

**CERAMIC TWEEZER**

SPT's ESD Ceramic Tweezer offers a simple method for threading of ultra-fine gold wire through the capillary without having to worry that the wire gets choked inside the capillary. The ceramic tweezer is ideal for fine-pitch and ultra fine-pitch bonding application whereby the manoeuvre of the wire within the hole of the capillary is limited.

Until now, threading of Au wire though the capillary has been performed using a metal tweezer to grip the wire. This has the tendency to flatten the wire and increase the surface area. In ultra fine pitch bonding, hole to wire clearance is only about 3-4um. Most of the time, the wire get choked inside the hole as the flatten wire is almost the same diameter as the hole size. With the ceramic tweezer, this flatten effect was overcome.

**Advantages:**

- Rigidity of the ceramic tip provide absolute gripping of the gold wire without damaging or flattening the wire.
- Especially useful for ultra fine-pitch bonding whereby the hole to gold wire clearance is very limited by the bonding application and the capillary hole gets clogged easily due to the flattening effect of the wire.

**How To Order:**

TWZ - Material - TL - Tip Style

Tool Length mm	Tip Style	Part Number
150	A	TWZ-ESD-L-A
135	A	TWZ-ESD-S-A
150	B	TWZ-ESD-L-B
135	B	TWZ-ESD-S-B

