# 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 mm2) |
| 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.