

# PRODUCT DATA SHEET

## Lightning protection systems

### Fasteners for lightning protection conductors

**Code: 6102102-71**

**Description: St/tZn fastener for Ø8-10mm conductor for eternite or corrugated metal roofs, code 6102102-71**

#### Application

Fastening round or stranded conductor used in air termination system. Suitable for eternite roofs or corrugated metal roofs.

#### Classification as per IEC EN 62561

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



#### Technical characteristics - Installation instructions

Material	Fastener: Hot dip galvanized steel (St/tZn). / Spacer: Aluminium (Al). / Base: Stainless steel (SSt).
Screws	M6x16 mm, V2A stainless steel screws.
Withstands (according to IEC EN 62561-4)	Lateral load, 200 N / Axial load, 50 N
Conductor's dimensions	Ø8-10 mm (50-70 mm <sup>2</sup> )
Compatibility with conductors made of	Al, SSt (Stainless Steel), St/tZn
Tightening torque of conductor	3,5Nm
Fixing	On the fixing screws of the roof panel.
Spacing between fasteners (Where additional mechanical strength is required, e.g snow, strong winds etc, the spacing between the fasteners should be ≤300 mm.)	≤1000 mm for solid conductor. / ≤500 mm for stranded conductor. / ≤300 mm before and after of change of direction or clamp or contraction-expansion absorbing component.

#### Testing as per IEC EN 62561

The component has successfully passed the testing requirements of standard IEC EN 62561-4 "Lightning protection system components (LPSC) – Part 4 : Requirements for conductor

fasteners”.

Test report No **31110** by accredited laboratory as per ISO 17025

### **ELEMKO management systems**

- ISO 9001
- ISO 14001
- ISO 45001

### **Country of Origin**

Greece

### **Unit: piece / Package: 50 pieces**

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