

Ceramic Replaceable Tip Tweezers (MZ)

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
- » **electrically insulating**
- » typically applications includes soldering processes, handling of components during thermal and chemical processes. Generally used when very rigid tips are required

Thermal properties

Thermal conductivity	26 W/m·K	25°C-1.000°C 20.000 h
Coef. of lin. therm expansion	8.0 E-6/°C	
Continuous Use Temperature	1400°C	
Shock resistance, ΔT	325°C	

Electrical properties

Surface resistivity	>10¹² Ohm·cm
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2AMZ.SA

A 1.4" 35 mm - B 0.079" 2.0 mm - C 0.024" 0.6 mm -
D 1.9" 50 mm _ Replaceable tips set code: **A2AMZ**



7MZ.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: **A7MZ**



71MZ.SA

A 1.18" 30 mm - B 0.028" 0.7 mm - C 0.05" 1.2 mm -
D 1.8" 45 mm _ Replaceable tips set code: **A71MZ**

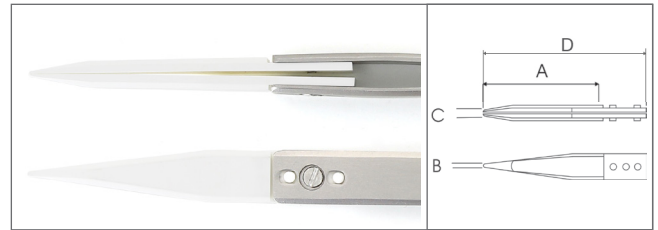


72MZ.SA

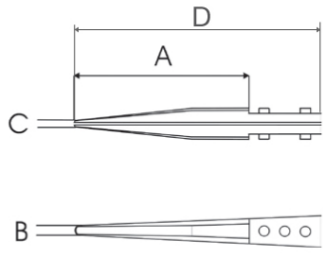
A 1.18" 30 mm - B 0.012" 0.3 mm - C 0.02" 0.5 mm -
D 1.8" 45 mm _ Replaceable tips set code: **A72MZ**



73MZ.SA
 A 1.4" 35 mm - B 0.012" 0.3 mm - C 0.04" 1.0 mm -
 D 1.9" 50 mm _ Replaceable tips set code: **A73MZ**



74MZ.SA
 A 1.6" 40 mm - B 0.04" 1.0 mm - C 0.04" 1.0 mm -
 D 2.2" 55 mm _ Replaceable tips set code: **A74MZ**

	A mm	B mm	C mm	D mm	
2AMZ.SA	35	2.0	0.6	50	
7MZ.SA	30	0.7	0.9	40	
71MZ.SA	30	0.7	1.2	45	
72MZ.SA	30	0.3	0.5	45	
73MZ.SA	35	0.3	1.0	50	
74MZ.SA	40	1.0	1.0	55	
PART #	DIMENSIONS				