

# **PRODUCT DATA SHEET**

# Lightning protection systems Fasteners for lightning protection conductors

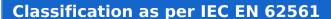
Code: 6161100-71

Description: Stainless steel fastener for Ø8-10mm conductor, code

6161100-71

## **Application**

Fastening round or stranded conductor. Used in air termination system, down conductor system. Suitable for brick or concrete surfaces.



- Metallic.
- With screws.
- Designed to clamp but allow axial movement of the conductor.



Material	Stainless steel (SSt - grade V2A)
Screws	M6x16 mm, V2A stainless steel screws, one stainless steel wood fixing screw
Withstands (according to IEC EN 62561-4)	Lateral load, 200 N / Axial load, 50 N
Conductor's dimensions	Ø8-10 mm (50-70 mm2)
Compatibility with conductors made of	Al, Cu, Cu/eSn, SSt (Stainless Steel), St/eCu, St/tZn
Tightening torque of conductor	3,5Nm
Fixing on brick or concrete	Through a wood fixing screw (included) and a PVC wall plug Ø8 mm (not included)
Spacing between fasteners of air termination conductors	$\leq$ 1000 mm for solid conductor1). / $\leq$ 500 mm for stranded conductor1).
Spacing between fasteners of down conductors	$\leq$ 1000 mm for solid conductor. / $\leq$ 1000 mm for stranded conductor used for heights $\leq$ 20 m. / $\leq$ 500 mm for stranded conductor for heights $\geq$ 20 m.

Before and after of change of direction or clamp or contraction-expansion absorbing component.

≤300 mm.

#### **Comply with**

The component complies with standard IEC EN 62561-4 "Lightning protection system components (LPSC) - Part 4: Requirements for conductor fasteners".

# **Manufacturing Quality Control**

• ISO 9001

• ISO 14001

• ISO 45001

# **Country of Origin**

Greece

## **Optional accessories**

PVC sealing washer, ELEMKO code 61 03 201

## Unit: piece / Package: 50 pieces

1) Where additional mechanical strength is required, e.g snow, strong winds etc, the spacing between the fasteners should be ≤300 mm.

We reserve the right to introduce changes in the component due to technical evolution.





