

Stainless Steel High-Precision Tweezers

◆ Product Description

The ST Series High Precision Stainless Steel Tweezers are professional tools engineered for precision handling operations. Made of premium stainless steel, they feature magnetic resistance, acid resistance, corrosion resistance and high temperature resistance, with excellent elasticity and superior anti-deformation performance. These tweezers are ideal for delicate precision work in electronics, semiconductor, medical, jewelry and other industries.

- Stainless Steel Material, Corrosion Resistant, Anti-magnetic And Durable.
- Precision Tip, Accurate And Stable Clamping.
- High Elasticity & Anti-fracture, No Deformation After Long-term Use.
- Smooth & Anti-adhesive, Easy To Clean Without Residue.
- Precision Craftsmanship, Lightweight, Labor-saving And Easy To Operate.

◆ Product Structure

- Stainless steel high precision tweezers adopt an integrated seamless stainless steel forming structure. the precision tips are available in different shapes such as straight tip, round tip and eagle beak curved tip according to models. treated with precision grinding and polishing, they ensure accurate clamping without burrs. the anti-slip finish on the grip area fits the hand curve perfectly. the entire series features a non-magnetic structure with anti-magnetic and corrosion-resistant performance. the overall structure is precise, stable and durable for long-term use.

◆ Typical Applications

- Stainless steel high precision tweezers are widely used in various precision operation scenarios such as electronic manufacturing and maintenance, semiconductor chip handling, laboratory scientific research and testing, and medical device assembly. They can accurately complete the gripping of tiny components, operation in narrow spaces and protection of fragile devices, and meet the high-precision operation requirements of various industries.



◆ Typical Product Data and Physical Properties

Material: 304 Stainless Steel

Model: ST-10 to ST-17

Tip Hardness: HRC 40-45

Overall Hardness: HRC 38-40

Clamping Accuracy: ≥ 0.01 mm

Density: 7.9 g/cm^3

Clamping Force: approx. $250 \text{ g} \pm 10 \text{ g}$

Magnetic Property: Completely Non-magnetic

Availability:

Item#	Model	规格	长度	Weight
1.2.06.02.0001	ST-10	Straight Sharp Tip (Std)	110MM	0.025kg
1.2.06.02.0043	ST-11	Straight Sharp Tip (Ext)	140MM	0.025kg
1.2.06.02.0003	ST-12	Straight Sharp Tip (Rfd)	135MM	0.025kg
1.2.06.02.0004	ST-13	Rounded Tip	120MM	0.025kg
1.2.06.02.0055	ST-14	Ultra-fine Straight Sharp Tip	110MM	0.025kg
1.2.06.02.0040	ST-15	Curved Sharp Tip (S)	115MM	0.025kg
1.2.06.02.0007	ST-16	Straight Sharp Tip (HE)	125MM	0.025kg
1.2.06.02.0093	ST-17	Curved Sharp Tip (L)	115MM	0.025kg

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data is for reference purposes only.

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