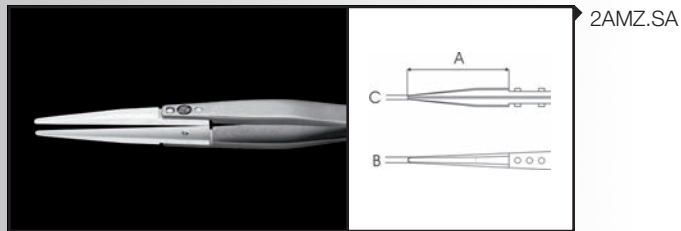


Ceramic Replaceable Tip Tweezers

Zirconia ceramic precision tips (MZ). Surface resistivity 10E12 Ohm. Contamination free, high temperature (1500°C) wear and solder resistant. Stainless steel (SA) handles. Alignable replaceable tips system: PATENT PENDING NO. 1750/97. Technical data are available on pages 35-36 or at www.ideal-tek.com

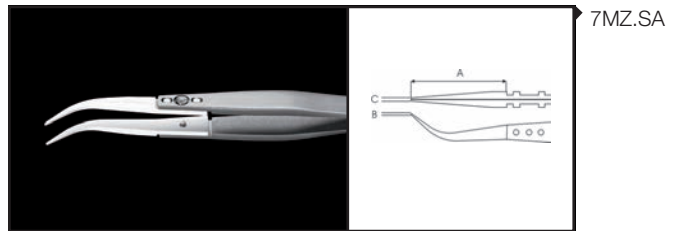
技术咨询与报价

电话: 18823303057 QQ:2104028976



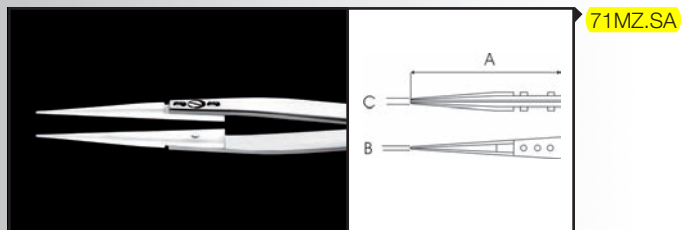
2AMZ.SA

A 1.4" 35mm - B 0.08" 2.0mm - C 0.02" 0.6mm
replaceable tips set code: **A2AMZ**



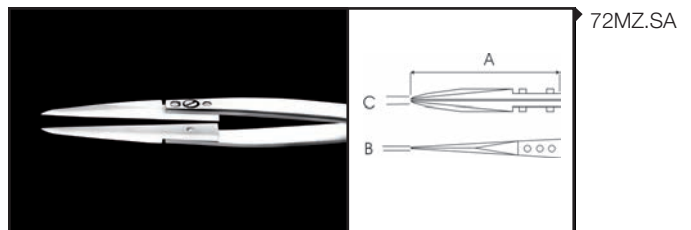
7MZ.SA

A 1.7" 43.5mm - B 0.02" 0.6mm - C 0.02" 0.6mm
replaceable tips set code: **A7MZ**



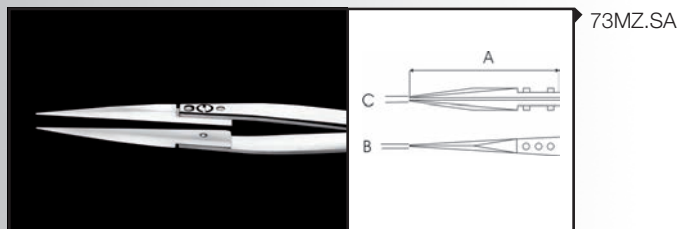
71MZ.SA

A 1.2" 30mm - B 0.011" 0.3mm - C 0.011" 0.3mm
replaceable tips set code: **A71MZ**



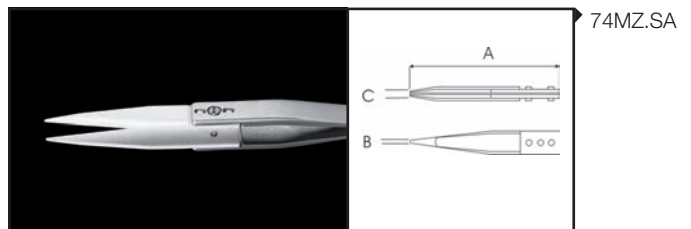
72MZ.SA

A 1.2" 30mm - B 0.007" 0.2mm - C 0.016" 0.4mm
replaceable tips set code: **A72MZ**



73MZ.SA

A 1.3" 33mm - B 0.011" 0.3mm - C 0.02" 0.6mm
replaceable tips set code: **A73MZ**

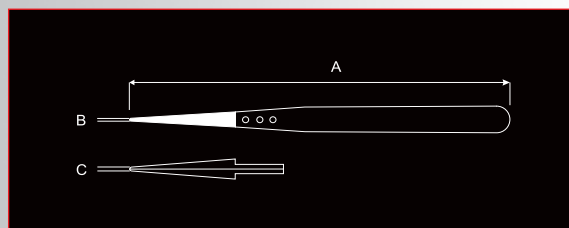


74MZ.SA

A 1.6" 40mm - B 0.019" 0.5mm - C 0.019" 0.5mm
replaceable tips set code: **A74MZ**

Plastic Tip Tweezers

The largest and the most precise plastic tweezers range all over the world. 30 years of experience in high engineering plastic materials. Choose the right tweezers in the right material for your success in your application. Technical data are available on pages 35-36 or at www.ideal-tek.com for more information and chemical data-charts.



00CF.SA

A 5" 130mm - B 0.04" 1.0mm - C 0.08" 2.0mm



2ACF.SA

A 5" 130mm - B 0.07" 1.8mm - C 0.04" 1.0mm



3CCF.SA

A 4 1/4" 110mm - B 0.03" 0.8mm - C 0.05" 1.3mm



3CF.SA

A 5" 130mm - B 0.03" 0.8mm - C 0.05" 1.3mm



5CF.SA

A 5" 130mm - B 0.02" 0.5mm - C 0.025" 0.6mm

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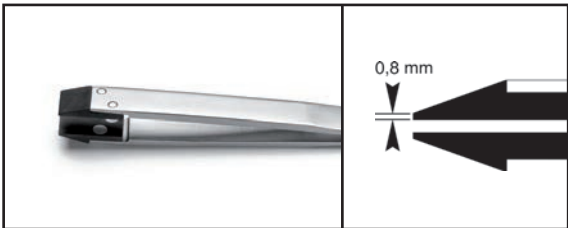
5XCF.SA

A 5" 130mm - B 0.02" 0.5mm - C 0.025" 0.6mm



7CF.SA

A 5" 130mm - B 0.025" 0.6mm - C 0.025" 0.6mm



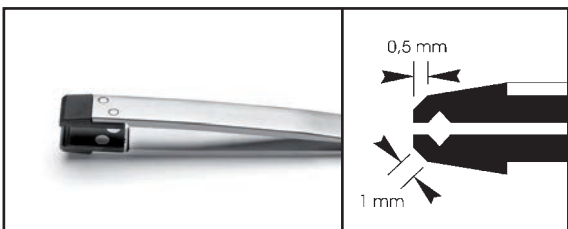
248CF.SA

A 5" 130mm - B 0.4" 10mm - C 0.07" 1.8mm



249CF.SA

A 5" 130mm - B 0.09" 2.2mm - C 0.09" 2.2mm



250CF.SA

A 5" 130mm - B 0.4" 10mm - C 0.07" 1.8mm



259CF.SA

A 5" 130mm - B 0.025" 0.6mm - C 0.04" 1.0mm



269CF.SA

A 5" 130mm - B 0.12" 3.0mm - C 0.07" 1.8mm

TECHNICAL DATA SHEET

Engineering plastic type CF

General notes:

- » **PA66/CF30** polyamide 66 reinforced with 30 wt% carbon fibre
- » heat stabilized
- » very high rigidity, excellent tensile and flexural strength, fatigue and creep resistance
- » low friction, self lubricating properties, excellent wear and abrasion resistance
- » good heat capability
- » good chemical resistance (oils, grease, fuels, non polar solvents); not resistant to strong acids, alkalis and hot water or steam
- » ESD safe material, (avoid powder attraction, sparks generation, ignition sources)
- » very low coefficient of linear thermal expansion
- » typical applications include handling of sensitive components and devices (electronic components, micro-mechanical parts, glass and ceramic substrates, capillary, etc.)

Mechanical properties

Flexural modulus +23°C	17000 MPa	<i>ASTM D 790</i>
Flexural modulus +60°C	12000 MPa	<i>ASTM D 790</i>
Flexural modulus +90°C	9800 MPa	<i>ASTM D 790</i>
Flexural modulus +120°C	8000 MPa	<i>ASTM D 790</i>
Tensile strength +23°C	210 MPa	<i>ISO 527</i>
Tensile strength +60°C	159 MPa	<i>ISO 527</i>
Tensile strength +90°C	134 MPa	<i>ISO 527</i>
Tensile strength +120°C	117 MPa	<i>ISO 527</i>
Rockwell hardness M	>100	<i>ASTM D 785</i>
Izod-Impact strength (notched) +23°C	70 J/m	<i>ASTM D 256</i>
Charpy-Impact strength (unnotched) +23°C	30 kJ/m²	<i>DIN 53453</i>

Thermal properties

Temp. of defl. under load (1.80 MPa)	256 °C	<i>ASTM D648</i>
Temp. of defl. under load (0.45 MPa)	260 °C	<i>ASTM D648</i>
Vicat softening temperature (50°C/h 50N)	254 °C	<i>ISO 306</i>
Coef. of lin. therm expansion, normal	2,80 E-5/°C	<i>ASTM D 696</i>
Continuous Use Temperature	130°C	<i>20'000 h</i>
Short Time Temperature	190°C	

Electrical properties

Surface resistivity	10² Ohm	<i>100V</i>
Comparative tracking index	<100 Volts	<i>IEC 112</i>
Decay time	< 0.1 sec	<i>1000-10 V</i>

This document contains information based on average values as obtained from the results of laboratory tests and observations made on the material. Ideal-Tek SA declines all responsibility from an improper use of the product described in this document.