

## 72ZJ ESD Ceramic tips Tweezers

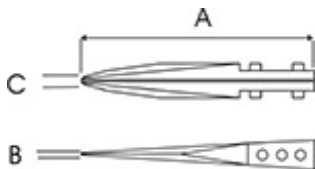


Fine strong tips

A 1.8" 45 mm

B 0.016" 0.4 mm

C 0.03" 0.7 mm



A72ZJ

**Replaceable tips set (2 tips with screws)**

### 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	<b>5 W/m·K</b>	
Coef. of lin. therm expansion	<b>9.5 E-6/°C</b>	<i>25°C-1.000°C</i>
Continuous Use Temperature	<b>1400°C</b>	<i>20.000 h</i>
Shock resistance, ΔT	<b>325°C</b>	

## Electrical properties

Surface resistivity	<b>10 E7-10 E9 Ohm/sq.</b>	<i>100 V</i>
Decay time	<b>&lt;0.5 sec</b>	<i>1.000-10V</i>

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