

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

**Galvanized steel fastener for round or stranded conductors Ø8–10 mm (50–70 mm²)
Part number ELEMKO : 61 01 100**

Description

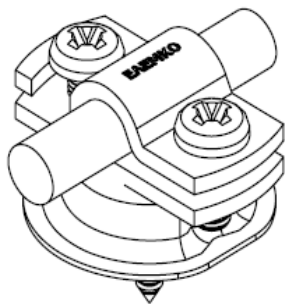
Conductor fastener for use in air termination system, down conductor system and earth termination system. Suitable for fastening round or stranded conductor, on brick or concrete walls or on metallic surfaces. It is made out of hot dip galvanized steel (St/tZn) and it is equipped with a wood fixing screw and a hot dip galvanized steel (St/tZn) spacer formed to receive the PVC sealing washer (part number ELEMKO 61 03 201 – not included). The conductor's tightening is achieved by two stainless steel screws M6x16 mm, according to EN 27046.

Technical characteristics – Installation instructions

Conductor's dimensions	➤ Ø8–10 mm (50–70 mm ²)
Tightening torque	➤ 3,5Nm
Compatibility with conductors made of	➤ Al, Stainless Steel, St/tZn
Fixing on brick or concrete wall	➤ Through a stainless steel wood fixing screw (included) and a PVC wall plug Ø8 (not included)
Fixing on metallic surface	➤ Through a blind rivet nut (part number ELEMKO 6504409 – not included) and an M6x40 mm screw (part number ELEMKO 5700640 – not included)
Lateral load test at -10 °C and +40 °C	➤ 200 N
Axial load test at -10 °C and +40 °C	➤ 50 N

The above component has successfully passed the tests required by standard IEC EN 62561-4 "Lightning protection components (LPC) – Part 4 : Requirements for conductor fasteners". The tests were performed at ELEMKO high voltage and high current testing laboratory.
Test report number: **31388**

Drawing



Photo



Fastener



Sealing washer