

Bernstein 5-454. ESD changeable ceramic tweezers tips 0.7 width, dissipative

Item no. **BS-5-454** Manufacturer **Bernstein**
 Manufacturer no. **5-454** EAN **4250838512343**

ESD changeable ceramic tweezers tips 0.7 width, dissipative

TECHNICAL DATA



Article authenticity	Original product
Condition of article	New
Execution	ESD (antistatic)
HS-Code	82032000
Lenght	125
Weight	0.017 kg

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

- very fine tips width 0.7 mm
- form 71 ZJ
- material tip ceramic/zirconia
- matt polished surface, smooth and glare-free
- conductive between 10^6 - 10^9 ohms
- length 125 mm
- weight 17 g

Area of application

Special tweezers with replaceable ESD ceramic (ZIRCONIA) tips for very sensitive components.

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Technical description

Zirconium oxide is a highly wear-resistant, tetragonal ZrO₂, Y₂O₃ partially stabilized. Physical properties at room temperature: flexural strength 800N/mm², modulus of elasticity 2x10⁵N/mm², density 6.05g/cm³, hardness 1350HV, application range up to 800°C, coefficient of thermal expansion 10x10⁻⁶ K⁻¹, thermal conductivity 2W/mK, electrical resistance 10⁸ Ohm. In addition, it is solder-repellent, heat-resistant and resistant to acids and alkalis. ESD ceramic tips meet the highest requirements due to their excellent mechanical, thermal and electrical properties, dissipative between 10⁶ and 10⁹ Ohm and long service life. The tweezer body is made of high quality stainless steel and is antimagnetic and acid resistant.