



ESD Tweezers (plastic)

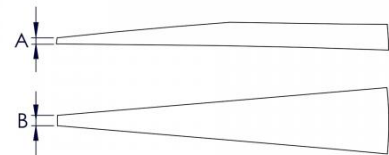
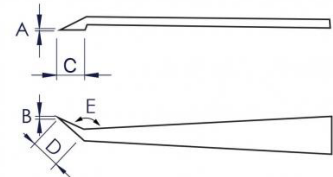
45-060-00xx (0007 to 0011)

High performance carbon fibre reinforced plastic tweezers for safe use on sensitive electronic components.

Technical data:

Surface resistance: $< 1 \times 10^4 \Omega$
Application standards: IEC 61340

REACH-compliant



Carbon fibre reinforced plastic high performance tweezers from Knipex

- ESD tweezers are made of 30% carbon fibre reinforced plastic, are electrically and thermally highly conductive and are characterised by high resistance to abrasion and scratching
- ESD versions only: with a surface resistance between 10^2 and 10^4 ohms to compensate in a controlled manner the differences in potential between the operator and the electronic components
- ESD plastic tweezers are temperature-stable up to 130°C , short-term use is possible at up to 190°C
- The carbon fibre reinforced plastic of the ESD variants is extremely flexible, fatigue-resistant, vibration-reducing and water-repellent, with good chemical resistance to most oils, greases, fuels and nonpolar solvents
- ESD plastic tweezers are ideal for maximum surface protection when handling sensitive electronic components, micro-mechanical parts, as well as glass and ceramic components



Features	Picture	Part nr
Model nr: 92 09 01 ESD / 702A.CF Straight, blunt tips Material: carbon fibre reinforced plastic Gripping surfaces: smooth surfaces Weight: 4 g Dimensions: 115 x 9.5 x 13 mm Standard: DIN EN 61340-5-1 Surface: matt finish Finish: straight Tips width (A): 0.35 mm Tips width (B): 2 mm Tweezers tip version: blunt Corrosion-resistant: yes Acid resistance: very good Magnetic: non-magnetisable (100%)		45-060-0007
Model nr: Knipex 92 09 02 ESD / 707.CF Straight, very sharp tips Material: carbon fibre reinforced plastic Gripping surfaces: smooth surfaces Weight: 5 g Dimensions: 115 x 11.5 x 15 mm Standard: DIN EN 61340-5-1 Surface: matt finish Finish: straight Tips width (A): 0.5 mm Tips width (B): 0.3 mm Tips width (C): 9.5 mm Tweezers tip version: needle-point Corrosion-resistant: yes Acid resistance: very good Magnetic: non-magnetisable (100%)		45-060-0008



Features	Picture	Part nr
Model nr: 92 09 03 ESD / 708.CF Angled 45°, sharp tips Material: carbon fibre reinforced plastic Gripping surfaces: smooth surfaces Weight: 5 g Dimensions: 110 x 11.5 x 15 mm Standard: DIN EN 61340-5-1 Surface: matt finish Tips width (A): 0.5 mm Tips width (B): 0.4 mm Tips width (C): 5.8 mm Tips width (D): 8.5 mm Corrosion-resistant: yes Acid resistance: very good Magnetic: non-magnetisable (100%)		45-060-0009
Model nr: Knipex 92 09 04 ESD / 709.CF Straight, blunt tips Material: carbon fibre reinforced plastic Gripping surfaces: smooth surfaces Weight: 4 g Dimensions: 115 x 11.5 x 15 mm Standard: DIN EN 61340-5-1 Surface: matt finish Finish: straight Tips width (A): 0.12 mm Tips width (B): 3.3 mm Tips width (C): 11.5 mm Tweezers tip version: blunt Corrosion-resistant: yes Acid resistance: very good Magnetic: non-magnetisable (100%)		45-060-0010



Features	Picture	Part nr
Model nr: 92 09 05 ESD / 710.CF Straight, blunt, flat tips Material: carbon fibre reinforced plastic Gripping surfaces: smooth surfaces Weight: 4 g Dimensions: 115 x 11.5 x 15 mm Standard: DIN EN 61340-5-1 Surface: matt finish Finish: straight Tips width (A): 0.12 mm Tips width (B): 7.7 mm Tips width (C): 11.3 mm Tweezers tip version: blunt Corrosion-resistant: yes Acid resistance: very good Magnetic: non-magnetisable (100%)		45-060-0011