1530	(SA)	Satin Finished	0.45	0.25	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
00.SA.X.1528	(SA)	EPOXY	0.50	0.31	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
00.S.X.281	(S)	Sand Blasted	0.45	0.25	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
00.S.X.1531	(S)	Satin Finished	0.45	0.25	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
00.S.X.1529	(S)	EPOXY	0.50	0.31	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
00.C.X.388	(C)	Satin Finished	0.45	0.25	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
00.SA.X.7	(SA)	Sand Blasted	0.50	0.31	Smooth	Smooth	-	-	High	● ○ ● ○ ● ○ ● ○
00.S.X.174	(S)	Sand Blasted	0.50	0.31	Smooth	Smooth	-	-	High	● ○ ● ○ ● ○ ● ○
Model	0A	Model 0A fine round pointed tips allow bending small wires without scratching. Body strength avoid bending	CLASSIC TWEEZERS							
		 <p>OAL (mm) 120</p> <p> TIP Fine</p> <p>General Purpose</p>								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY	E B M J W L A O
0A.SA.X.1553	(SA)	Sand Blasted	0.14	0.09	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
0A.SA.X.1552	(SA)	Satin Finished	0.14	0.09	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
0A.SA.X.1554	(SA)	EPOXY	-	-	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
0A.S.X.1551	(S)	Sand Blasted	0.11	0.07	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
0A.S.X.1550	(S)	Satin Finished	0.11	0.07	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
0A.S.X.1555	(S)	EPOXY	-	-	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
0A.C.X.535	(C)	Satin Finished	0.11	0.06	Smooth	Smooth	-	-	Top	● ○ ● ○ ● ○ ● ○
Model	000	Model 000 provide, thanks to its thickness, provide an extended tool to firmly handle small-to-micro components in assembly operations	CLASSIC TWEEZERS							
		 <p>OAL (mm) 120</p> <p> TIP Strong, Thick</p> <p>General Purpose</p>								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY	E B M J W L A O
000.SA.X.348	(SA)	Sand Blasted	0.45	0.25	Smooth	Smooth	-	Tips Radiused Edges	Top	● ○ ● ○ ● ○ ● ○
000.S.X.1525	(S)	Sand Blasted	0.45	0.25	Smooth	Smooth	-	Tips Radiused Edges	Top	● ○ ● ○ ● ○ ● ○
000.S.X.1527	(S)	Satin Finished	0.45	0.25	Smooth	Smooth	-	Tips Radiused Edges	Top	● ○ ● ○ ● ○ ● ○
000.C.X.1526	(C)	Satin Finished	0.45	0.25	Smooth	Smooth	-	Tips Radiused Edges	Top	● ○ ● ○ ● ○ ● ○

NOTE:
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- Where A and B are not indicated, they're available upon request

TWEEZERS

Model	00B	Model 00B provide, thanks to its thickness, provide an extended tool in small-to-micro components in assembly operations with en extra-grip								CLASSIC TWEEZERS							
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY	E	B	M	J	W	L	A	O
00B.SA.X.273	(SA)	Sand Blasted	0.45	0.25	Serrated	Smooth	-	-	Top	●	●	●	●	●	●	●	●
00B.SA.X.1534	(SA)	Satin Finished	0.45	0.25	Serrated	Smooth	-	-	Top	●	●	●	●	●	●	●	●
00B.S.X.1532	(S)	Sand Blasted	0.45	0.25	Serrated	Smooth	-	-	Top	●	●	●	●	●	●	●	●
00B.S.X.1535	(S)	Satin Finished	0.45	0.25	Serrated	Smooth	-	-	Top	●	●	●	●	●	●	●	●
00B.C.X.1533	(C)	Satin Finished	0.45	0.25	Serrated	Smooth	-	-	Top	●	●	●	●	●	●	●	●
Model	00C	Model 00B provide, thanks to its thickness, provide an extended tool in small-to-micro components in assembly operations								CLASSIC TWEEZERS							
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY	E	B	M	J	W	L	A	O
00C.SA.X.1540	(SA)	Sand Blasted	0.45	0.25	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●	●
00C.SA.X.1536	(SA)	Satin Finished	0.45	0.25	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●	●
00C.SA.X.1538	(SA)	EPOXY	-	-	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●	●
00C.S.X.1541	(S)	Sand Blasted	0.45	0.25	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●	●
00C.S.X.1537	(S)	Satin Finished	0.45	0.25	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●	●
00C.S.X.1539	(S)	EPOXY	-	-	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●	●
00C.C.X.547	(C)	Satin Finished	0.45	0.25	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●	●
Model	00D	Model 00D provide, thanks to its thickness, provide an extended tool in small-to-micro components in assembly operations with en extra-grip								CLASSIC TWEEZERS							
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY	E	B	M	J	W	L	A	O
00D.SA.X.101	(SA)	Sand Blasted	0.50	0.30	Serrated	Serrated	-	-	Top	●	●	●	●	●	●	●	●
00D.SA.X.1543	(SA)	Satin Finished	0.50	0.30	Serrated	Serrated	-	-	Top	●	●	●	●	●	●	●	●
00D.S.X.1542	(S)	Sand Blasted	0.50	0.30	Serrated	Serrated	-	-	Top	●	●	●	●	●	●	●	●
00D.S.X.1544	(S)	Satin Finished	0.50	0.30	Serrated	Serrated	-	-	Top	●	●	●	●	●	●	●	●
00D.C.X.284	(C)	Satin Finished	0.50	0.30	Serrated	Serrated	-	-	Top	●	●	●	●	●	●	●	●
Model	0C9	Model 0C9 is the ideal for applications which require holding a small component. The short body increase the precision.								MINI TWEEZERS							
PART NUMBER	BODY MATERIAL	Finishing	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY	E	B	M	J	W	L	A	O
0C9.SA.X.1557	(SA)	Sand Blasted	0.13	0.08	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●	●
0C9.SA.X.1556	(SA)	Satin Finished	0.13	0.08	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●	●
0C9.SA.X.1560	(SA)	EPOXY	0.17	0.09	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●	●
0C9.S.X.98	(S)	Sand Blasted	0.12	0.07	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●	●
0C9.S.X.99	(S)	Satin Finished	0.12	0.07	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●	●
0C9.S.X.702	(S)	EPOXY	0.17	0.08	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●	●
0C9.S.X.1558	(S)	EPOXY	0.17	0.09	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●	●
0C9.S.X.644	(S)	Gold Plated	0.12	0.07	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●	●
0C9.C.X.260	(C)	Satin Finished	0.11	0.06	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●	●
0C9.COB.X.1559	(COB)	Satin Finished	0.10	0.06	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●	●
0C9.SA.X.103	(SA)	Sand Blasted	0.17	0.09	Smooth	Smooth	-	-	High	●	●	●	●	●	●	●	●
0C9.S.X.293	(S)	Sand Blasted	0.17	0.08	Smooth	Smooth	-	-	High	●	●	●	●	●	●	●	●

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TWEEZERS

Model

0C10

Model 0C10 is the ideal for applications which require holding a small component. The short body increase the precision.

CLASSIC TWEEZERS


OAL (mm)
100


General Purpose


TIP
Fine


PART NUMBER

BODY MATERIAL

Finishing

A**B****HANDLE**

INNER TIP

TIP**ANGLE****SPECIALTIES****ACCURACY**

E B M J W L A O

0C10.SA.X.1568	(SA)	Sand Blasted	0.13	0.08	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
0C10.SA.X.1567	(SA)	Satin Finished	0.13	0.08	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
0C10.SA.X.1571	(SA)	EPOXY	0.17	0.09	Smooth	Smooth	-	-	Top	●	●	● ● ●	● ● ●
0C10.S.X.1561	(S)	Sand Blasted	0.12	0.07	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
0C10.S.X.824	(S)	Satin Finished	0.12	0.07	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
0C10.S.X.1566	(S)	EPOXY	0.15	0.08	Smooth	Smooth	-	-	Top	●	●	● ● ●	● ● ●
0C10.S.X.1569	(S)	EPOXY	0.15	0.08	Smooth	Smooth	-	-	Top	●	●	● ●	● ●
0C10.S.X.1565	(S)	Gold Plated	0.12	0.07	Smooth	Smooth	-	-	Top	●	●	● ●	● ●
0C10.C.X.1563	(C)	Satin Finished	0.11	0.06	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
0C10.COB.X.1570	(COB)	Satin Finished	0.10	0.06	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
0C10.SA.X.1562	(SA)	Sand Blasted	0.17	0.09	Smooth	Smooth	-	-	High	●	●	● ●	● ●
0C10.S.X.1564	(S)	Sand Blasted	0.15	0.08	Smooth	Smooth	-	-	High	●	●	● ●	● ●

Model

0C11

Model 0C11 is the ideal for applications which require holding a small component. The short body increase the precision.

CLASSIC TWEEZERS


OAL (mm)
110


General Purpose


TIP
Fine


PART NUMBER

BODY MATERIAL

Finishing

A**B****HANDLE**

INNER TIP

TIP**ANGLE****SPECIALTIES****Accuracy Level**

E B M J W L A O

0C11.SA.X.1580	(SA)	Sand Blasted	0.13	0.08	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
0C11.SA.X.1579	(SA)	Satin Finished	0.13	0.08	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
0C11.SA.X.1583	(SA)	EPOXY	0.17	0.09	Smooth	Smooth	-	-	Top	●	●	● ●	● ●
0C11.S.X.1573	(S)	Sand Blasted	0.12	0.06	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
0C11.S.X.1572	(S)	Satin Finished	0.12	0.06	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
0C11.S.X.1578	(S)	EPOXY	0.15	0.08	Smooth	Smooth	-	-	Top	●	●	● ● ●	● ● ●
0C11.S.X.1581	(S)	EPOXY	0.15	0.08	Smooth	Smooth	-	-	Top	●	●	● ●	● ●
0C11.S.X.1577	(S)	Gold Plated	0.12	0.06	Smooth	Smooth	-	-	Top	●	●	● ●	● ●
0C11.C.X.1575	(C)	Satin Finished	0.11	0.06	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
0C11.COB.X.1582	(COB)	Satin Finished	0.10	0.06	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
0C11.SA.X.1574	(SA)	Sand Blasted	0.17	0.09	Smooth	Smooth	-	-	High	●	●	● ●	● ●
0C11.S.X.1576	(S)	Sand Blasted	0.15	0.08	Smooth	Smooth	-	-	High	●	●	● ●	● ●

Model

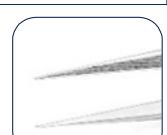
1

Model 1 are suitable to delicate applications which require holding a small component firmly. Its stiff tip and body enable to apply higher forces

CLASSIC TWEEZERS


OAL (mm)
120


General Purpose


TIP
Strong, Fine


PART NUMBER

BODY MATERIAL

Finishing

A**B****HANDLE**

INNER TIP

TIP**ANGLE****SPECIALTIES****Accuracy Level**

E B M J W L A O

1.SA.X.90	(SA)	Sand Blasted	0.20	0.11	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
1.SA.X.91	(SA)	Satin Finished	0.20	0.11	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
1.SA.X.330	(SA)	EPOXY	0.28	0.14	Smooth	Smooth	-	-	Top	●	●	● ●	● ●
1.ESA.X.96	(ESA)	Sand Blasted	0.20	0.11	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
1.S.X.713	(S)	Sand Blasted	0.19	0.10	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
1.S.X.712	(S)	Satin Finished	0.19	0.10	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
1.S.X.1585	(S)	EPOXY	0.19	0.10	Smooth	Smooth	-	-	Top	●	●	● ●	● ●
1.C.X.1584	(C)	Satin Finished	0.22	0.12	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
1.COB.X.538	(COB)	Satin Finished	0.15	0.07	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
1.TA.X.1587	(TA)	Sand Blasted	0.20	0.11	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
1.BR.X.1586	(BR)	Sand Blasted	0.20	0.11	Smooth	Smooth	-	-	Top	● ●	● ●	● ● ●	● ● ●
1.SA.X.123	(SA)	Sand Blasted	0.28	0.14	Smooth	Smooth	-	-	High	●	●	● ●	● ●
1.S.X.186	(S)	Sand Blasted	0.22	0.14	Smooth	Smooth	-	-	High	●	●	● ●	● ●

NOTE:

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- Where A and B are not indicated, they're available upon request

TWEEZERS

Model	1B	Model 1 are suitable to delicate applications which require holding a small component firmly. Its stiff tip and body enable to apply higher forces								CLASSIC TWEEZERS
		 OAL (mm) 120		 General Purpose		 TIP Strong, Fine				
PART NUMBER	BODY MATERIAL	Finishing	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	Accuracy Level	E B M J W L A O
1B.SA.X.1849	(SA)	Sand Blasted	0.20	0.16	Smooth	Serrated	-	-	Top	●
1B.SA.X.1850	(SA)	Satin Finished	0.20	0.16	Smooth	Serrated	-	-	Top	●
1B.S.X.1854	(S)	Sand Blasted	-	-	Smooth	Serrated	-	-	Top	●
1B.S.X.1853	(S)	Satin Finished	-	-	Smooth	Serrated	-	-	Top	●
1B.S.X.1855	(S)	EPOXY	-	-	Smooth	Serrated	-	-	Top	●
1B.COB.X.1852	(COB)	Satin Finished	-	-	Smooth	Serrated	-	-	Top	●
1B.SA.X.1851	(SA)	EPOXY	-	-	Smooth	Serrated	-	-	High	●
Model	1M	Model 1M fits to application requiring high precision handling and good visibility								CLASSIC TWEEZERS
		 OAL (mm) 120		 Surgical		 TIP Strong				
PART NUMBER	BODY MATERIAL	Finishing	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	Accuracy Level	E B M J W L A O
1M.SA.X.791	(SA)	Satin Finished	0.18	0.12	Smooth	Smooth	-	-	Top	● ● ●
1M.S.X.1805	(S)	Satin Finished	0.17	0.12	Smooth	Smooth	-	-	Top	● ● ●
Model	2	Model 2 is useful in delicate applications which require holding a small component.								CLASSIC TWEEZERS
		 OAL (mm) 120		 General Purpose		 TIP Strong				
PART NUMBER	BODY MATERIAL	Finishing	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	Accuracy Level	E B M J W L A O
2.SA.X.219	(SA)	Sand Blasted	0.25	0.14	Smooth	Smooth	-	-	Top	●
2.SA.X.218	(SA)	Satin Finished	0.25	0.14	Smooth	Smooth	-	-	Top	●
2.SA.X.1590	(SA)	EPOXY	0.32	0.15	Smooth	Smooth	-	-	Top	●
2.ESA.X.222	(ESA)	Sand Blasted	0.25	0.14	Smooth	Smooth	-	-	Top	●
2.S.X.677	(S)	Sand Blasted	0.24	0.11	Smooth	Smooth	-	-	Top	●
2.S.X.678	(S)	Satin Finished	0.24	0.11	Smooth	Smooth	-	-	Top	●
2.S.X.1589	(S)	EPOXY	0.28	0.15	Smooth	Smooth	-	-	Top	●
2.C.X.1588	(C)	Satin Finished	0.30	0.15	Smooth	Smooth	-	-	Top	●
2.COB.X.486	(COB)	Satin Finished	0.17	0.08	Smooth	Smooth	-	-	Top	●
2.TA.X.1591	(TA)	Sand Blasted	0.25	0.14	Smooth	Smooth	-	-	Top	●
2.SA.X.138	(SA)	Sand Blasted	0.32	0.15	Smooth	Smooth	-	-	High	●
2.S.X.341	(S)	Sand Blasted	0.28	0.15	Smooth	Smooth	-	-	High	●
Model	2A	Model 2 is useful in applications which require delicate holding a small component firmly thanks to its flat tips								CLASSIC TWEEZERS
		 OAL (mm) 120		 General Purpose		 TIP Flat, Round				
PART NUMBER	BODY MATERIAL	Finishing	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	Accuracy Level	E B M J W L A O
2.SA.X.600	(SA)	Sand Blasted	1.50	0.25	Smooth	Smooth	-	-	Top	●
2.SA.X.1592	(SA)	Satin Finished	1.50	0.25	Smooth	Smooth	-	-	Top	●
2.SA.X.481	(SA)	EPOXY	1.50	0.25	Smooth	Smooth	-	-	Top	●
2.A.ESA.X.601	(ESA)	Sand Blasted	1.50	0.25	Smooth	Smooth	-	-	Top	●
2.A.S.X.1596	(S)	Satin Finished	1.50	0.25	Smooth	Smooth	-	-	Top	●
2.A.S.X.1593	(S)	EPOXY	1.50	0.25	Smooth	Smooth	-	-	Top	●
2.A.C.X.370	(C)	Satin Finished	1.50	0.25	Smooth	Smooth	-	-	Top	●
2.A.COB.X.1594	(COB)	Sand Blasted	1.50	0.25	Smooth	Smooth	-	-	Top	●
2.A.TA.X.1595	(TA)	Sand Blasted	1.50	0.25	Smooth	Smooth	-	-	Top	●
2.A.SA.X.58	(SA)	Sand Blasted	1.50	0.25	Smooth	Smooth	-	-	High	●
2.A.S.X.319	(S)	Sand Blasted	1.50	0.25	Smooth	Smooth	-	-	High	●

NOTE:
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TWEEZERS

Model	2AB	Model 2AB is for applications which require delicate holding a flat component firmly, granting access in restricted areas thanks to its curved tips								CLASSIC TWEEZERS
PART NUMBER	BODY MATERIAL	Finishing	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	Accuracy Level	E B M J W L A O
2AB.SA.X.1597	(SA)	Sand Blasted	1.50	0.25	Smooth	Smooth	-	Curved tips	Top	● ● ● ● ● ● ● ●
2AB.SA.X.1598	(SA)	Satin Finished	1.50	0.25	Smooth	Smooth	-	Curved tips	Top	● ● ● ● ● ● ● ●
2AB.ESA.X.1601	(ESA)	Sand Blasted	1.50	0.25	Smooth	Smooth	-	Curved tips	Top	● ● ● ● ● ● ● ●
2AB.S.X.1599	(S)	Sand Blasted	1.50	0.25	Smooth	Smooth	-	Curved tips	Top	● ● ● ● ● ● ● ●
2AB.S.X.1600	(S)	Satin Finished	1.50	0.25	Smooth	Smooth	-	Curved tips	Top	● ● ● ● ● ● ● ●
2AB.N.X.614	(N)	Sand Blasted	1.50	0.25	Smooth	Smooth	-	Curved tips	Top	● ● ● ● ● ● ● ●
Model	2M	Model 2M fits to application requiring high precision handling and good visibility								CLASSIC TWEEZERS
PART NUMBER	BODY MATERIAL	Finishing	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	Accuracy Level	E B M J W L A O
2M.SA.X.766	(SA)	Satin Finished	0.28	0.12	Smooth	Smooth	-	-	Top	● ●
2M.S.X.1806	(S)	Satin Finished	0.26	0.12	Smooth	Smooth	-	-	Top	● ●
Model	3	Model 3 is for applications which require delicate holding a small component firmly avoiding bending thanks to its very hard, stiff tips and body.								CLASSIC TWEEZERS
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	Accuracy Level	E B M J W L A O
3.SA.X.55	(SA)	Sand Blasted	0.13	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
3.SA.X.54	(SA)	Satin Finished	0.13	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
3.SA.X.283	(SA)	EPOXY	0.20	0.11	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
3.ESA.X.51	(ESA)	Sand Blasted	0.13	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
3.S.X.418	(S)	Sand Blasted	0.09	0.06	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
3.S.X.417	(S)	Satin Finished	0.09	0.06	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
3.S.X.1964	(S)	EPOXY	0.19	0.14	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
3.C.X.516	(C)	Satin Finished	0.13	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
3.COB.X.610	(COB)	Satin Finished	0.09	0.04	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
3.TA.X.641	(TA)	Sand Blasted	0.13	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
3.BR.X.1602	(BR)	Sand Blasted	0.13	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
3.BR.X.297	(BR)	EPOXY	0.20	0.11	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
3.SA.X.142	(SA)	Sand Blasted	0.20	0.11	Smooth	Smooth	-	-	High	● ● ● ●
3.S.X.87	(S)	Sand Blasted	0.19	0.14	Smooth	Smooth	-	-	High	● ● ● ●
Model	3B	Model 1 are suitable to delicate applications which require holding a small component firmly. Its stiff tip and body enable to apply higher forces								CLASSIC TWEEZERS
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
3B.SA.X.1856	(SA)	Sand Blasted	0.17	0.12	Smooth	Serrated	-	-	Top	● ● ● ● ● ● ● ●
3B.SA.X.1857	(SA)	Satin Finished	0.17	0.12	Smooth	Serrated	-	-	Top	● ● ● ● ● ● ● ●
3.B.S.X.1861	(S)	Sand Blasted	-	-	Smooth	Serrated	-	-	Top	● ● ● ● ● ● ● ●
3.B.S.X.1860	(S)	Satin Finished	-	-	Smooth	Serrated	-	-	Top	● ● ● ● ● ● ● ●
3.B.S.X.1862	(S)	EPOXY	-	-	Smooth	Serrated	-	-	Top	● ● ● ● ● ● ● ●
3.B.COB.X.1859	(COB)	Satin Finished	-	-	Smooth	Serrated	-	-	Top	● ● ● ● ● ● ● ●
3B.SA.X.1858	(SA)	EPOXY	-	-	Smooth	Serrated	-	-	High	● ● ● ●

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TWEEZERS

Model	3C	Model 3C is for applications for holding a small component with a firmer grip thanks to the short body allows and very hard, stiff tips and body.	CLASSIC TWEEZERS							
		  OAL (mm) 110  TIP Sharp	 General Purpose 							
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
3C.SA.X.39	(SA)	Sand Blasted	0.10	0.06	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
3C.SA.X.1604	(SA)	EPOXY	0.12	0.09	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
3C.ESA.X.40	(ESA)	Sand Blasted	0.10	0.06	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
3C.S.X.459	(S)	Sand Blasted	0.08	0.05	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
3C.S.X.460	(S)	Satin Finished	0.08	0.05	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
3C.S.X.1605	(S)	EPOXY	0.08	0.05	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
3C.C.X.280	(C)	Satin Finished	0.08	0.06	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
3C.COB.X.396	(COB)	Satin Finished	0.10	0.05	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
3C.BR.X.1603	(BR)	Sand Blasted	0.10	0.06	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
3C.BR.X.574	(BR)	EPOXY	0.10	0.06	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
3C.SA.X.45	(SA)	Sand Blasted	0.12	0.09	Smooth	Smooth	-	-	High	● ● ● ● ● ● ● ● ● ●
3C.S.X.135	(S)	Sand Blasted	0.16	0.07	Smooth	Smooth	-	-	High	● ● ● ● ● ● ● ● ● ●
Model	3CB	Model 3CB is useful for applications holding a small component firmly. The short body improve its firmer grip. The bent geometry increases ergonomy.	CLASSIC TWEEZERS							
		  OAL (mm) 110  TIP Sharp	 General Purpose 							
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
3CB.SA.X.1607	(SA)	Sand Blasted	-	-	Smooth	Smooth	45°	-	Top	● ● ● ● ● ● ● ● ● ●
3CB.SA.X.1608	(SA)	Satin Finished	-	-	Smooth	Smooth	45°	-	Top	● ● ● ● ● ● ● ● ● ●
3CB.ESA.X.1609	(ESA)	Sand Blasted	-	-	Smooth	Smooth	45°	-	Top	● ● ● ● ● ● ● ● ● ●
3CB.S.X.472	(S)	Sand Blasted	0.12	0.09	Smooth	Smooth	45°	-	Top	● ● ● ● ● ● ● ● ● ●
3CB.S.X.1606	(S)	Satin Finished	0.12	0.09	Smooth	Smooth	45°	-	Top	● ● ● ● ● ● ● ● ● ●
Model	3M	Model 3M fits to application requiring high precision handling and good visibility	CLASSIC TWEEZERS							
		  OAL (mm) 120  TIP Fine	 Surgical 							
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
3M.SA.X.1807	(SA)	Satin Finished	0.12	0.07	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
3M.S.X.764	(S)	Satin Finished	0.11	0.07	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
Model	4	Model 4 fits to application requiring high precision handling and good visibility	CLASSIC TWEEZERS							
		  OAL (mm) 110  TIP Superfine	 General Purpose 							
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
4.SA.X.146	(SA)	Sand Blasted	0.14	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
4.SA.X.147	(SA)	Satin Finished	0.14	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
4.SA.X.384	(SA)	EPOXY	0.18	0.12	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
4.ESA.X.151	(ESA)	Sand Blasted	0.14	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
4.S.X.1610	(S)	Sand Blasted	0.12	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
4.S.X.804	(S)	Satin Finished	0.12	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
4.S.X.1611	(S)	EPOXY	0.17	0.10	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
4.C.X.771	(C)	Satin Finished	0.13	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
4.COB.X.662	(COB)	Satin Finished	0.09	0.05	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
4.TA.X.1612	(TA)	Sand Blasted	0.14	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
4.BR.X.1613	(BR)	Sand Blasted	0.14	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ● ● ●
4.SA.X.197	(SA)	Sand Blasted	0.18	0.12	Smooth	Smooth	-	-	High	● ● ● ● ● ● ● ● ● ●
4.S.X.248	(S)	Sand Blasted	0.17	0.10	Smooth	Smooth	-	-	High	● ● ● ● ● ● ● ● ● ●

NOTE:
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TWEEZERS

Model	4A	Model 4A fits to application requiring high precision handling and good visibility	CLASSIC TWEEZERS							
		 <p>OAL (mm) 110</p> <p> TIP Fine</p> <p></p>								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
4A.SA.X.1615	(SA)	Sand Blasted	0.20	0.12	Smooth	Smooth	-	-	Top	
4A.SA.X.1616	(SA)	Satin Finished	0.20	0.12	Smooth	Smooth	-	-	Top	
4A.S.X.1617	(S)	Sand Blasted	0.18	0.12	Smooth	Smooth	-	-	Top	
4A.S.X.1618	(S)	Satin Finished	0.18	0.12	Smooth	Smooth	-	-	Top	
4A.SA.X.277	(SA)	Sand Blasted	0.22	0.13	Smooth	Smooth	-	-	High	
4A.S.X.1614	(S)	Sand Blasted	0.21	0.13	Smooth	Smooth	-	-	High	
Model	4B	Model 1 are suitable to delicate applications which require holding a small component firmly. Its stiff tip and body enable to apply higher forces	CLASSIC TWEEZERS							
		 <p>OAL (mm) 120</p> <p> TIP Strong, Fine</p> <p></p>								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
4B.SA.X.1863	(SA)	Sand Blasted	0.19	0.13	Smooth	Serrated	-	-	Top	
4B.SA.X.1864	(SA)	Satin Finished	0.19	0.13	Smooth	Serrated	-	-	Top	
4B.S.X.1868	(S)	Sand Blasted	0.18	0.12	Smooth	Serrated	-	-	Top	
4B.S.X.1867	(S)	Satin Finished	0.18	0.12	Smooth	Serrated	-	-	Top	
4B.S.X.1869	(S)	EPOXY	-	-	Smooth	Serrated	-	-	Top	
4B.COB.X.1866	(COB)	Satin Finished	-	-	Smooth	Serrated	-	-	Top	
4B.SA.X.1865	(SA)	EPOXY	-	-	Smooth	Serrated	-	-	High	
Model	4M	Model 4M fits to application requiring high precision handling and good visibility	CLASSIC TWEEZERS							
		 <p>OAL (mm) 110</p> <p> TIP Extrafine</p> <p></p>								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
4M.SA.X.1809	(SA)	Satin Finished	0.13	0.07	Smooth	Smooth	-	-	Top	
4M.S.X.1810	(S)	Satin Finished	0.12	0.09	Smooth	Smooth	-	-	Top	
Model	29	Model 29 is ideal for dipping components in soldering bath thanks to its handle with fiber application	REVERSE ACTION TWEEZERS							
		 <p>OAL (mm) 160</p> <p> TIP Round, Blunt</p> <p></p>								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
29.SA.X.689	(SA)	Sand Blasted	1.77	0.23	Smooth	Smooth	-	Bakelite-grip handle	Top	

NOTE:
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TWEEZERS

Model

5

Model 5 is the perfect tool for handling small components firmly with a stiff tips and body preventing from bending.

CLASSIC TWEEZERS


OAL (mm)
110


General Purpose


TIP
Superfine


PART NUMBER

BODY MATERIAL

FINISHING

A**B****HANDLE****INNER TIP****TIP****ANGLE****SPECIALTIES****ACCURACY LEVEL**

E B M J W L A O

5.SA.X.15	(SA)	Sand Blasted	0.11	0.06	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●
5.SA.X.18	(SA)	Satin Finished	0.11	0.06	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●
5.SA.X.1619	(SA)	EPOXY	0.14	0.09	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●
5.ESA.X.14	(ESA)	Sand Blasted	0.11	0.06	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●
5.S.X.4	(S)	Sand Blasted	0.08	0.05	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●
5.S.X.5	(S)	Satin Finished	0.08	0.05	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●
5.S.X.1620	(S)	EPOXY	0.15	0.10	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●
5.C.X.768	(C)	Satin Finished	0.09	0.06	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●
5.COB.X.506	(COB)	Satin Finished	0.06	0.03	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●
5.TA.X.424	(TA)	Sand Blasted	0.11	0.06	Smooth	Smooth	-	-	Top	●	●	●	●	●	●	●
5.SA.X.118	(SA)	Sand Blasted	0.14	0.09	Smooth	Smooth	-	-	High	●	●	●	●	●	●	●
5.S.X.192	(S)	Sand Blasted	0.15	0.10	Smooth	Smooth	-	-	High	●	●	●	●	●	●	●

Model

5A

Model 5A fits to application requiring high precision handling and good visibility

CLASSIC TWEEZERS


OAL (mm)
115


General Purpose


TIP
Fine


PART NUMBER

BODY MATERIAL

FINISHING

A**B****HANDLE****INNER TIP****TIP****ANGLE****SPECIALTIES****ACCURACY LEVEL**

E B M J W L A O

5.SA.X.125	(SA)	Sand Blasted	0.15	0.08	Smooth	Smooth	-	Oblique tips	Top	●	●	●	●	●	●	●
5.SA.X.1622	(SA)	Satin Finished	0.15	0.08	Smooth	Smooth	-	Oblique tips	Top	●	●	●	●	●	●	●
5.SA.X.1627	(SA)	EPOXY	0.17	0.10	Smooth	Smooth	-	Oblique tips	Top	●	●	●	●	●	●	●
5.ESA.X.126	(ESA)	Sand Blasted	0.15	0.08	Smooth	Smooth	-	Oblique tips	Top	●	●	●	●	●	●	●
5.S.X.760	(S)	Sand Blasted	0.13	0.08	Smooth	Smooth	-	Oblique tips	Top	●	●	●	●	●	●	●
5.A.S.X.1623	(S)	Satin Finished	0.13	0.08	Smooth	Smooth	-	Oblique tips	Top	●	●	●	●	●	●	●
5.A.S.X.1626	(S)	EPOXY	0.16	0.10	Smooth	Smooth	-	Oblique tips	Top	●	●	●	●	●	●	●
5.A.C.X.1624	(C)	Satin Finished	0.11	0.08	Smooth	Smooth	-	Oblique tips	Top	●	●	●	●	●	●	●
5.COB.X.1625	(COB)	Satin Finished	0.09	0.06	Smooth	Smooth	-	Oblique tips	Top	●	●	●	●	●	●	●
5.A.TA.X.1628	(TA)	Sand Blasted	0.15	0.08	Smooth	Smooth	-	Oblique tips	Top	●	●	●	●	●	●	●
5.SA.X.165	(SA)	Sand Blasted	0.17	0.10	Smooth	Smooth	-	Oblique tips	High	●	●	●	●	●	●	●
5.A.S.X.1621	(S)	Sand Blasted	0.16	0.10	Smooth	Smooth	-	Oblique tips	High	●	●	●	●	●	●	●

Model

5AR

Model 5AR fits to application requiring high precision handling and good visibility. Its oblique tips allow a good positioning

CLASSIC TWEEZERS


OAL (mm)
115


General Purpose


TIP
Superfine


PART NUMBER

BODY MATERIAL

FINISHING

A**B****HANDLE****INNER TIP****TIP****ANGLE****SPECIALTIES****ACCURACY LEVEL**

E B M J W L A O

5.SA.X.183	(SA)	Sand Blasted	0.13	0.06	Smooth	Smooth	45°	Oblique tips	Top	●	●	●	●	●	●	●
5.SA.X.1629	(SA)	Satin Finished	0.13	0.06	Smooth	Smooth	45°	Oblique tips	Top	●	●	●	●	●	●	●
5.ESA.X.1631	(ESA)	Sand Blasted	0.13	0.06	Smooth	Smooth	45°	Oblique tips	Top	●	●	●	●	●	●	●
5.A.S.X.349	(S)	Sand Blasted	0.11	0.05	Smooth	Smooth	45°	Oblique tips	Top	●	●	●	●	●	●	●
5.A.S.X.1630	(S)	Satin Finished	0.11	0.05	Smooth	Smooth	45°	Oblique tips	Top	●	●	●	●	●	●	●

TWEEZERS

Model	5B	Model 5B are suitable to delicate applications which require holding a small component firmly. Its stiff tip and body enable to apply higher forces							CLASSIC TWEEZERS
			 OAL (mm) 120	 General Purpose	 TIP Strong, Fine				
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
5B.SA.X.1870	(SA)	Sand Blasted	-	-	Smooth	Serrated	-	-	Top
5B.SA.X.1871	(SA)	Satin Finished	-	-	Smooth	Serrated	-	-	Top
5B.S.X.1875	(S)	Sand Blasted	-	-	Smooth	Serrated	-	-	Top
5B.S.X.1874	(S)	Satin Finished	-	-	Smooth	Serrated	-	-	Top
5B.S.X.1876	(S)	EPOXY	-	-	Smooth	Serrated	-	-	Top
5B.COB.X.1873	(COB)	Satin Finished	-	-	Smooth	Serrated	-	-	Top
5B.SA.X.1872	(SA)	EPOXY	-	-	Smooth	Serrated	-	-	High
Model	5C	Model 5C fits to application requiring high precision handling and good visibility							CLASSIC TWEEZERS
			 OAL (mm) 115	 General Purpose	 TIP Superfine				
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
5C.SA.X.235	(SA)	Sand Blasted	0.16	0.07	Smooth	Smooth	-	Cambered tips	Top
5C.SA.X.1632	(SA)	Satin Finished	0.16	0.07	Smooth	Smooth	-	Cambered tips	Top
5C.ESA.X.1635	(ESA)	Sand Blasted	0.16	0.07	Smooth	Smooth	-	Cambered tips	Top
5C.S.X.1633	(S)	Sand Blasted	0.15	0.06	Smooth	Smooth	-	Cambered tips	Top
5C.S.X.1634	(S)	Satin Finished	0.15	0.06	Smooth	Smooth	-	Cambered tips	Top
Model	5F	Model 5F fits to application requiring high precision handling and good visibility							CLASSIC TWEEZERS
			 OAL (mm) 110	 General Purpose	 TIP Extrafine				
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
5F.SA.X.203	(SA)	Sand Blasted	0.08	0.03	Smooth	Smooth	-	-	Top
5F.SA.X.202	(SA)	Satin Finished	0.08	0.03	Smooth	Smooth	-	-	Top
5F.ESA.X.206	(ESA)	Sand Blasted	0.08	0.03	Smooth	Smooth	-	-	Top
5F.S.X.223	(S)	Sand Blasted	0.07	0.03	Smooth	Smooth	-	-	Top
5F.S.X.1636	(S)	Satin Finished	0.07	0.03	Smooth	Smooth	-	-	Top
5F.COB.X.598	(COB)	Satin Finished	0.03	0.02	Smooth	Smooth	-	-	Top
Model	5FM	Model 5FM fits to application requiring high precision handling and good visibility							CLASSIC TWEEZERS
			 OAL (mm) 110	 Surgical	 TIP Extrafine				
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
5FM.SA.X.1812	(SA)	Satin Finished	-	-	Smooth	Smooth	-	-	Top
5FM.S.X.1811	(S)	Satin Finished	-	-	Smooth	Smooth	-	-	Top

NOTE:
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TWEEZERS

Model	5M	Model 5M fits to application requiring high precision handling and good visibility	CLASSIC TWEezers							
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
5M.SA.X.494	(SA)	Satin Finished	0.10	0.06	Smooth	Smooth	-	-	Top	● ●
5M.S.X.590	(S)	Satin Finished	0.09	0.06	Smooth	Smooth	-	-	Top	● ●
Model	5RT	Model 5RT are the excellent tool thanks to its temperaturer esistance up to 120 C°. Its polymer Carbofib tips ensure endurance and excellent handle of soft parts.				REPLECEABLE TIPS TWEezers				
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
5RT.SA.CF.344	(SA)	Sand Blasted	0.50	0.50	Smooth	Smooth	-	Replaceable Carbofib tips	Top	● ●
5RT.SA.DG.703	(SA)	Sand Blasted	0.50	0.50	Smooth	Smooth	-	Replaceable Delrin tips	Top	● ●
5RT.SA.CP.793	(SA)	Sand Blasted	0.50	0.50	Smooth	Smooth	-	Replaceable Peek tips	Top	● ●
Model	5S	Model 5S guarantee very precise handling in restricted areas where the angled tips allow a perfect positioning				CLASSIC TWEezers				
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
5S.SA.6.67	(SA)	Sand Blasted	0.13	0.07	Smooth	Smooth	45°	Tip Bent 6 mm	Top	● ●
5S.SA.4.1637	(SA)	Sand Blasted	0.13	0.07	Smooth	Smooth	45°	Tip Bent 4 mm	Top	● ●
5S.SA.8.1638	(SA)	Sand Blasted	0.13	0.07	Smooth	Smooth	45°	Tip Bent 8 mm	Top	● ●
5S.SA.12.1639	(SA)	Sand Blasted	0.13	0.07	Smooth	Smooth	45°	Tip Bent 12 mm	Top	● ●
5S.SA.10.1640	(SA)	Sand Blasted	0.13	0.07	Smooth	Smooth	45°	Tip Bent 10 mm	Top	● ●
5S.SA.6.66	(SA)	Satin Finished	0.13	0.07	Smooth	Smooth	45°	Tip Bent 6 mm	Top	● ●
5S.SA.4.354	(SA)	Satin Finished	0.13	0.07	Smooth	Smooth	45°	Tip Bent 4 mm	Top	● ●
5S.SA.8.542	(SA)	Satin Finished	0.13	0.07	Smooth	Smooth	45°	Tip Bent 8 mm	Top	● ●
5S.SA.12.552	(SA)	Satin Finished	0.13	0.07	Smooth	Smooth	45°	Tip Bent 12 mm	Top	● ●
5S.SA.10.554	(SA)	Satin Finished	0.13	0.07	Smooth	Smooth	45°	Tip Bent 10 mm	Top	● ●
5S.S.6.607	(S)	Sand Blasted	0.11	0.07	Smooth	Smooth	45°	Tip Bent 6 mm	Top	● ●
5S.S.4.1642	(S)	Sand Blasted	0.11	0.07	Smooth	Smooth	45°	Tip Bent 4 mm	Top	● ●
5S.S.8.1643	(S)	Sand Blasted	0.11	0.07	Smooth	Smooth	45°	Tip Bent 8 mm	Top	● ●
5S.S.12.1644	(S)	Sand Blasted	0.11	0.07	Smooth	Smooth	45°	Tip Bent 12 mm	Top	● ●
5S.S.10.1645	(S)	Sand Blasted	0.11	0.07	Smooth	Smooth	45°	Tip Bent 10 mm	Top	● ●
5S.S.6.1646	(S)	Satin Finished	0.11	0.07	Smooth	Smooth	45°	Tip Bent 6 mm	Top	● ●
5S.S.4.1647	(S)	Satin Finished	0.11	0.07	Smooth	Smooth	45°	Tip Bent 4 mm	Top	● ●
5S.S.8.1648	(S)	Satin Finished	0.11	0.07	Smooth	Smooth	45°	Tip Bent 8 mm	Top	● ●
5S.S.12.1649	(S)	Satin Finished	0.11	0.07	Smooth	Smooth	45°	Tip Bent 12 mm	Top	● ●
5S.S.10.1650	(S)	Satin Finished	0.11	0.07	Smooth	Smooth	45°	Tip Bent 10 mm	Top	● ●
5S.C.6.1641	(C)	Satin Finished	0.10	0.07	Smooth	Smooth	45°	Tip Bent 6 mm	Top	● ●

NOTE:
- Measures might slightly diverge. The products are handcrafted.

TWEEZERS

Model

6

Model 6 allow a good small components handling in specifica areas thanks to its angled tips.

CLASSIC TWEEZERS


 OAL (mm)
115

TIP
Fine, Sharp


General Purpose



PART NUMBER

BODY MATERIAL

FINISHING

A
(mm)B
(mm)

HANDLE

INNER TIP

TIP ANGLE

SPECIALTIES

ACCURACY LEVEL

E B M J W L A O

6.SA.X.563	(SA)	Sand Blasted	0.18	0.07	Smooth	Smooth	-	Hooked tips	Top	● ● ●
6.SA.X.1652	(SA)	Satin Finished	0.18	0.07	Smooth	Smooth	-	Hooked tips	Top	● ● ●
6.SA.X.1655	(SA)	EPOXY	0.23	0.09	Smooth	Smooth	-	Hooked tips	Top	● ● ●
6.ESA.X.1657	(ESA)	Sand Blasted	0.18	0.07	Smooth	Smooth	-	Hooked tips	Top	● ● ●
6.S.X.1654	(S)	Sand Blasted	0.18	0.07	Smooth	Smooth	-	Hooked tips	Top	● ● ●
6.S.X.1653	(S)	Satin Finished	0.18	0.07	Smooth	Smooth	-	Hooked tips	Top	● ● ●
6.S.X.1656	(S)	EPOXY	0.23	0.09	Smooth	Smooth	-	Hooked tips	Top	● ● ●
6.C.X.1659	(C)	Satin Finished	0.16	0.07	Smooth	Smooth	-	Hooked tips	Top	● ● ●
6.TA.X.1658	(TA)	Sand Blasted	0.18	0.07	Smooth	Smooth	-	Hooked tips	Top	● ● ●
6.SA.X.180	(SA)	Sand Blasted	0.23	0.09	Smooth	Smooth	-	Hooked tips	High	● ● ●
6.S.X.617	(S)	Sand Blasted	0.23	0.09	Smooth	Smooth	-	Hooked tips	High	● ● ●

Model

6B

Model 1 are suitable to delicate applications which require holding a small component firmly. Its stiff tip and body enable to apply higher forces

CLASSIC TWEEZERS


 OAL (mm)
120

TIP
Strong, Fine


General Purpose



PART NUMBER

BODY MATERIAL

FINISHING

A
(mm)B
(mm)

HANDLE

INNER TIP

TIP ANGLE

SPECIALTIES

ACCURACY LEVEL

E B M J W L A O

6B.SA.X.1877	(SA)	Sand Blasted	-	-	Smooth	Serrated	-	-	Top	● ● ●
6B.SA.X.1878	(SA)	Satin Finished	-	-	Smooth	Serrated	-	-	Top	● ● ●
6B.S.X.1882	(S)	Sand Blasted	-	-	Smooth	Serrated	-	-	Top	● ● ●
6B.S.X.1881	(S)	Satin Finished	-	-	Smooth	Serrated	-	-	Top	● ● ●
6B.S.X.1883	(S)	EPOXY	-	-	Smooth	Serrated	-	-	Top	● ● ●
6B.COB.X.1880	(COB)	Satin Finished	-	-	Smooth	Serrated	-	-	Top	● ● ●
6B.SA.X.1879	(SA)	EPOXY	-	-	Smooth	Serrated	-	-	High	● ● ●

Model

6M

Model 6M allow a good small components handling in specifica areas thanks to its angled tips.

CLASSIC TWEEZERS


 OAL (mm)
115

TIP
Fine, Sharp


Surgical



PART NUMBER

BODY MATERIAL

FINISHING

A
(mm)B
(mm)

HANDLE

INNER TIP

TIP ANGLE

SPECIALTIES

ACCURACY LEVEL

E B M J W L A O

6M.SA.X.1813	(SA)	Satin Finished	0.15	0.06	Smooth	Smooth	-	Hooked tips	Top	● ● ●
6M.S.X.1814	(S)	Satin Finished	0.15	0.06	Smooth	Smooth	-	Hooked tips	Top	● ● ●

Model

7

Model 7 fits to applications which require holding a small component firmly. The curved geometry allow access and handling in demanding working areas.

CLASSIC TWEEZERS


 OAL (mm)
115

TIP
Fine


General Purpose



PART NUMBER

BODY MATERIAL

FINISHING

A
(mm)B
(mm)

HANDLE

INNER TIP

TIP ANGLE

SPECIALTIES

ACCURACY LEVEL

E B M J W L A O

7.SA.X.76	(SA)	Sand Blasted	0.15	0.08	Smooth	Smooth	-	Curved tips	Top	● ● ●
7.SA.X.77	(SA)	Satin Finished	0.15	0.08	Smooth	Smooth	-	Curved tips	Top	● ● ●
7.SA.X.1661	(SA)	EPOXY	0.18	0.10	Smooth	Smooth	-	Curved tips	Top	● ● ●
7.E.SA.X.82	(ESA)	Sand Blasted	0.15	0.08	Smooth	Smooth	-	Curved tips	Top	● ● ●
7.S.X.611	(S)	Sand Blasted	0.13	0.08	Smooth	Smooth	-	Curved tips	Top	● ● ●
7.S.X.1660	(S)	Satin Finished	0.13	0.08	Smooth	Smooth	-	Curved tips	Top	● ● ●
7.S.X.1662	(S)	EPOXY	0.17	0.09	Smooth	Smooth	-	Curved tips	Top	● ● ●
7.C.X.632	(C)	Satin Finished	0.15	0.11	Smooth	Smooth	-	Curved tips	Top	● ● ●
7.COB.X.584	(COB)	Satin Finished	0.10	0.06	Smooth	Smooth	-	Curved tips	Top	● ● ●
7.TA.X.593	(TA)	Sand Blasted	0.15	0.08	Smooth	Smooth	-	Curved tips	Top	● ● ●
7.BR.X.1663	(BR)	Sand Blasted	0.15	0.08	Smooth	Smooth	-	Curved tips	Top	● ● ●
7.SA.X.129	(SA)	Sand Blasted	0.18	0.10	Smooth	Smooth	-	Curved tips	High	● ● ●
7.S.X.231	(S)	Sand Blasted	0.17	0.09	Smooth	Smooth	-	Curved tips	High	● ● ●

NOTE:

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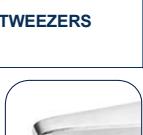
- Where A and B are not indicated, they're available upon request

TWEEZERS

Model	7A	Model 7A fits to applications which require holding a small component firmly. The curved geometry allow access and handling in demanding working areas.							CLASSIC TWEEZERS
		  OAL (mm) 115  General Purpose 							
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
7A.SA.X.1665	(SA)	Sand Blasted	0.29	0.18	Smooth	Smooth	-	Curved tips	Top
7A.SA.X.1666	(SA)	Satin Finished	0.29	0.18	Smooth	Smooth	-	Curved tips	Top
7A.SA.X.1671	(SA)	EPOXY	0.35	0.19	Smooth	Smooth	-	Curved tips	Top
7A.ESA.X.1673	(ESA)	Sand Blasted	0.29	0.18	Smooth	Smooth	-	Curved tips	Top
7A.S.X.1667	(S)	Sand Blasted	0.28	0.17	Smooth	Smooth	-	Curved tips	Top
7A.S.X.1668	(S)	Satin Finished	0.28	0.17	Smooth	Smooth	-	Curved tips	Top
7A.S.X.1672	(S)	EPOXY	0.33	0.17	Smooth	Smooth	-	Curved tips	Top
7A.C.X.1669	(C)	Satin Finished	0.28	0.17	Smooth	Smooth	-	Curved tips	Top
7A.TA.X.1674	(TA)	Sand Blasted	0.29	0.18	Smooth	Smooth	-	Curved tips	Top
7A.BR.X.1670	(BR)	Sand Blasted	0.29	0.18	Smooth	Smooth	-	Curved tips	Top
7A.SAX.307	(SA)	Sand Blasted	0.35	0.19	Smooth	Smooth	-	Curved tips	High
7A.S.X.1664	(S)	Sand Blasted	0.33	0.17	Smooth	Smooth	-	Curved tips	High
Model	7B	Model 7B fits to applications which require holding a small component firmly. The curved geometry allow access and handling in demanding working areas.							CLASSIC TWEEZERS
		  OAL (mm) 115  General Purpose 							
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
7B.SA.X.372	(SA)	Sand Blasted	0.20	0.16	Smooth	Serrated	-	Curved tips	Top
7B.SA.X.1675	(SA)	Satin Finished	0.20	0.16	Smooth	Serrated	-	Curved tips	Top
7B.SA.X.1677	(SA)	EPOXY	-	-	Smooth	Serrated	-	Curved tips	Top
7B.S.X.303	(S)	Sand Blasted	0.18	0.16	Smooth	Serrated	-	Curved tips	Top
7B.S.X.1676	(S)	Satin Finished	0.18	0.16	Smooth	Serrated	-	Curved tips	Top
7B.S.X.1678	(S)	EPOXY	-	-	Smooth	Serrated	-	Curved tips	Top
7B.COB.X.652	(COB)	Satin Finished	-	-	Smooth	Serrated	-	Curved tips	Top
Model	7M	-							CLASSIC TWEEZERS
		  OAL (mm) 115  Surgical 							
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
7M.SA.X.1815	(SA)	Satin Finished	0.16	0.10	Smooth	Smooth	-	Curved tips	Top
7M.S.X.1816	(S)	Satin Finished	0.15	0.10	Smooth	Smooth	-	Curved tips	Top
Model	11	Model 11 are suitable to delicate applications which require holding a small component firmly. The Nickel material provides good scratch resistance.							CLASSIC TWEEZERS
		  OAL (mm) 120  General Purpose 							
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
11.N.X.339	(N)	Satin Finished	0.18	0.13	Smooth	Smooth	-	-	Top

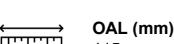
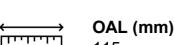
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TWEEZERS

Model	12	Model 12 are suitable to delicate applications which require holding a small component firmly. The Nickel material provides good scratch resistance.							CLASSIC TWEEZERS
							OAL (mm) 120	 General Purpose	
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
12.N.X.739	(N)	Satin Finished	0.14	0.08	Smooth	Smooth	-	-	Top
Model	14	Model 14 helps in small cuts operation. Ideal for soft material							CLASSIC TWEEZERS
							OAL (mm) 115	 For removing and holding second hands	
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
14.S.X.1681	(S)	Sand Blasted	-	-	Smooth	-	-	-	Top
14.S.X.1682	(S)	Satin Finished	-	-	Smooth	-	-	-	Top
Model	14A	Model 14A helps in small cuts operation. Ideal for soft material							CLASSIC TWEEZERS
							OAL (mm) 115	 For removing and holding second hands	
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
14A.S.X.1680	(S)	Sand Blasted	-	-	Smooth	-	-	Lock	Top
14A.S.X.1679	(S)	Satin Finished	-	-	Smooth	-	-	Lock	Top
14A.C.X.1683	(C)	Satin Finished	-	-	Smooth	-	-	Lock	Top
Model	14AN	Model 14AN performs high precision and high forces cut operations on soft metal material, plastic molds or hairsprings.							CUTTING TWEEZERS
							OAL (mm) 110	 Cuts very soft wires (cutting capacity 0.25mm - 0.010)	
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
14AN.C.X.401	(C)	Satin Finished	-	-	Smooth	-	-	Hooked tips, Angled Blades, Miniature Head	Top
Model	15	Model 15 small head allows to execute small cuts in restricted areas							CLASSIC TWEEZERS
							OAL (mm) 110	 For marking hairsprings	
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
15.S.X.1686	(S)	Sand Blasted	-	-	Smooth	-	-	-	Top
15.S.X.1685	(S)	Satin Finished	-	-	Smooth	-	-	-	Top
15.C.X.1684	(C)	Satin Finished	-	-	Smooth	-	-	-	Top

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TWEEZERS

Model	15A	Model 15A performs high precision and high forces cut operations on soft metal material, plastic molds or hairsprings.	CUTTING TWEEZERS
		  OAL (mm) 115  TIP -	 Cuts very soft wires (cutting capacity 0.25mm – 0.010) and hairsprings
			
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)
15A.S.X.790	(S)	Sand Blasted	-
15A.S.X.1689	(S)	Satin Finished	11.00
15A.S.X.1724	(S)	EPOXY	11.00
15A.C.X.633	(C)	Satin Finished	-
15A.C.X.1725	(C)	EPOXY	11.00
	B		HANDLE
			Smooth
	INNER TIP		TIP ANGLE
		-	70°
		-	70°
		-	70°
		-	70°
			Angled Blades
	ACCURACY LEVEL		E B M J W L A O
			Top
Model	15AC	Model 15C performs high precision and high forces cut operations on soft metal material, plastic molds or hairsprings.	CUTTING TWEEZERS
		  OAL (mm) 115  TIP -	 Cuts very soft wires (cutting capacity 0.25mm – 0.010) 15AC and hairsprings
			
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)
15AC.S.X.1691	(S)	Sand Blasted	-
15AC.S.X.1690	(S)	Satin Finished	-
15AC.C.X.1692	(C)	Satin Finished	-
	B		HANDLE
			Smooth
			Smooth
			Smooth
	INNER TIP		TIP ANGLE
		-	70°
		-	70°
		-	70°
			Angled Blades
			Angled Blades
	ACCURACY LEVEL		E B M J W L A O
			Top
Model	15AF	Model 15AF performs high precision and high forces cut operations on soft metal material, plastic molds or hairsprings.	CUTTING TWEEZERS
		  OAL (mm) 115  TIP -	 Cuts very soft wires (cutting capacity 0.25mm – 0.010) and hairsprings
			
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)
15AF.S.X.1695	(S)	Sand Blasted	9.00
15AF.S.X.1694	(S)	Satin Finished	9.00
15AF.C.X.1693	(C)	Satin Finished	9.00
	B		HANDLE
			Smooth
			Smooth
			Smooth
	INNER TIP		TIP ANGLE
		-	70°
		-	70°
		-	70°
			Angled Blades
			Angled Blades
	ACCURACY LEVEL		E B M J W L A O
			Top
Model	15AFW	Model 15AFW performs high precision and high forces cut operations on soft metal material, plastic molds or hairsprings.	CUTTING TWEEZERS
		  OAL (mm) 115  TIP -	 Cuts very soft wires (cutting capacity 0.25mm – 0.010) and hairsprings
			
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)
15AFW.S.X.1698	(S)	Sand Blasted	9.00
15AFW.S.PB.1699	(S)	Sand Blasted	9.00
15AFW.S.X.1700	(S)	Satin Finished	9.00
15AFW.S.PB.1701	(S)	Satin Finished	9.00
15AFW.C.X.1696	(C)	Satin Finished	9.00
15AFW.C.PB.1697	(C)	Satin Finished	9.00
	B		HANDLE
			Smooth
	INNER TIP		TIP ANGLE
		-	70°
		-	70°
		-	70°
		-	70°
			Angled Blades
			Parallel Blades
			Angled Blades
			Parallel Blades
	ACCURACY LEVEL		E B M J W L A O
			Top

NOTE:
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TWEEZERS

Model	15AGW	Model 15AGW performs high precision and high forces cut operations on soft metal material or plastic molds.	CUTTING TWEEZERS																																																																																																																																																									
		  <p>OAL (mm) 115</p> <p>TIP -</p> <p>PART NUMBER</p> <table border="1"> <thead> <tr> <th>PART NUMBER</th><th>BODY MATERIAL</th><th>FINISHING</th><th>A (mm)</th><th>B (mm)</th><th>HANDLE</th><th>INNER TIP</th><th>TIP ANGLE</th><th>SPECIALTIES</th><th>ACCURACY LEVEL</th><th>E B M J W L A O</th></tr> </thead> <tbody> <tr><td>15AGW.S.X.1702</td><td>(S)</td><td>Sand Blasted</td><td>9.50</td><td>5.50</td><td>Smooth</td><td>-</td><td>70°</td><td>Angled Blades</td><td>Top</td><td>● ● ● ● ● ● ● ● ● ●</td></tr> <tr><td>15AGW.S.PB.1703</td><td>(S)</td><td>Sand Blasted</td><td>9.50</td><td>5.50</td><td>Smooth</td><td>-</td><td>70°</td><td>Parallel Blades</td><td>Top</td><td>● ● ● ● ● ● ● ● ● ●</td></tr> <tr><td>15AGW.S.X.264</td><td>(S)</td><td>Satin Finished</td><td>-</td><td>-</td><td>Smooth</td><td>-</td><td>70°</td><td>Angled Blades</td><td>Top</td><td>● ● ● ● ● ● ● ● ● ●</td></tr> <tr><td>15AGW.S.X.265</td><td>(S)</td><td>Satin Finished</td><td>9.50</td><td>5.50</td><td>Smooth</td><td>-</td><td>70°</td><td>Angled Blades</td><td>Top</td><td>● ● ● ● ● ● ● ● ● ●</td></tr> <tr><td>15AGW.S.PB.1704</td><td>(S)</td><td>Satin Finished</td><td>9.50</td><td>5.50</td><td>Smooth</td><td>-</td><td>70°</td><td>Parallel Blades</td><td>Top</td><td>● ● ● ● ● ● ● ● ● ●</td></tr> <tr><td>15AGW.S.PB.1705</td><td>(S)</td><td>EPOXY</td><td>9.50</td><td>5.50</td><td>Smooth</td><td>-</td><td>70°</td><td>Parallel Blades</td><td>Top</td><td>● ● ● ● ● ● ● ● ● ●</td></tr> <tr><td>15AGW.C.X.407</td><td>(C)</td><td>Satin Finished</td><td>9.50</td><td>5.50</td><td>Smooth</td><td>-</td><td>70°</td><td>Angled Blades</td><td>Top</td><td>● ● ● ● ● ● ● ● ● ●</td></tr> <tr><td>15AGW.C.X.408</td><td>(C)</td><td>Satin Finished</td><td>-</td><td>-</td><td>Smooth</td><td>-</td><td>70°</td><td>Angled Blades</td><td>Top</td><td>● ● ● ● ● ● ● ● ● ●</td></tr> <tr><td>15AGW.C.X.326</td><td>(C)</td><td>EPOXY</td><td>-</td><td>-</td><td>Smooth</td><td>-</td><td>70°</td><td>Angled Blades</td><td>Top</td><td>● ● ● ● ● ● ● ● ● ●</td></tr> <tr><td>15AGW.C.X.478</td><td>(C)</td><td>EPOXY</td><td>9.50</td><td>5.50</td><td>Smooth</td><td>-</td><td>70°</td><td>Angled Blades</td><td>Top</td><td>● ● ● ● ● ● ● ● ● ●</td></tr> <tr><td>15AGW.C.X.479</td><td>(C)</td><td>EPOXY</td><td>-</td><td>-</td><td>Smooth</td><td>-</td><td>70°</td><td>Angled Blades</td><td>Top</td><td>● ● ● ● ● ● ● ● ● ●</td></tr> <tr><td>15AGW.C.PB.612</td><td>(C)</td><td>EPOXY</td><td>9.50</td><td>5.50</td><td>Smooth</td><td>-</td><td>70°</td><td>Parallel Blades</td><td>Top</td><td>● ● ● ● ● ● ● ● ● ●</td></tr> <tr><td>15AGW.C.X.613</td><td>(C)</td><td>EPOXY</td><td>-</td><td>-</td><td>Smooth</td><td>-</td><td>70°</td><td>Angled Blades</td><td>Top</td><td>● ● ● ● ● ● ● ● ● ●</td></tr> </tbody> </table>	PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O	15AGW.S.X.1702	(S)	Sand Blasted	9.50	5.50	Smooth	-	70°	Angled Blades	Top	● ● ● ● ● ● ● ● ● ●	15AGW.S.PB.1703	(S)	Sand Blasted	9.50	5.50	Smooth	-	70°	Parallel Blades	Top	● ● ● ● ● ● ● ● ● ●	15AGW.S.X.264	(S)	Satin Finished	-	-	Smooth	-	70°	Angled Blades	Top	● ● ● ● ● ● ● ● ● ●	15AGW.S.X.265	(S)	Satin Finished	9.50	5.50	Smooth	-	70°	Angled Blades	Top	● ● ● ● ● ● ● ● ● ●	15AGW.S.PB.1704	(S)	Satin Finished	9.50	5.50	Smooth	-	70°	Parallel Blades	Top	● ● ● ● ● ● ● ● ● ●	15AGW.S.PB.1705	(S)	EPOXY	9.50	5.50	Smooth	-	70°	Parallel Blades	Top	● ● ● ● ● ● ● ● ● ●	15AGW.C.X.407	(C)	Satin Finished	9.50	5.50	Smooth	-	70°	Angled Blades	Top	● ● ● ● ● ● ● ● ● ●	15AGW.C.X.408	(C)	Satin Finished	-	-	Smooth	-	70°	Angled Blades	Top	● ● ● ● ● ● ● ● ● ●	15AGW.C.X.326	(C)	EPOXY	-	-	Smooth	-	70°	Angled Blades	Top	● ● ● ● ● ● ● ● ● ●	15AGW.C.X.478	(C)	EPOXY	9.50	5.50	Smooth	-	70°	Angled Blades	Top	● ● ● ● ● ● ● ● ● ●	15AGW.C.X.479	(C)	EPOXY	-	-	Smooth	-	70°	Angled Blades	Top	● ● ● ● ● ● ● ● ● ●	15AGW.C.PB.612	(C)	EPOXY	9.50	5.50	Smooth	-	70°	Parallel Blades	Top	● ● ● ● ● ● ● ● ● ●	15AGW.C.X.613	(C)	EPOXY	-	-	Smooth	-	70°	Angled Blades	Top	● ● ● ● ● ● ● ● ● ●
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O																																																																																																																																																		
15AGW.S.X.1702	(S)	Sand Blasted	9.50	5.50	Smooth	-	70°	Angled Blades	Top	● ● ● ● ● ● ● ● ● ●																																																																																																																																																		
15AGW.S.PB.1703	(S)	Sand Blasted	9.50	5.50	Smooth	-	70°	Parallel Blades	Top	● ● ● ● ● ● ● ● ● ●																																																																																																																																																		
15AGW.S.X.264	(S)	Satin Finished	-	-	Smooth	-	70°	Angled Blades	Top	● ● ● ● ● ● ● ● ● ●																																																																																																																																																		
15AGW.S.X.265	(S)	Satin Finished	9.50	5.50	Smooth	-	70°	Angled Blades	Top	● ● ● ● ● ● ● ● ● ●																																																																																																																																																		
15AGW.S.PB.1704	(S)	Satin Finished	9.50	5.50	Smooth	-	70°	Parallel Blades	Top	● ● ● ● ● ● ● ● ● ●																																																																																																																																																		
15AGW.S.PB.1705	(S)	EPOXY	9.50	5.50	Smooth	-	70°	Parallel Blades	Top	● ● ● ● ● ● ● ● ● ●																																																																																																																																																		
15AGW.C.X.407	(C)	Satin Finished	9.50	5.50	Smooth	-	70°	Angled Blades	Top	● ● ● ● ● ● ● ● ● ●																																																																																																																																																		
15AGW.C.X.408	(C)	Satin Finished	-	-	Smooth	-	70°	Angled Blades	Top	● ● ● ● ● ● ● ● ● ●																																																																																																																																																		
15AGW.C.X.326	(C)	EPOXY	-	-	Smooth	-	70°	Angled Blades	Top	● ● ● ● ● ● ● ● ● ●																																																																																																																																																		
15AGW.C.X.478	(C)	EPOXY	9.50	5.50	Smooth	-	70°	Angled Blades	Top	● ● ● ● ● ● ● ● ● ●																																																																																																																																																		
15AGW.C.X.479	(C)	EPOXY	-	-	Smooth	-	70°	Angled Blades	Top	● ● ● ● ● ● ● ● ● ●																																																																																																																																																		
15AGW.C.PB.612	(C)	EPOXY	9.50	5.50	Smooth	-	70°	Parallel Blades	Top	● ● ● ● ● ● ● ● ● ●																																																																																																																																																		
15AGW.C.X.613	(C)	EPOXY	-	-	Smooth	-	70°	Angled Blades	Top	● ● ● ● ● ● ● ● ● ●																																																																																																																																																		
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NOTE:
- Measures might slightly diverge. The products are handcrafted.
- Where A and B are not indicated, they're available upon request

TWEEZERS

Model	15ASW	Model 15ASW performs high precision and high forces cut operations on soft metal material, plastic molds or hairsprings.	CUTTING TWEEZERS							
		  OAL (mm) 115  TIP -	 Cuts very soft wires (cutting capacity 0.25mm – 0.010) and hairsprings							
										
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
15ASW.S.X.1718	(S)	Sand Blasted	9.50	7.50	Smooth	-	70°	Parallel Blades, Relieved rounded Head	Top	● ● ● ● ● ● ● ●
15ASW.S.X.1717	(S)	Satin Finished	9.50	7.50	Smooth	-	70°	Parallel Blades, Relieved rounded Head	Top	● ● ● ● ● ● ● ●
15ASW.S.X.1719	(S)	EPOXY	9.50	7.50	Smooth	-	70°	Parallel Blades, Relieved rounded Head	Top	● ● ● ● ● ● ● ●
15ASW.C.X.815	(C)	Satin Finished	9.50	7.50	Smooth	-	70°	Parallel Blades, Relieved rounded Head	Top	● ● ● ● ● ● ● ●
15ASW.C.X.1716	(C)	EPOXY	9.50	7.50	Smooth	-	70°	Parallel Blades, Relieved rounded Head	Top	● ● ● ● ● ● ● ●
Model	15C	Model 15 small head allows to execute small cuts in restricted areas. It short body gives a perfect control	CLASSIC TWEEZERS							
		  OAL (mm) 95  TIP -	 For marking hairsprings							
										
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
15C.S.X.1687	(S)	Sand Blasted	-	-	Smooth	-	-	-	Top	● ● ● ● ● ● ● ●
15C.S.X.1688	(S)	Satin Finished	-	-	Smooth	-	-	-	Top	● ● ● ● ● ● ● ●
15C.C.X.753	(C)	Satin Finished	-	-	Smooth	-	-	-	Top	● ● ● ● ● ● ● ●
Model	26	Model 26 fits in applications where is needed to hold firmyl robust components.	CLASSIC TWEEZERS							
		  OAL (mm) 135  TIP Strong	 General Purpose							
										
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
26.SA.X.621	(SA)	Sand Blasted	0.20	0.10	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
26.SA.X.1771	(SA)	Satin Finished	0.20	0.10	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
26.SA.X.1778	(SA)	EPOXY	0.24	0.11	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
26.S.X.1772	(S)	Sand Blasted	0.20	0.10	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
26.S.X.1773	(S)	Satin Finished	0.20	0.10	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
26.S.X.1779	(S)	EPOXY	0.23	0.11	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
26.C.X.1774	(C)	Satin Finished	0.20	0.10	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
26.TA.X.1775	(TA)	Sand Blasted	0.20	0.10	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
26.SA.X.1776	(SA)	Sand Blasted	0.24	0.11	Smooth	Smooth	-	-	High	● ● ● ● ● ● ● ●
26.S.X.1777	(S)	Sand Blasted	0.23	0.11	Smooth	Smooth	-	-	High	● ● ● ● ● ● ● ●
Model	27	Model 27 fits in applications where is needed to hold firmyl robust components.	CLASSIC TWEEZERS							
		  OAL (mm) 135  TIP Strong	 General Purpose							
										
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
27.SA.X.605	(SA)	Sand Blasted	0.12	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
27.SA.X.1780	(SA)	Satin Finished	0.12	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
27.SA.X.1784	(SA)	EPOXY	0.21	0.11	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
27.ESA.X.1786	(ESA)	Sand Blasted	0.12	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
27.S.X.560	(S)	Sand Blasted	0.12	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
27.S.X.1781	(S)	Satin Finished	0.12	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
27.S.X.1785	(S)	EPOXY	0.21	0.11	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
27.C.X.1782	(C)	Satin Finished	0.12	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
27.TA.X.1783	(TA)	Sand Blasted	0.12	0.08	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
27.SA.X.296	(SA)	Sand Blasted	0.21	0.11	Smooth	Smooth	-	-	High	● ● ● ● ● ● ● ●
27.S.X.846	(S)	Sand Blasted	0.21	0.11	Smooth	Smooth	-	-	High	● ● ● ● ● ● ● ●

TWEEZERS

Model	29	Model 29 is ideal for dipping components in soldering bath thanks to its handle with fiber application								REVERSE ACTION TWEEZERS
				 OAL (mm) 160		 TIP Round, Blunt		For components assembly and welding		
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
29.SA.X.689	(SA)	Sand Blasted	1.77	0.23	Smooth	Smooth	-	Bakelite-grip handle	Top	
Model	29B	Model 29B is ideal for firmly hold a components thanks to its serrated handle								REVERSE ACTION TWEEZERS
				 OAL (mm) 160		 TIP Round, Blunt		For components assembly and welding		
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
29B.SA.X.1726	(SA)	Sand Blasted	-	-	Serration	Smooth	-	-	Top	
Model	30	Model 30 is ideal for dipping components in soldering bath thanks to its handle with fiber application								REVERSE ACTION TWEEZERS
				 OAL (mm) 150		 TIP Strong		General Purpose		
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
30.SA.X.658	(SA)	Sand Blasted	1.85	0.70	Smooth	Smooth	-	Curved tips, Bakelite-grip handle	Top	
Model	31	Model 31 is ideal for firmly hold a component								REVERSE ACTION TWEEZERS
				 OAL (mm) 120		 TIP Strong		General Purpose		
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
31.SA.X.526	(SA)	Sand Blasted	0.19	0.13	Smooth	Smooth	-	-	Top	
Model	33A	Model 33A suits in applications that require to firmly hold flat components. Its serrated handle guarantee a perfect grip								CLASSIC TWEEZERS
				 OAL (mm) 115		 TIP Flat, Round		Wafer, labels or other flat items handling		
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
33A.SA.X.747	(SA)	Sand Blasted	-	-	Serration	Smooth	-	-	Top	

NOTE:
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TWEEZERS

Model	34A	Model 34A suits in applications that require to firmly hold flat components. Its serrated handle guarantee a perfect grip								CLASSIC TWEEZERS
				 OAL (mm) 120		 TIP Square Flat		Wafer, labels or other flat items handling		
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
34A.SA.X.504	(SA)	Sand Blasted	5.50	0.15	Serration	Smooth	-	-	Top	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
Model	35A	Model 35A suits in applications that require to firmly hold flat components. Its serrated handle guarantee a perfect grip								CLASSIC TWEEZERS
				 OAL (mm) 120		 TIP Flat		Wafer, labels or other flat items handling		
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
35A.SA.X.656	(SA)	Sand Blasted	6.90	0.15	Serration	Smooth	-	-	Top	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
Model	36A	Model 36A suits in applications that require to firmly hold flat components. Its serrated handle guarantee a perfect grip								CLASSIC TWEEZERS
				 OAL (mm) 120		 TIP Square Flat		Wafer, labels or other flat items handling		
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
36A.SA.X.698	(SA)	Sand Blasted	5.70	0.09	Serration	Smooth	-	-	Top	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
Model	50	Model 50 suits in applications that require to firmly hold flat components. Its serrated handle guarantee a perfect grip								CLASSIC TWEEZERS
				 OAL (mm) 120		 TIP		Wafer, labels or other flat items handling		
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
50.SA.X.580	(SA)	Sand Blasted	3.60	-	Serration	Smooth	-	-	Top	<input checked="" type="radio"/> <input type="radio"/>
Model	51	Model 51 suits in applications that require to firmly hold flat components. Its serrated handle guarantee a perfect grip								CLASSIC TWEEZERS
				 OAL (mm) 120		 TIP		Wafer, labels or other flat items handling		
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
51.SA.X.1739	(SA)	Sand Blasted	-	-	Serration	Smooth	-	Folded tips	Top	<input checked="" type="radio"/> <input type="radio"/>

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TWEEZERS

Model	52A	Model 52A allow to hold firmly flat components thanks to its flat and round tips								CLASSIC TWEEZERS	
PART NUMBER		BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
52A.SA.X.317	(SA)	Sand Blasted		1.50	0.25	-	Smooth	-	Relieved handling	Top	● ● ● ● ● ● ● ●
Model	53C	Model 53C is ideal for application with delicate and small components. Its relieved handl gives a perfect handling and precision								CLASSIC TWEEZERS	
PART NUMBER		BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
53C.SA.X.104	(SA)	Sand Blasted		-	-	Smooth	Smooth	-	Relieved handling	Top	● ● ● ● ● ● ● ●
53C.SA.X.1727	(SA)	Satin Finished		-	-	Smooth	Smooth	-	Relieved handling	Top	● ● ● ● ● ● ● ●
Model	59	Model 59 suits in applications that require to firmly hold flat components								REVERSE ACTION TWEEZERS	
PART NUMBER		BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
59.SA.X.413	(SA)	Sand Blasted		-	-	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
Model	60	Model 60 allow to carefully handle small components in thiny and deep areas								CLASSIC TWEEZERS	
PART NUMBER		BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
60.SA.X.245	(SA)	Sand Blasted		0.13	0.09	Smooth	Smooth	-	Tying platform	Top	● ● ● ● ● ● ● ●
60.SA.X.1728	(SA)	Satin Finished		0.13	0.09	Smooth	Smooth	-	Tying platform	Top	● ● ● ● ● ● ● ●
Model	65A	Model 65 allow to carefully handle small components in thiny and deep areas								CLASSIC TWEEZERS	
PART NUMBER		BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
65A.SA.X.237	(SA)	Sand Blasted		0.17	0.07	Smooth	Smooth	45°	-	Top	● ● ● ● ● ● ● ●
65A.SA.X.1729	(SA)	Satin Finished		0.17	0.07	Smooth	Smooth	45°	-	Top	● ● ● ● ● ● ● ●

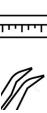
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TWEEZERS

Model	84A	0	WAFER TWEEZERS				
PART NUMBER	84A.SA.X.1730	BODY MATERIAL (SA) FINISHING Sand Blasted (see details)	A (mm) B (mm) HANDLE Serration INNER TIP -	OAL (mm) 120 TIP -	Wafer handling A: 2.7mm C: 6.0mm E: 3.0mm B: 5.0mm D: 7.5mm	ACCURACY LEVEL Top	E B M J W L A O
Model	84B	0	WAFER TWEEZERS				
PART NUMBER	84B.SA.X.1731	BODY MATERIAL (SA) FINISHING Sand Blasted (see details)	A (mm) B (mm) HANDLE Serration INNER TIP -	OAL (mm) 120 TIP -	Wafer handling A: 2.7mm C: 6.0mm E: 3.0mm B: 5.0mm D: 7.5mm	ACCURACY LEVEL Top	E B M J W L A O
Model	85A	Model 85C applies to applications which require holding a 2-inch flat component and with grips thanks to serration.			WAFER TWEEZERS		
PART NUMBER	85A.SA.X.1732	BODY MATERIAL (SA) FINISHING Sand Blasted (see details)	A (mm) B (mm) HANDLE Serration INNER TIP -	OAL (mm) 120 TIP -	Wafer handling A: 6.4mm C: 2.5mm E: -- mm B: 4.7mm D: 3.5mm	ACCURACY LEVEL Top	E B M J W L A O
Model	85B	Model 85C applies to applications which require holding a 2-inch flat component and with grips thanks to serration.			WAFER TWEEZERS		
PART NUMBER	85B.SA.X.1733	BODY MATERIAL (SA) FINISHING Sand Blasted (see details)	A (mm) B (mm) HANDLE Serration INNER TIP -	OAL (mm) 120 TIP -	Wafer handling A: 6.7mm C: 2.5mm E: 2.0 mm B: 5.5mm D: 3.5mm	ACCURACY LEVEL Top	E B M J W L A O
Model	85D	-	WAFER TWEEZERS				
PART NUMBER	85D.SA.X.557	BODY MATERIAL (SA) FINISHING Sand Blasted (see details)	A (mm) B (mm) HANDLE Serration INNER TIP -	OAL (mm) 120 TIP -	Wafer handling A: 6.4mm C: 2.5mm E: -- mm B: 4.7mm D: 3.5mm	ACCURACY LEVEL Top	E B M J W L A O

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TWEEZERS

Model	85F	-	WAFER TWEEZERS
PART NUMBER	85F.SA.X.1737	BODY MATERIAL (SA) FINISHING Sand Blasted A (mm) (see details) HANDLE Serration	OAL (mm) 120  TIP Wafer handling A: 6.4mm C: 2.5mm E: -- mm B: 4.7mm D: 3.5mm TIP ANGLE - SPECIALTIES - ACCURACY LEVEL Top 
Model	85H	-	WAFER TWEEZERS
PART NUMBER	85H.SA.X.1738	BODY MATERIAL (SA) FINISHING Sand Blasted A (mm) (see details) HANDLE Serration	OAL (mm) 120  TIP Wafer handling A: 6.7mm C: 2.5mm E: 2.0mm B: 5.5mm D: 3.5mm TIP ANGLE - SPECIALTIES Folded handle ACCURACY LEVEL Top 
Model	85L	-	WAFER TWEEZERS
PART NUMBER	85L.SA.X.530	BODY MATERIAL (SA) FINISHING Sand Blasted A (mm) (see details) HANDLE Serration	OAL (mm) 120  TIP Wafer handling A: 6.4mm C: 2.5mm E: 1.5mm B: 4.7mm D: 3.5mm TIP ANGLE - SPECIALTIES - ACCURACY LEVEL Top 
Model	86A	-	WAFER TWEEZERS
PART NUMBER	86A.SA.X.1736	BODY MATERIAL (SA) FINISHING Sand Blasted A (mm) (see details) HANDLE Serration	OAL (mm) 120  TIP Wafer handling A: 6.4mm C: 2.5mm E: -- mm B: 4.7mm D: 3.5mm TIP ANGLE - SPECIALTIES Folded tips ACCURACY LEVEL Top 
Model	86B	-	WAFER TWEEZERS
PART NUMBER	86B.SA.X.810	BODY MATERIAL (SA) FINISHING Sand Blasted A (mm) (see details) HANDLE Serration	OAL (mm) 120  TIP Wafer handling A: 6.7mm C: 2.5mm E: 2.0mm B: 5.5mm D: 3.5mm TIP ANGLE - SPECIALTIES - ACCURACY LEVEL Top 

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TWEEZERS

Model	201P	-	CLASSIC TWEEZERS				
PART NUMBER	BODY MATERIAL 201P.C.X.636 (C)	FINISHING Nickel Plated	A (mm) B (mm) HANDLE Serration	OAL (mm) 145	TIP	Holding pearls	
Model	201RG	Model 201RG is designed with a lock and a dedicated shape to firmly hold a ring during operations	CLASSIC TWEEZERS				
PART NUMBER	BODY MATERIAL 201RG.SA.X.256 (SA)	FINISHING Sand Blasted	A (mm) B (mm) HANDLE Serration	OAL (mm) 139	TIP	Holding rings	
Model	571	Model 571 allow a firm handling for tubing introducing thanks to its speacial tip design	CLASSIC TWEEZERS				
PART NUMBER	BODY MATERIAL 571.S.X.1889 (S)	FINISHING Satin Finished	A (mm) B (mm) HANDLE Serrated	OAL (mm) 133	TIP	Microsurgical, Tubing introducer	
Model	574	Model 574 allow a firm handling for tubing introducing thanks to its speacial tip design	CLASSIC TWEEZERS				
PART NUMBER	BODY MATERIAL 574.SA.X.1890 (SA)	FINISHING Satin Finished	A (mm) B (mm) HANDLE Serrated	OAL (mm) 110	TIP	Microsurgical, Tubing introducer	
Model	AA	Model AA strong tips and body allow to firmly hold components without bending	BOLEY TWEEZERS				
PART NUMBER	BODY MATERIAL AA.SA.X.107 (SA)	FINISHING Sand Blasted	A (mm) B (mm) HANDLE Smooth	OAL (mm) 125	TIP Strong	General Purpose	

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TWEEZERS

Model	AM	Model AM is specifically designed for soft handling.								CLASSIC TWEEZERS	
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O	
AM.BR.X.33	(BR)	Sand Blasted	0.32	0.20	Smooth	Smooth	-	-	Top		
Model	CAF4	Model CAF4 is specifically designed for clamp applying thanks to its specific tips. Handel serration ensure a perfect grip								CLASSIC TWEEZERS	
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O	
CAF4.S.X.680	(S)	Sand Blasted	-	-	Serration	-	-	-	Top		
Model	CAF5	Model CAF5 is specifically designed for clamp applying thanks to its specific tips. Handel serration ensure a perfect grip								CLASSIC TWEEZERS	
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O	
CAF5.S.X.660	(S)	Sand Blasted	-	-	Serration	-	-	-	Top		
Model	D	Model D short body allows to generate force while cutting or stripping small wires								CLASSIC TWEEZERS	
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O	
D.C.X.512	(C)	Nickel Plated	11.50	0.05	Smooth	-	-	Nickel Plated	Top		
Model	D5A	Model D5A with its serrated grip allows a firm holding in highly demanding applications. Its tips enable dilator capabilities								CLASSIC TWEEZERS	
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O	
D5A.S.X.239 D5A.S.Z.305	(S) (S)	Satin Finished Satin Finished	(ref. Specialties)	Serration (ref. Specialties)	Serration	-	-	Tip Ø 0.3 mm, Highly polished Dilator Tips Tip Ø 0.2 mm, Highly polished Dilator Tips	Top Top		

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TWEEZERS

Model	F	Model F suitable to delicate applications which require holding a flat component firmly while granting good visibility.	CLASSIC TWEEZERS							
		  OAL (mm) 120  General Purpose TIP Flat,Square 								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
F.SA.X.1742	(SA)	Sand Blasted	1.65	0.15	Smooth	Smooth	-	Polished tips	Top	● ● ● ● ● ● ● ●
F.SA.X.1743	(SA)	Satin Finished	1.65	0.15	Smooth	Smooth	-	Polished tips	Top	● ● ● ● ● ● ● ●
F.ESA.X.415	(ESA)	Sand Blasted	1.65	0.15	Smooth	Smooth	-	Polished tips	Top	● ● ● ● ● ● ● ●
F.S.X.602	(S)	Sand Blasted	1.65	0.15	Smooth	Smooth	-	Polished tips	Top	● ● ● ● ● ● ● ●
F.S.X.1747	(S)	Satin Finished	1.65	0.15	Smooth	Smooth	-	Polished tips	Top	● ● ● ● ● ● ● ●
F.C.X.817	(C)	Satin Finished	1.65	0.15	Smooth	Smooth	-	Polished tips	Top	● ● ● ● ● ● ● ●
F.COB.X.1746	(COB)	Satin Finished	1.65	0.15	Smooth	Smooth	-	Polished tips	Top	● ● ● ● ● ● ● ●
Model	F1	Model F1 is suitable for holding a parts very firmly. Rhomb serrated tips prevent any possible slips. Equipped with very hard, stiff tips and body to prevent it from bending.	CLASSIC TWEEZERS							
		  OAL (mm) 160  Handling gem stones and diamonds TIP Fine 								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
F1.S.RH.735	(S)	Sand Blasted	0.50	0.60	Serration	Rhomb Serration	-	Longitudinal Canal	Top	●
F1.S.RH.845	(S)	Black Coated	0.50	0.60	Serration	Rhomb Serration	-	Longitudinal Canal	Top	●
Model	FC	Model FC suitable to delicate applications which require holding a flat component firmly while granting good visibility.	CLASSIC TWEEZERS							
		  OAL (mm) 100  General Purpose TIP Flat, Round 								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
FC.SA.X.800	(SA)	Sand Blasted	-	-	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
FC.SA.X.1748	(SA)	Satin Finished	-	-	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
FC.S.X.1749	(S)	Sand Blasted	-	-	Smooth	Smooth	-	-	Top	● ● ● ● ● ● ● ●
Model	FJ	Model FJ is suitable for holding a parts very firmly. Rhomb serrated tips prevent any possible slips. Equipped with very hard, stiff tips and body to prevent it from bending.	CLASSIC TWEEZERS							
		  OAL (mm) 160  Handling gem stones and diamonds TIP Fine 								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
FJ.S.RH.300	(S)	Sand Blasted	0.50	0.60	Serration	Rhomb Serration	-	-	Top	●
FJ.S.SQ.421	(S)	Sand Blasted	0.50	0.60	Serration	Square Serration	-	-	Top	●
FJ.S.STG.762	(S)	Sand Blasted	0.50	0.60	Starlight	Starlight	-	-	Top	●
FJ.S.ST.1765	(S)	Sand Blasted	0.50	0.60	Serration	Starlight	-	-	Top	●
FJ.S.RH.1905	(S)	Sand Blasted	0.50	0.60	Serration	Rhomb Serration	-	-	Top	●
FJ.S.RH.627	(S)	Black Coated	0.50	0.60	Serration	Rhomb Serration	-	-	Top	●
FJ.S.SQ.708	(S)	Black Coated	0.50	0.60	Serration	Square Serration	-	-	Top	●
FJ.TA.STG.488	(TA)	Sand Blasted	0.50	0.60	Starlight	Starlight	-	-	Top	●
FJ.TA.ST.672	(TA)	Sand Blasted	0.50	0.60	Serration	Starlight	-	-	Top	●
FJ.TA.RH.733	(TA)	Sand Blasted	0.50	0.60	Serration	Rhomb Serration	-	-	Top	●
FJ.TA.RH.1906	(TA)	Sand Blasted	0.50	0.60	Serration	Rhomb Serration	-	-	Top	●

TWEEZERS

Model	FR	Model FR is suitable for holding delicate parts very firmly but avoiding to damage	CLASSIC TWEEZERS							
		 <p>OAL (mm) 160</p> <p> TIP Fine</p>	 Handling gem stones and diamonds							
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
FR.S.RH.362	(S)	Sand Blasted	0.50	0.60	Serration	Rhomb Serration	-	Lock	Top	●
FR.S.ST.776	(S)	Sand Blasted	0.50	0.60	Serration	Starlight	-	Lock	Top	●
FR.S.SQ.1907	(S)	Sand Blasted	0.50	0.60	Serration	Square Serration	-	Lock	Top	●
FR.S.RH.508	(S)	Black Coated	0.50	0.60	Serration	Rhomb Serration	-	Lock	Top	●
FR.S.SQ.1908	(S)	Black Coated	0.50	0.60	Serration	Square Serration	-	Lock	Top	●
Model	FR1	Model FR1 is suitable for firmly holding delicate parts very firmly but avoiding to damage	CLASSIC TWEEZERS							
		 <p>OAL (mm) 160</p> <p> TIP Fine</p>	 Handling gem stones and diamonds							
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
FR1.S.RH.1909	(S)	Sand Blasted	0.50	0.60	Serration	Rhomb Serration	-	Lock, Longitudinal Canal	Top	●
FR1.S.RH.502	(S)	Black Coated	0.50	0.60	Serration	Rhomb Serration	-	Lock, Longitudinal Canal	Top	●
Model	GG	Model GG straight and strong tips is perfect for tasks in deep and restricted areas	BOLEY TWEEZERS							
		 <p>OAL (mm) 130</p> <p> TIP Strong</p>	 General Purpose							
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
GG.SAX.1754	(SA)	Sand Blasted	0.25	0.12	Smooth	Smooth	-	-	Top	● ● ○ ○ ○ ○ ○ ○
GG.S.X.754	(S)	Sand Blasted	0.25	0.12	Smooth	Smooth	-	-	Top	● ○ ○ ○ ○ ○ ○ ○ ○
GG.C.X.1753	(C)	Nickel Plated	0.25	0.12	Smooth	Smooth	-	-	Top	● ○ ○ ○ ○ ○ ○ ○ ○
Model	H	Model H wide shanks with fine tips allow to firmly hold robust components without bending	MINI TWEEZERS							
		 <p>OAL (mm) 90</p> <p> TIP Wide Shanks, Fine</p>	 General Purpose							
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
H.SA.X.1755	(SA)	Sand Blasted	0.25	0.08	Smooth	Smooth	-	-	Top	● ● ○ ○ ○ ○ ○ ○
H.SA.X.1757	(SA)	Satin Finished	0.25	0.08	Smooth	Smooth	-	-	Top	● ● ○ ○ ○ ○ ○ ○
H.SA.X.1758	(SA)	EPOXY	-	-	Smooth	Smooth	-	-	Top	● ● ○ ○ ○ ○ ○ ○
H.S.X.1756	(S)	Sand Blasted	0.25	0.08	Smooth	Smooth	-	-	Top	● ● ○ ○ ○ ○ ○ ○
H.S.X.156	(S)	Satin Finished	-	-	Smooth	Smooth	-	-	Top	● ● ○ ○ ○ ○ ○ ○
H.S.X.1759	(S)	EPOXY	-	-	Smooth	Smooth	-	-	Top	● ● ○ ○ ○ ○ ○ ○
Model	JF1	Model JF1 is specifically designed and manufactured for high precision handling in demanding application	CLASSIC TWEEZERS							
		 <p>OAL (mm) 116</p> <p> TIP Superfine</p>	 Microsurgical							
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
JF1.S.X.1884	(S)	Satin Finished	(ref. Specialties)		Smooth	Smooth	-	Tip Ø 0.8 mm	Top	●

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TWEEZERS

Model	JF2	Model JF2 is specifically designed and manufactured for high precision handling in demanding application	CLASSIC TWEEZERS						
		 OAL (mm) 118  TIP Superfine	 Microsurgical						
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
JF2.S.X.833	(S)	Satin Finished	(ref. Specialties)	Smooth		Smooth	-	Tip Ø 0.6 mm	Top 
Model	JF3	Model JF3 is specifically designed and manufactured for high precision handling in demanding application	CLASSIC TWEEZERS						
		 OAL (mm) 116  TIP ExtraFine	 Microsurgical						
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
JF3.S.X.1885	(S)	Satin Finished	(ref. Specialties)	Serration		Smooth	-	Tip Ø 0.3 mm	Top 
Model	JF4	Model JF4 is specifically designed and manufactured for high precision handling in demanding application	CLASSIC TWEEZERS						
		 OAL (mm) 108  TIP ExtraFine	 Microsurgical						
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
JF4.S.X.565	(S)	Satin Finished	(ref. Specialties)	Smooth		Smooth	-	Tip Ø 0.4 mm	Top 
Model	JF5	Model JF5 is specifically designed and manufactured for high precision handling in demanding application	CLASSIC TWEEZERS						
		 OAL (mm) 110  TIP ExtraFine	 Microsurgical						
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
JF5.S.X.737	(S)	Satin Finished	(ref. Specialties)	Serration		Smooth	-	Tip Ø 0.3 mm	Top 
Model	JF318	Model JF318 with its serrated grip allows a firm holding in highly demanding applications	CLASSIC TWEEZERS						
		 OAL (mm) 180  TIP ExtraFine	 Microsurgical						
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
JF318.S.X.1886	(S)	Satin Finished	(ref. Specialties)	Serration		Smooth	-	Tip Ø 0.3 mm	Top 

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TWEEZERS

Model	JF318DZ	Model JF318DZ with its serrated grip allows a firm holding in highly demanding applications. Its tips enable dilator capabilities							CLASSIC TWEEZERS
PART NUMBER	JF318DZ.S.X.778	BODY MATERIAL (S)	FINISHING Satin Finished	A (mm) (ref. Specialties)	B (mm) Serration	HANDLE	OAL (mm) 180	TIP ExtraFine	Microsurgical, Vessel Dilator
PART NUMBER	JF514.S.X.1897 JF514.S.P.1898	BODY MATERIAL (S)	FINISHING Satin Finished	A (mm) (ref. Specialties)	B (mm) (ref. Specialties)	HANDLE Serration	INNER TIP Smooth	TIP ANGLE -	SPECIALTIES Tip Ø 0,2 mm, Highly polished Dilator Tips
Model	JF514	-							CLASSIC TWEEZERS
PART NUMBER	JF514.S.X.1897 JF514.S.P.1898	BODY MATERIAL (S)	FINISHING Satin Finished	A (mm) (ref. Specialties)	B (mm) (ref. Specialties)	HANDLE Serration	INNER TIP Smooth	TIP ANGLE -	SPECIALTIES Tip Ø 0,6 mm
PART NUMBER	JF514.S.X.1897 JF514.S.P.1898	BODY MATERIAL (S)	FINISHING Satin Finished	A (mm) (ref. Specialties)	B (mm) (ref. Specialties)	HANDLE Serration	INNER TIP Smooth	TIP ANGLE -	SPECIALTIES Tip Ø 0,6 mm, Tying Platform
Model	JFAL3	Model JFAL3 with its serrated grip allows a firm holding in highly demanding applications.							CLASSIC TWEEZERS
PART NUMBER	JFAL3.S.X.807 JFAL3.S.D.1887	BODY MATERIAL (S)	FINISHING Satin Finished	A (mm) (ref. Specialties)	B (mm) (ref. Specialties)	HANDLE Serration	INNER TIP Smooth	TIP ANGLE 45°	SPECIALTIES Tip Ø 0,3 mm
PART NUMBER	JFAL3.S.X.807 JFAL3.S.D.1887	BODY MATERIAL (S)	FINISHING Satin Finished	A (mm) (ref. Specialties)	B (mm) (ref. Specialties)	HANDLE Serration	INNER TIP Smooth	TIP ANGLE 45°	SPECIALTIES Tip Ø 0,3 mm, Highly polished Dilator Tips
Model	JFAL318	Model JFAL318 with its serrated grip allows a firm holding in highly demanding applications.							CLASSIC TWEEZERS
PART NUMBER	JFAL318.S.X.569 JFAL318.S.D.722	BODY MATERIAL (S)	FINISHING Satin Finished	A (mm) (ref. Specialties)	B (mm) (ref. Specialties)	HANDLE Serration	INNER TIP Smooth	TIP ANGLE 45°	SPECIALTIES Tip Ø 0,3 mm
PART NUMBER	JFAL318.S.X.569 JFAL318.S.D.722	BODY MATERIAL (S)	FINISHING Satin Finished	A (mm) (ref. Specialties)	B (mm) (ref. Specialties)	HANDLE Serration	INNER TIP Smooth	TIP ANGLE 45°	SPECIALTIES Tip Ø 0,3 mm, Highly polished Dilator Tips
Model	JFAS3	-							CLASSIC TWEEZERS
PART NUMBER	JFAS3.S.X.1894	BODY MATERIAL (S)	FINISHING Satin Finished	A (mm) (ref. Specialties)	B (mm) (ref. Specialties)	HANDLE Serration	INNER TIP Smooth	TIP ANGLE 45°	SPECIALTIES Tip Ø 0,3 mm

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TWEEZERS

Model	JFL3	Model JFL3 with its serrated grip allows a firm holding in highly demanding applications. Its tips enable dilator capabilities	CLASSIC TWEEZERS							
		 <p>OAL (mm) 135</p> <p>TIP ExtraFine</p> <p> Microsurgical, Vessel Dilator</p> 								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
JFL3.S.D.331	(S)	Satin Finished	(ref. Specialties)	Serration		Smooth	-	Tip Ø 0.3 mm, Highly polished Dilator Tips	Top	
JFL3.S.DZ.709	(S)	Satin Finished	(ref. Specialties)	Serration		Smooth	-	Tip Ø 0.2 mm, Highly polished Dilator Tips	Top	
JFL3.S.X.720	(S)	Satin Finished	(ref. Specialties)	Serration		Smooth	-	Tip Ø 0.3 mm	Top	
JFL3.S.DTC.576	(S)	Tungsten Carbide	(ref. Specialties)	Serration		Smooth	-	Tip Ø 0.3 mm, Tungsten carbide covered	Top	
Model	JFL3P	Model JFL3P with its serrated grip allows a firm holding in highly demanding applications.	CLASSIC TWEEZERS							
		 <p>OAL (mm) 135</p> <p>TIP ExtraFine</p> <p> Microsurgical</p> 								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
JFL3P.S.X.393	(S)	Satin Finished	(ref. Specialties)	Serration		Smooth	-	Tip Ø 0.3 mm, Tying Platform	Top	
Model	JFLP3	Model JFLP3 with its serrated grip allows a firm holding in highly demanding applications.	CLASSIC TWEEZERS							
		 <p>OAL (mm) 135</p> <p>TIP ExtraFine</p> <p> Microsurgical</p> 								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
JFLP3.S.X.628	(S)	Satin Finished	(ref. Specialties)	Serration		Smooth	-	Tip Ø 0.3 mm	Top	
Model	JFP3	Model JFP3 with its serrated grip allows a firm holding in highly demanding applications.	CLASSIC TWEEZERS							
		 <p>OAL (mm) 116</p> <p>TIP ExtraFine</p> <p> Microsurgical</p> 								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
JFP3.S.X.1892	(S)	Satin Finished	(ref. Specialties)	Serration		-	-	Tip Ø 0.3 mm, With tissue retaining hole	Top	
JFP3.S.BH.1893	(S)	Satin Finished	(ref. Specialties)	Serration		-	-	Tip Ø 0.6 mm, With tissue retaining hole	Top	
Model	JFP618	-	CLASSIC TWEEZERS							
		 <p>OAL (mm) 180</p> <p>TIP ExtraFine</p> <p> Microsurgical</p> 								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
JFP618.S.M.755	(S)	Satin Finished	(ref. Specialties)	Serration		Smooth	-	Tip Ø 0.3 mm, With tissue retaining hole	Top	
JFP618.S.X.1895	(S)	Satin Finished	(ref. Specialties)	Serration		Smooth	-	Tip Ø 0.65 mm, With tissue retaining hole	Top	
JFP618.S.S.1896	(S)	Satin Finished	(ref. Specialties)	Serration		Smooth	-	Tip Ø 1 mm, With tissue retaining hole	Top	

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TWEEZERS

Model	JFS3	Model JFS3 with its serrated grip allows a firm holding in highly demanding applications. Its tips enable dilator capabilities	CLASSIC TWEEZERS						
		 OAL (mm) 135  TIP ExtraFine	 Microsurgical, Vessel Dilator						
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
JFS3.S.DZ.724	(S)	Satin Finished	(ref. Specialties)	Serration		Smooth	-	Tip Ø 0.2 mm, Highly polished Dilator Tips	Top
JFS3.S.X.750	(S)	Satin Finished	(ref. Specialties)	Serration		Smooth	-	Tip Ø 0.3 mm	Top
Model	JFS3P	Model JFS3P with its serrated grip allows a firm holding in highly demanding applications.	CLASSIC TWEEZERS						
		 OAL (mm) 137  TIP ExtraFine	 Microsurgical						
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
JFS3P.S.X.718	(S)	Satin Finished	(ref. Specialties)	Serration		Smooth	-	Tip Ø 0.3 mm, Tying platform	Top
Model	K2A	Model K2A is perfect for manipulation of hot components or very delicate parts	PLASTIC TWEEZERS						
		 OAL (mm) 112  TIP Flat, Round	 General Purpose						
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
K2A.CF.X.1760	(CF)	-	1.60	0.40	Smooth	Smooth	-	-	Mid
Model	K6	Model K6 is perfect for manipulation of hot components or very delicate parts	PLASTIC TWEEZERS						
		 OAL (mm) 112  TIP Hooked	 General Purpose						
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
K6.CF.X.1762	(CF)	-	0.80	0.35	Smooth	Smooth	-	-	Mid
Model	K7	Model K7 is perfect for manipulation of hot components or very delicate parts	PLASTIC TWEEZERS						
		 OAL (mm) 112  TIP Fine	 General Purpose						
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
K7.CF.X.1763	(CF)	-	0.48	0.38	Smooth	Smooth	-	-	Mid

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TWEEZERS

Model	K35A	Model K35 is perfect for manipulation of hot components or very delicate parts	PLASTIC TWEEZERS
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B (mm)
K35A.CF.X.1761	(CF)	-	5.75 0.25
HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES
Smooth	Smooth	-	General Purpose
ACCURACY LEVEL	E B M J W L A O		
Mid	● ● ● ● ● ●		

Model	KR6	Model KR6 is perfect for manipulation of hot components or very delicate parts	PLASTIC TWEEZERS
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B (mm)
KR6.CF.X.1764	(CF)	-	2.70 0.40
HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES
Smooth	Smooth	-	General Purpose
ACCURACY LEVEL	E B M J W L A O		
Mid	● ● ● ● ● ●		

Model	L	-	CLASSIC TWEEZERS
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B (mm)
L.S.SQ.412	(S)	Sand Blasted	0.70 1.20
L.S.RH.432	(S)	Sand Blasted	0.70 1.20
L.S.STG.818	(S)	Sand Blasted	0.70 1.20
L.S.STH.1919	(S)	Sand Blasted	0.70 1.20
L.S.SQ.403	(S)	Black Coated	0.70 1.20
L.S.RH.1918	(S)	Black Coated	0.70 1.20
L.TA.ST.745	(TA)	Sand Blasted	0.70 1.20
L.TA.RH.828	(TA)	Sand Blasted	0.70 1.20
L.TA.STG.1920	(TA)	Sand Blasted	0.70 1.20
L.TA.STH.1921	(TA)	Sand Blasted	0.70 1.20
HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES
Serration	Square Serration	-	Handling gem stones and diamonds
Rhomb Serration	-	-	
Starlight	-	-	
Starlight	Square Serration	-	
Serration	Square Serration	-	
Serration	Rhomb Serration	-	
Starlight	-	-	
Serration	Rhomb Serration	-	
Starlight	-	-	
Starlight	Square Serration	-	
ACCURACY LEVEL	E B M J W L A O		
Top	●		

Model	L1	-	CLASSIC TWEEZERS
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B (mm)
L1.S.RH.225	(S)	Sand Blasted	0.80 1.20
L1.S.RH.1922	(S)	Black Coated	0.80 1.20
HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES
Serration	Rhomb Serration	-	Handling gem stones and diamonds
Serration	Rhomb Serration	-	Longitudinal Canal
ACCURACY LEVEL	E B M J W L A O		
Top	●		
Top	●		

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TWEEZERS

Model	LR	-	CLASSIC TWEEZERS																																																																																																																						
			  OAL (mm) 160  TIP Large																																																																																																																						
PART NUMBER	BODY MATERIAL	FINISHING	<table border="1"> <thead> <tr> <th>A (mm)</th> <th>B (mm)</th> <th>HANDLE</th> <th>INNER TIP</th> <th>TIP ANGLE</th> <th>SPECIALTIES</th> <th>ACCURACY LEVEL</th> <th>E B M J W L A O</th> </tr> </thead> <tbody> <tr> <td>LR.S.RH.463 (S)</td><td>Sand Blasted</td><td>0.70</td><td>1.20</td><td>Serration</td><td>Rhomb Serration</td><td>-</td><td>Lock</td><td>Top</td><td>◎</td></tr> <tr> <td>LR.S.SQ.1923 (S)</td><td>Sand Blasted</td><td>0.70</td><td>1.20</td><td>Serration</td><td>Square Serration</td><td>-</td><td>Lock</td><td>Top</td><td>◎</td></tr> <tr> <td>LR.S.ST.1924 (S)</td><td>Sand Blasted</td><td>0.70</td><td>1.20</td><td>Serration</td><td>Starlight</td><td>-</td><td>Lock</td><td>Top</td><td>◎</td></tr> <tr> <td>LR.S.RH.1925 (S)</td><td>Black Coated</td><td>0.70</td><td>1.20</td><td>Serration</td><td>Rhomb Serration</td><td>-</td><td>Lock</td><td>Top</td><td>◎</td></tr> <tr> <td>LR.S.SQ.1926 (S)</td><td>Black Coated</td><td>0.70</td><td>1.20</td><td>Serration</td><td>Square Serration</td><td>-</td><td>Lock</td><td>Top</td><td>◎</td></tr> </tbody> </table>	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O	LR.S.RH.463 (S)	Sand Blasted	0.70	1.20	Serration	Rhomb Serration	-	Lock	Top	◎	LR.S.SQ.1923 (S)	Sand Blasted	0.70	1.20	Serration	Square Serration	-	Lock	Top	◎	LR.S.ST.1924 (S)	Sand Blasted	0.70	1.20	Serration	Starlight	-	Lock	Top	◎	LR.S.RH.1925 (S)	Black Coated	0.70	1.20	Serration	Rhomb Serration	-	Lock	Top	◎	LR.S.SQ.1926 (S)	Black Coated	0.70	1.20	Serration	Square Serration	-	Lock	Top	◎																																																												
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Model	M00D	Model M00D is a general purpose tweezers ideal for firmly hold components thanks to its serrate handle	MINI TWEEZERS																																																																																																																						
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M00D.SA.X.533 (SA)	Sand Blasted	-	-	Serration	Serrated	-	-	Top	● ● ● ● ●																																																																																																																
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TWEEZERS

Model	M1	-	CLASSIC TWEEZERS											
		 OAL (mm) 160  TIP Medium	 Handling gem stones and diamonds 											
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B HANDLE INNER TIP TIP ANGLE SPECIALTIES ACCURACY LEVEL											
M1.S.RH.469	(S)	Sand Blasted	0.70	0.90	Serration	Rhomb Serration	-	Longitudinal Canal	Top	<input checked="" type="radio"/>				
M1.S.RH.1914	(S)	Black Coated	0.70	0.90	Serration	Rhomb Serration	-	Longitudinal Canal	Top	<input checked="" type="radio"/>				
Model	M2	Model M2 allow to handle firmly small components anks to its short body	MINI TWEEZERS											
		 OAL (mm) 80  TIP Fine, Sharp	 General Purpose 											
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B HANDLE INNER TIP TIP ANGLE SPECIALTIES ACCURACY LEVEL											
M2.SA.X.69	(SA)	Sand Blasted	-	-	Smooth	Smooth	-	Straight	Top	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
M2.SA.X.1795	(SA)	Satin Finished	-	-	Smooth	Smooth	-	Straight	Top	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
M2.S.X.1796	(S)	Sand Blasted	-	-	Smooth	Smooth	-	Straight	Top	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
M2.S.X.1797	(S)	Satin Finished	-	-	Smooth	Smooth	-	Straight	Top	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Model	M3	Model M3 low to handle firmly small components anks to its short body	MINI TWEEZERS											
		 OAL (mm) 70  TIP Fine, Sharp	 General Purpose 											
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B HANDLE INNER TIP TIP ANGLE SPECIALTIES ACCURACY LEVEL											
M3.SA.X.1794	(SA)	Sand Blasted	-	-	Smooth	Smooth	-	-	Top	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
M3.SA.X.1793	(SA)	Satin Finished	-	-	Smooth	Smooth	-	-	Top	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
M3.S.X.42	(S)	Sand Blasted	0.12	0.08	Smooth	Smooth	-	-	Top	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
M3.S.X.1792	(S)	Satin Finished	0.12	0.08	Smooth	Smooth	-	-	Top	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Model	M5	Model M5 low to handle firmly small components anks to its short body	MINI TWEEZERS											
		 OAL (mm) 85  TIP Superfine	 General Purpose 											
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B HANDLE INNER TIP TIP ANGLE SPECIALTIES ACCURACY LEVEL											
M5.SA.X.177	(SA)	Sand Blasted	0.16	0.07	Smooth	Smooth	-	-	Top	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
M5.SA.X.1799	(SA)	Satin Finished	0.16	0.07	Smooth	Smooth	-	-	Top	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
M5.S.X.72	(S)	Sand Blasted	0.14	0.07	Smooth	Smooth	-	-	Top	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
M5.S.X.1798	(S)	Satin Finished	0.14	0.07	Smooth	Smooth	-	-	Top	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Model	MED1	Model MED1 enables high precision handling in demanding environment with a perfect grip	CLASSIC TWEEZERS											
		 OAL (mm) 120  TIP Strong	 Surgical 											
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B HANDLE INNER TIP TIP ANGLE SPECIALTIES ACCURACY LEVEL											
MED1.SA.X.1817	(SA)	Satin Finished	0.18	0.12	Serration	Smooth	-	-	Top	<input checked="" type="radio"/>	<input type="radio"/>			
MED1.S.X.1818	(S)	Satin Finished	0.17	0.12	Serration	Smooth	-	-	Top	<input checked="" type="radio"/>	<input type="radio"/>			

NOTE:
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 - Where A and B are not indicated, they're available upon request

TWEEZERS

Model	MED2	Model MED2 enables high precision handling in demanding environment with a perfect grip	CLASSIC TWEEZERS
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B (mm)
MED2.SA.X.1819	(SA)	Satin Finished	0.28 0.12
MED2.S.X.1820	(S)	Satin Finished	0.26 0.12
	HANDLE	Serration	
	INNER TIP	Smooth	
	TIP ANGLE	-	
	SPECIALTIES	-	
	ACCURACY LEVEL	E B M J W L A O	
		Top	● ●
		Top	● ●
Model	MED2A	Model MED2A enables high precision handling in demanding environment with a perfect grip	CLASSIC TWEEZERS
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B (mm)
MED2A.SA.X.1821	(SA)	Satin Finished	1.50 0.25
MED2A.S.X.1822	(S)	Satin Finished	1.50 0.25
	HANDLE	Serration	
	INNER TIP	Smooth	
	TIP ANGLE	-	
	SPECIALTIES	-	
	ACCURACY LEVEL	E B M J W L A O	
		Top	● ●
		Top	● ●
Model	MED3	Model MED3 enables high precision handling in demanding environment with a perfect grip	CLASSIC TWEEZERS
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B (mm)
MED3.SA.X.1823	(SA)	Satin Finished	0.12 0.07
MED3.SA.W.1825	(SA)	Satin Finished	0.12 0.07
MED3.S.X.1824	(S)	Satin Finished	0.11 0.07
MED3.S.W.1826	(S)	Satin Finished	0.11 0.07
	HANDLE	Serration	
	INNER TIP	Smooth	
	TIP ANGLE	-	
	SPECIALTIES	-	
	ACCURACY LEVEL	E B M J W L A O	
		Top	● ●
Model	MED4	Model MED4 enables high precision handling in demanding environment with a perfect grip	CLASSIC TWEEZERS
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B (mm)
MED4.SA.X.1827	(SA)	Satin Finished	0.13 0.07
MED4.SA.W.1828	(SA)	Satin Finished	0.13 0.07
MED4.S.X.716	(S)	Satin Finished	0.12 0.09
MED4.S.W.1829	(S)	Satin Finished	0.12 0.09
	HANDLE	Serration	
	INNER TIP	Smooth	
	TIP ANGLE	-	
	SPECIALTIES	-	
	ACCURACY LEVEL	E B M J W L A O	
		Top	● ●
Model	MED5	Model MED5 enables high precision handling in demanding environment with a perfect grip	CLASSIC TWEEZERS
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B (mm)
MED5.SA.X.1830	(SA)	Satin Finished	0.10 0.06
MED5.SA.W.1836	(SA)	Satin Finished	0.10 0.06
MED5.S.X.856	(S)	Satin Finished	0.09 0.06
MED5.S.W.1837	(S)	Satin Finished	0.09 0.06
	HANDLE	Serration	
	INNER TIP	Smooth	
	TIP ANGLE	-	
	SPECIALTIES	-	
	ACCURACY LEVEL	E B M J W L A O	
		Top	● ●

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TWEEZERS

Model	MED5/45	Model MED5/45 enables high precision handling in demanding environment with a perfect grip. The angled tips allows access to restricted areas							CLASSIC TWEEZERS
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
MED5/45.SA.X.1831	(SA)	Satin Finished	-	-	Serration	Smooth	45°	-	Top
MED5/45.S.X.409	(S)	Satin Finished	-	-	Serration	Smooth	45°	-	Top
Model MED5/90 enables high precision handling in demanding environment with a perfect grip. The angled tips allows access to restricted areas							CLASSIC TWEEZERS		
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
MED5/90.SA.X.1832	(SA)	Satin Finished	-	-	Serration	Smooth	90°	-	Top
MED5/90.S.X.1833	(S)	Satin Finished	-	-	Serration	Smooth	90°	-	Top
Model MED5A enables high precision handling in demanding environment with a perfect grip							CLASSIC TWEEZERS		
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
MED5A.SA.X.1834	(SA)	Satin Finished	0.13	0.08	Serration	Smooth	-	Oblique tips	Top
MED5A.S.X.1835	(S)	Satin Finished	0.12	0.08	Serration	Smooth	-	Oblique tips	Top
Model MED6 enables high precision handling in demanding environment with a perfect grip							CLASSIC TWEEZERS		
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
MED6.SA.X.1838	(SA)	Satin Finished	0.15	0.06	Serration	Smooth	-	Hooked tips	Top
MED6.S.X.1839	(S)	Satin Finished	0.15	0.06	Serration	Smooth	-	Hooked tips	Top
Model MED7 enables high precision handling in demanding environment with a perfect grip							CLASSIC TWEEZERS		
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL
MED7.SA.X.1840	(SA)	Satin Finished	0.16	0.10	Serration	Smooth	-	Curved tips	Top
MED7.S.X.696	(S)	Satin Finished	0.15	0.10	Serration	Smooth	-	Curved tips	Top

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TWEEZERS

Model	MED7B	Model MED7B enables high precision handling in demanding environment with a perfect grip	CLASSIC TWEEZERS
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B (mm)
MED7B.SA.X.1841	(SA)	Satin Finished	0.20 0.15
MED7B.S.X.482	(S)	Satin Finished	0.19 0.15
HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES
Serration	Serrated	-	Curved tips
Serration	Serrated	-	Curved tips
ACCURACY LEVEL	E B M J W L A O		
Top	● ●		
Top	● ●		
Model	MED24	Model MED24 enables high precision handling in demanding environment with a perfect grip	CLASSIC TWEEZERS
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B (mm)
MED24.SA.X.1842	(SA)	Satin Finished	- -
MED24.S.X.699	(S)	Satin Finished	- -
HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES
Serration	Smooth	- -	
Serration	Smooth	- -	
ACCURACY LEVEL	E B M J W L A O		
Top	● ●		
Top	● ●		
Model	MED27	Model MED27 enables high precision handling in demanding environment with a perfect grip	CLASSIC TWEEZERS
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B (mm)
MED27.SA.X.1843	(SA)	Satin Finished	- -
MED27.S.X.1844	(S)	Satin Finished	- -
HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES
Serration	Smooth	- -	
Serration	Smooth	- -	
ACCURACY LEVEL	E B M J W L A O		
Top	● ●		
Top	● ●		
Model	MED27/45	Model MED27/45 enables high precision handling in demanding environment with a perfect grip. The angled tips allows access to restricted areas	CLASSIC TWEEZERS
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B (mm)
MED27/45.SA.X.1845	(SA)	Satin Finished	- -
MED27/45.S.X.1846	(S)	Satin Finished	- -
HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES
Serration	Smooth	45° -	
Serration	Smooth	45° -	
ACCURACY LEVEL	E B M J W L A O		
Top	● ●		
Top	● ●		
Model	MEDSS	Model MEDSS enables high precision handling in demanding environment with a perfect grip	CLASSIC TWEEZERS
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B (mm)
MEDSS.SA.X.1847	(SA)	Satin Finished	0.11 0.07
MEDSS.S.X.1848	(S)	Satin Finished	0.10 0.07
HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES
Serration	Smooth	- -	
Serration	Smooth	- -	
ACCURACY LEVEL	E B M J W L A O		
Top	● ●		
Top	● ●		

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TWEEZERS

Model	MM	Model MM is suitable for applications that require to firmly hold small and delicate components	BOLEY TWEEZERS							
		 <p>OAL (mm) 125</p> <p> TIP Fine</p> <p> General Purpose</p>								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
MM.SA.X.375	(SA)	Sand Blasted	0.20	0.13	Smooth	Smooth	-	Beveled Tips	Top	
MM.SA.X.1787	(SA)	Satin Finished	0.20	0.13	Smooth	Smooth	-	Beveled Tips	Top	
MM.SA.X.1790	(SA)	EPOXY	0.20	0.13	Smooth	Smooth	-	Beveled Tips	Top	
MM.S.X.427	(S)	Sand Blasted	0.20	0.13	Smooth	Smooth	-	Beveled Tips	Top	
MM.S.X.1788	(S)	Satin Finished	0.20	0.13	Smooth	Smooth	-	Beveled Tips	Top	
MM.S.X.1791	(S)	EPOXY	0.20	0.13	Smooth	Smooth	-	Beveled Tips	Top	
MM.C.X.1789	(C)	Satin Finished	0.19	0.13	Smooth	Smooth	-	Beveled Tips	Top	
MM.C.X.650	(C)	Nickel Plated	0.20	0.13	Smooth	Smooth	-	Beveled Tips	Top	
Model	MR	-	CLASSIC TWEEZERS							
		 <p>OAL (mm) 160</p> <p> TIP Medium</p> <p> Handling gem stones and diamonds</p>								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
MR.S.RH.267	(S)	Sand Blasted	0.70	0.90	Serration	Rhomb Serration	-	Lock	Top	
MR.S.SQ.391	(S)	Sand Blasted	0.70	0.90	Serration	Square Serration	-	Lock	Top	
MR.S.ST.832	(S)	Sand Blasted	0.70	0.90	Serration	Starlight	-	Lock	Top	
MR.S.RH.1916	(S)	Black Coated	0.70	0.90	Serration	Rhomb Serration	-	Lock	Top	
MR.S.SQ.1917	(S)	Black Coated	0.70	0.90	Serration	Square Serration	-	Lock	Top	
Model	MR1	-	CLASSIC TWEEZERS							
		 <p>OAL (mm) 160</p> <p> TIP Medium</p> <p> Handling gem stones and diamonds</p>								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
MR1.S.RH.429	(S)	Sand Blasted	0.60	0.90	Serration	Rhomb Serration	-	Lock, Longitudinal Canal	Top	
MR1.S.RH.497	(S)	Black Coated	0.60	0.90	Serration	Rhomb Serration	-	Lock, Longitudinal Canal	Top	
Model	MW2	Model MW2 enable precise and firm handling. Thanks to its radius edges tips it grants an optimal execution	CLASSIC TWEEZERS							
		 <p>OAL (mm) 120</p> <p> TIP Strong</p> <p> General Purpose</p>								
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
MW2.SA.X.270	(SA)	Sand Blasted	0.28	0.17	Smooth	Smooth	-	Tips Radiused Edges	Top	
MW2.SA.X.1804	(SA)	Satin Finished	0.28	0.17	Smooth	Smooth	-	Tips Radiused Edges	Top	
MW2.ESA.X.1803	(ESA)	Sand Blasted	0.28	0.17	Smooth	Smooth	-	Tips Radiused Edges	Top	

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TWEEZERS

Model	NN	Model NN allows precision handling of small components without bending and avoiding scratches								BOLEY TWEEZERS
								 OAL (mm) 115	 TIP Fine	 General Purpose
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
NN.C.X.342	(C)	Nickel Plated	0.21	0.14	Smooth	Smooth	-	Nickel Plated	Top	
Model	P5	-								CLASSIC TWEEZERS
								 OAL (mm) 130	 TIP Strong	 General Purpose
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
P5.BR.X.160	(BR)	Sand Blasted	0.30	0.19	Smooth	Smooth	-	-	Top	
P5.BR.X.1961	(BR)	Satin Finished	0.30	0.19	Smooth	Smooth	-	-	Top	
P5.N.X.336	(N)	Sand Blasted	0.30	0.19	Smooth	Smooth	-	-	Top	
P5.N.X.1962	(N)	Satin Finished	0.30	0.19	Smooth	Smooth	-	-	Top	
P5.PB.X.290	(PB)	Sand Blasted	0.30	0.19	Smooth	Smooth	-	-	Top	
Model	P5F	-								CLASSIC TWEEZERS
								 OAL (mm) 130	 TIP Fine	 General Purpose
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
P5F.PB.X.620	(PB)	Sand Blasted	-	-	Smooth	Smooth	-	-	Top	
Model	S5	-								CLASSIC TWEEZERS
								 OAL (mm) 130	 TIP Fine	 General Purpose
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
S5.BR.X.116	(BR)	Sand Blasted	0.20	0.12	Smooth	Smooth	-	-	Top	
S5.BR.X.1960	(BR)	Satin Finished	0.20	0.12	Smooth	Smooth	-	-	Top	
S5.N.X.253	(N)	Sand Blasted	0.20	0.12	Smooth	Smooth	-	-	Top	
S5.PB.X.541	(PB)	Sand Blasted	0.20	0.12	Smooth	Smooth	-	-	Top	
S5.PB.X.1963	(PB)	Satin Finished	0.20	0.12	Smooth	Smooth	-	-	Top	
Model	S5F	-								CLASSIC TWEEZERS
								 OAL (mm) 130	 TIP Superfine	 General Purpose
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)	B (mm)	HANDLE	INNER TIP	TIP ANGLE	SPECIALTIES	ACCURACY LEVEL	E B M J W L A O
S5F.BR.X.163	(BR)	Sand Blasted	0.16	0.08	Smooth	Smooth	-	-	Top	

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TWEEZERS

Model	RR	Model RR allows precision handling of small components without bending and avoiding scratches								BOLEY TWEEZERS							
PART NUMBER	RR.C.X.692	BODY MATERIAL	(C)	FINISHING	Nickel Plated	A (mm)	-	B (mm)	HANDLE	OAL (mm) 140							
										 General Purpose							
										 TIP Fine							
																	
Model	SS	Model SS is suitable to delicate applications which require holding a small component firmly while granting good visibility.								CLASSIC TWEEZERS							
PART NUMBER	SS.SA.X.271 SS.SA.X.1766 SS.SA.X.321 SS.ESA.X.272 SS.S.X.683 SS.S.X.1769 SS.S.X.1767 SS.C.X.1770 SS.TA.X.1768 SS.BR.X.659 SS.SA.X.22 SS.S.X.188	BODY MATERIAL	(SA) (SA) (SA) (ESA) (S) (S) (S) (C) (TA) (BR) (SA) (S)	FINISHING	Sand Blasted Satin Finished EPOXY Sand Blasted Sand Blasted Satin Finished EPOXY Satin Finished Sand Blasted Sand Blasted Sand Blasted	A (mm)	0.11 0.11 0.20 0.11 0.10 0.10 0.14 0.10 0.11 0.11 0.20 0.14	B (mm)	0.09 0.09 0.08 0.09 0.08 0.08 0.09 0.08 0.09 0.09 0.08 0.09	HANDLE	Smooth Smooth Smooth Smooth Smooth Smooth Smooth Smooth Smooth Smooth Smooth Smooth	INNER TIP	Smooth Smooth Smooth Smooth Smooth Smooth Smooth Smooth Smooth Smooth Smooth Smooth	TIP ANGLE	- - - - - - - - - - - -	SPECIALTIES	General Purpose
										 TIP Fine							
																	
Model	TL	-								CLASSIC TWEEZERS							
PART NUMBER	TL.S.X.729	BODY MATERIAL	(S)	FINISHING	Sand Blasted	A (mm)	-	B (mm)	HANDLE	OAL (mm) 160							
										 Handling gem stones and diamonds							
										 TIP Large							
																	
Model	TM	-								CLASSIC TWEEZERS							
PART NUMBER	TM.S.X.645	BODY MATERIAL	(S)	FINISHING	Sand Blasted	A (mm)	-	B (mm)	HANDLE	OAL (mm) 160							
										 Handling gem stones and diamonds							
										 TIP Medium							
																	
ACCURACY LEVEL	E B M J W L A O	ACCURACY LEVEL	E B M J W L A O	ACCURACY LEVEL	E B M J W L A O	ACCURACY LEVEL	E B M J W L A O	ACCURACY LEVEL	E B M J W L A O	ACCURACY LEVEL							
Top	● ● ● ● ● ●	Top	● ● ● ● ● ●	Top	● ● ● ● ● ●	High	● ● ● ● ● ●	High	● ● ● ● ● ●	Top	● ● ● ● ● ●						

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TWEEZERS

Model	TXL	-	CLASSIC TWEEZERS
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B HANDLE INNER TIP TIP ANGLE SPECIALTIES ACCURACY LEVEL
TXL.S.X.1940	(S)	Sand Blasted	- - Serration Serrated - Teflon grip Top
		OAL (mm) 160	 Handling gem stones and diamonds
		OAL (mm) 160	 Handling gem stones and diamonds
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B HANDLE INNER TIP TIP ANGLE SPECIALTIES ACCURACY LEVEL
XF.S.RH.369	(S)	Sand Blasted	0.40 0.35 Serration Rhomb Serration - - Top
XF.S.ST.522	(S)	Sand Blasted	0.25 0.35 Serration Starlight - - Top
XF.S.STG.748	(S)	Sand Blasted	0.25 0.35 Starlight Starlight - - Top
XF.S.STH.1899	(S)	Sand Blasted	0.40 0.35 Starlight Rhomb Serration - - Top
XF.S.RH.1901	(S)	Black Coated	0.40 0.35 Serration Rhomb Serration - - Top
XF.TA.STG.490	(TA)	Sand Blasted	0.25 0.35 Starlight Starlight - - Top
XF.TA.ST.772	(TA)	Sand Blasted	0.25 0.35 Serration Starlight - - Top
XF.TA.RH.1900	(TA)	Sand Blasted	0.40 0.35 Serration Rhomb Serration - - Top
XF.TA.STH.1902	(TA)	Sand Blasted	0.40 0.35 Starlight Rhomb Serration - - Top
		OAL (mm) 160	 Handling gem stones and diamonds
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B HANDLE INNER TIP TIP ANGLE SPECIALTIES ACCURACY LEVEL
XFR.S.RH.1903	(S)	Sand Blasted	0.40 0.35 Serration Rhomb Serration - Lock Top
XFR.S.RH.1904	(S)	Black Coated	0.40 0.35 Serration Rhomb Serration - Lock Top
		OAL (mm) 160	 Handling gem stones and diamonds
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B HANDLE INNER TIP TIP ANGLE SPECIALTIES ACCURACY LEVEL
XLS.SQ.475	(S)	Sand Blasted	0.90 1.80 Serration Square Serration - - Top
XLS.RH.668	(S)	Sand Blasted	0.90 1.80 Serration Rhomb Serration - - Top
XLS.ST.827	(S)	Sand Blasted	0.90 1.80 Serration Starlight - - Top
XLS.STG.1930	(S)	Sand Blasted	0.90 1.80 Starlight Starlight - - Top
XLS.STH.1931	(S)	Sand Blasted	0.90 1.80 Starlight Rhomb Serration - - Top
XLS.RH.1928	(S)	Black Coated	0.90 1.80 Serration Rhomb Serration - - Top
XLS.SQ.1929	(S)	Black Coated	0.90 1.80 Serration Square Serration - - Top
XL.TA.STH.1932	(TA)	Sand Blasted	0.90 1.80 Starlight Rhomb Serration - - Top
XL.TA.RH.1933	(TA)	Sand Blasted	0.90 1.80 Serration Rhomb Serration - - Top
XL.TA.STG.1934	(TA)	Sand Blasted	0.90 1.80 Starlight Starlight - - Top
		OAL (mm) 160	 Handling gem stones and diamonds
		OAL (mm) 160	 ExtraLarge

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TWEEZERS

Model	XL1	-	CLASSIC TWEEZERS
		 OAL (mm) 160  TIP ExtraLarge	 Handling gem stones and diamonds
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)
XL1.S.RH.399	(S)	Sand Blasted	1.00
XL1.S.RH.1935	(S)	Black Coated	1.00
	HANDLE		B (mm)
			1.80
			Serration
	INNER TIP		TIP ANGLE
	Rhomb Serration		-
	Rhomb Serration		-
	SPECIALTIES		
		Longitudinal Canal	
	ACCURACY LEVEL		E B M J W L A O
			Top Top

Model	XLR	-	CLASSIC TWEEZERS
		 OAL (mm) 160  TIP ExtraLarge	 Handling gem stones and diamonds
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)
XLR.S.RH.567	(S)	Sand Blasted	0.90
XLR.S.ST.842	(S)	Sand Blasted	0.90
XLR.S.SQ.1937	(S)	Sand Blasted	0.90
XLR.S.RH.1938	(S)	Black Coated	0.90
XLR.S.SQ.1939	(S)	Black Coated	0.90
	HANDLE		B (mm)
			1.80
			Serration
	INNER TIP		TIP ANGLE
	Rhomb Serration		-
	SPECIALTIES		
		Lock	
		Lock	
		Lock	
	ACCURACY LEVEL		E B M J W L A O
			Top Top Top Top Top

Model	XLR1	-	CLASSIC TWEEZERS
		 OAL (mm) 160  TIP ExtraLarge	 Handling gem stones and diamonds
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)
XLR1.S.RH.640	(S)	Sand Blasted	0.70
XLR1.S.RH.1936	(S)	Black Coated	0.70
	HANDLE		B (mm)
			1.80
			Serration
	INNER TIP		TIP ANGLE
	Rhomb Serration		-
	Rhomb Serration		-
	SPECIALTIES		
		Lock, Longitudinal Canal	
		Lock, Longitudinal Canal	
	ACCURACY LEVEL		E B M J W L A O
			Top Top

Model	XXL	-	CLASSIC TWEEZERS
		 OAL (mm) 160  TIP ExtraExtraLarge	 Handling gem stones and diamonds
PART NUMBER	BODY MATERIAL	FINISHING	A (mm)
XXL.S.STG.850	(S)	Sand Blasted	0.90
XXL.S.STH.1941	(S)	Sand Blasted	0.90
XXL.S.RH.1942	(S)	Sand Blasted	0.90
XXL.S.SQ.1943	(S)	Sand Blasted	0.90
XXL.S.ST.1949	(S)	Sand Blasted	0.90
XXL.S.RH.1944	(S)	Black Coated	0.90
XXL.S.SQ.1945	(S)	Black Coated	0.90
XXL.TA.RH.1946	(TA)	Sand Blasted	0.90
XXL.TA.STG.1947	(TA)	Sand Blasted	0.90
XXL.TA.ST.1948	(TA)	Sand Blasted	0.90
	HANDLE		B (mm)
			2.40
			Serration
	INNER TIP		TIP ANGLE
	Starlight		-
	Rhomb Serration		-
	Rhomb Serration		-
	Square Serration		-
	Starlight		-
	Rhomb Serration		-
	Square Serration		-
	Rhomb Serration		-
	Starlight		-
	Starlight		-
	SPECIALTIES		
		-	
	ACCURACY LEVEL		E B M J W L A O
			Top Top Top Top Top Top Top Top

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TWEEZERS

Model	XXL1	-	CLASSIC TWEEZERS
			
			 OAL (mm) 160
			 TIP ExtraExtraLarge
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B (mm) HANDLE INNER TIP TIP ANGLE SPECIALTIES ACCURACY LEVEL
XXL1.S.RH.1950	(S)	Sand Blasted	0.90 2.40 Serration Rhomb Serration - Longitudinal Canal Top
XXL1.S.RH.1951	(S)	Black Coated	0.90 2.40 Serration Rhomb Serration - Longitudinal Canal Top

Model	XXLR	-	CLASSIC TWEEZERS
			
			 OAL (mm) 160
			 TIP ExtraExtraLarge
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B (mm) HANDLE INNER TIP TIP ANGLE SPECIALTIES ACCURACY LEVEL
XXLR.S.RH.1952	(S)	Sand Blasted	0.90 2.40 Serration Rhomb Serration - Lock Top
XXLR.S.SQ.1953	(S)	Sand Blasted	0.90 2.40 Serration Square Serration - Lock Top
XXLR.S.ST.1954	(S)	Sand Blasted	0.90 2.40 Serration Starlight - Lock Top
XXLR.S.RH.1955	(S)	Black Coated	0.90 2.40 Serration Rhomb Serration - Lock Top
XXLR.S.SQ.1956	(S)	Black Coated	0.90 2.40 Serration Square Serration - Lock Top

Model	XXLR1	-	CLASSIC TWEEZERS
			
			 OAL (mm) 160
			 TIP ExtraExtraLarge
PART NUMBER	BODY MATERIAL	FINISHING	A (mm) B (mm) HANDLE INNER TIP TIP ANGLE SPECIALTIES ACCURACY LEVEL
XXLR1.S.RH.1957	(S)	Sand Blasted	0.90 2.40 Serration Rhomb Serration - Lock, Longitudinal Canal Top
XXLR1.S.RH.1958	(S)	Black Coated	0.90 2.40 Serration Rhomb Serration - Lock, Longitudinal Canal Top

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