

ESD Ceramic Replaceable Tip Tweezers (ZJ)

General notes:

- » Zirconia Toughened Alumina (ZTA)
- » a superior combination of high strength (from zirconia) and high hardness (from alumina)
- » relatively low density
- » no open porosity
- » very hard surface, good abrasion and wear resistance
- » good flexural strength and fracture toughness
- » excellent thermal properties and high temperature stability
- » extreme corrosion resistance, nearly chemically inert
- » **ESD Safe static dissipative material**
- » typically applications includes **handling of EOS/ESD** sensitive components, handling of components during thermal, chemical and soldering processes. Generally used when very rigid tips are required.

Thermal properties

Thermal conductivity	5 W/m K	
Coef. of lin. therm expansion	9.5 E-6/°C	25°C-1.000°C
Continuous Use Temperature	1400°C	20.000 h
Shock resistance, ΔT	325°C	

Electrical properties

Surface resistivity	10⁷-10⁹ Ohm/sq.	100 V
Decay time	<0.5 sec	1.000-10V



2AZJK.SA

A 0.98" 25 mm - B 0.075" 1.9 mm - C 0.028" 0.7 mm - D 1.57" 40 mm _ Replaceable tips set code: **A2AZJK**



71ZJ.SA

A 1.18" 30 mm - B 0.028" 0.7 mm - C 0.05" 1.2 mm - D 1.77" 45 mm _ Replaceable tips set code: **A71ZJ**



72ZJ.SA

A 1.18" 30 mm - B 0.010" 0.25 mm - C 0.028" 0.7 mm - D 1.77" 45 mm _ Replaceable tips set code: **A72ZJ**



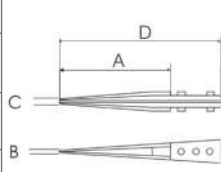
73ZJ.SA

A 1.40" 35 mm - B 0.024" 0.6 mm - C 0.04" 1.00 mm - D 1.90" 50 mm _ Replaceable tips set code: **A73ZJ**



7ZJ.SA

A 1.2" 30 mm - B 0.028" 0.7 mm - C 0.036" 0.9 mm -
D 1.57" 40 mm _ Replaceable tips set code: **A7ZJ**

	A	B	C	D	
2AZJK.SA	25 mm	1.9 mm	0.7 mm	40 mm	
71ZJ.SA	30 mm	0.7 mm	1.2 mm	45 mm	
72ZJ.SA	30 mm	0.25 mm	0.7 mm	45 mm	
73ZJ.SA	35 mm	0.6 mm	1.0 mm	50 mm	
7ZJ.SA	30 mm	0.7 mm	0.9 mm	40 mm	
PART #	DIMENSIONS				