



Precision Tweezers

We Offer a Wide Variety of Tweezers To Meet a Broad Range Of Applications and 2 Different Quality Grades.

In order to choose the best tool for your application:

1. Determine the type of points best suited for your application.
2. Refer to the material guide below and select the correct material for your application.
3. Determine the quality level required for your application if applicable. (Table 1)
4. Remember there is a trade-off between hardness, magnetism and corrosion resistance. (Table 2)

QUALITY GRADES (Table 1)

Brand Recommend For:

Accu-Tek Made from the finest steels. Perfectly balanced for a superior feel. Light weight
★★★★ with soft tension with accurately finished points. Recommended for work under
 high power magnification aerospace and micro electronics and in applications
 where high precision is required. All Accu-Tek precision tweezers are made from
 anti-acid, anti-magnetic stainless steel.

Technik Finely crafted tweezers. Anti-glare finish to reduce eye strain. Hand finished points
★★★ for accuracy. Recommended for micro electronics and precision assembly.

MATERIAL SELECTION GUIDE (Table 2)

| Material | Tip Hardness | Magnetism | Corrosion Resistance |
|---|--------------|------------------------|--------------------------|
| Carbon Steel | Excellent | Yes | Low |
| Stainless Steel | Very Good | Some | Good |
| Stainless Steel, Anti-magnetic, Anti-acid | Good | None to very little | Excellent, Resists Acids |
| Carbon Composite | Soft | None | Non Corrosive |

Ceramic ESD Safe, non magnetic. Resists all chemicals except hydrofluoric acids. Withstands temperatures up to 900°F.
 Heat sink fighter. For more details on the features of our ceramic tweezers please refer to page 93.

Plastic We offer static dissipative plastic tweezers. Plastic tweezers are non magnetic, resist virtually all commercial
 solvents. Non absorbent and easy to clean. Tips are non-marring.

Carpenter 20, Nickel, Titanium, Beryllium, Copper & Brass: Available on special order.

SPECIAL COATINGS (Available on non magnetic steel only)

- TE - Teflon** Superior anti-scratch, non-stick material. Acid resistant. 400°F/200°C
- EP - Epoxy** Good electrical insulation and resistance to chemicals. Antiglare. 300°F/150°C
- RY - Ryton** Very smooth. Excellent resistance to chemicals and temperature.
- PY - Pyron** Water and solder repellent. Non conductive 950°F/500°C
- GP - Gold Plating** Very high corrosion resistance. Smooth anti-scratch, anti-glare, no tarnish finish.

* To order tweezers with above mentioned coatings, please add the symbol to the order #.
 * Call AVEN for price and delivery time.