

# ESD changeable tips tweezers

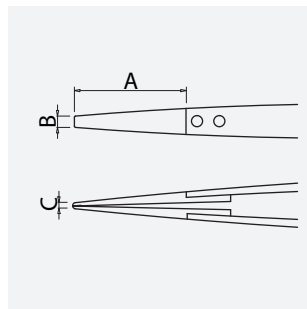
## 1.0 mm wide, conductive

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|---------------------------|---|
| <b>Art.-No.</b>           | 5-433   |
| <b>Description</b>        | ESD changeable tips tweezers 1.0 mm wide, conductive  |
| <b>Application</b>        | Precision mechanics, electronics, SMD/THT assembly, precision work, jewelers, watchmakers                         |
| <b>Specification</b>      | not serrated jaws   |
| <b>Material</b>           | Stainless steel + ESD plastic CFK (Carbon fiber reinforced plastic)   |
| <b>Surface/Coating</b>    | matt finish   |
| <b>Features</b>           | abrasion resistant, antistatic, heat-resistant, solder-repellent, acid-resistant, stable (sturdy), wear-resistant |
| <b>Surface resistance</b> | $10^2$ to $10^3$ Ohm  |
| <b>Shape</b>              | AG: Interchangeable tips straight   |
| <b>Icon No.</b>           | AG3   |

### Dimensions and weight

A = 26 mm  
B = 1.2 mm  
C = 1 mm

length 125 mm  
weight 17 g



### Application and technical data

Special tweezers with replaceable CARBOFIB tips (plastic fibers) for very sensitive components, very conductive  $10^2$  to  $10^3$  Ohm.

Carbon fiber-reinforced plastic (CFRP = carbon fiber-reinforced plastic) is electrically and thermally very conductive and is characterized by high abrasion resistance and scratch resistance. It has a negative coefficient of thermal expansion in the longitudinal direction, which is why they initially become shorter and thicker when heated. Temperature stable up to 130° degrees, short term up to 190° degrees. Specific heat capacity: 710 J/(kg·K) Thermal conductivity: 17 W/(m·K) Coefficient of thermal expansion:  $0.1 \cdot 10^{-6}/K$ . CARBOFIB is fully resilient, fatigue resistant, vibration damping and water repellent. With high resistance to most acids, alkalis and solvents. The tweezers body made of high quality stainless steel is anti-magnetic and acid resistant.