

# PRODUCT DATA SHEET

## Lightning protection systems

### Fasteners for lightning protection conductors

**Code: 6104024-71**

**Description: Ø8-10 mm St/tZn fastener on pipes or rounded ends, code: 6104024**

#### Application

Fastening round or stranded conductor used in air termination system, down conductor system. Suitable for roofs with round horizontal seam, pipes or rounded ends.



#### Classification as per IEC EN 62561

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

#### Technical characteristics -- Installation instructions

Material	Clamp for pipe or rounded end: Aluminium alloy. Conductor fastener: Hot dip galvanized steel.
Screws	M6x16 mm, V2A stainless steel screws. M6x25 mm, V2A stainless steel carriage bolt, nut & washer.
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.
Diameter of pipe or rounded end	Ø12-24 mm
Spacing between fasteners of air termination conductors	≤1000 mm for solid conductor <sup>1</sup> ). ≤500 mm for stranded conductor <sup>1</sup> ).
Spacing between fasteners of down conductors	≤1000 mm for solid conductor. ≤1000 mm for stranded conductor used for heights ≤20 m. ≤500 mm for stranded conductor for heights ≥20 m.

Before and after of change of direction or clamp or contraction-expansion absorbing component.	≤300 mm.
--	----------

### 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 **31985** by accredited laboratory as per ISO 17025

### Manufacturing Quality Control

Manufacturing quality control according to standard ISO 9001

### Country of Origin

Greece

**Unit: piece / Package: 25 pieces**