

# PRODUCT DATA SHEET

## Earthing components

### Fasteners for earth conductors

**Code: 6130071-71**

**Description: Copper alloy fastener for conductor 50-70mm<sup>2</sup>, code 6130071-71**

#### Application

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



#### Classification as per IEC EN 62561

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

#### Technical characteristics - Installation instructions

Material	Copper alloy (Cu-A)
Conductor clamping screw	M16, V2A stainless steel hex socket set screw
Bottom thread	M6
Diameter	22 mm
Withstands (according to IEC EN 62561-4)	Lateral load, 200 N. Axial load, 50 N.
Conductor's dimensions	50-70 mm <sup>2</sup>
Compatibility with conductors made of	Cu, Cu/eSn, SSt (Stainless Steel)
Tightening torque of conductor	5 Nm
Fixing on brick or concrete wall	Through a head threaded drive pin or wood screw (not included) and a PVC wall plug (not included)
Fixing on metallic surface	Through M6 screw
Spacing between fasteners of air termination conductors	≤1000 mm for solid conductor1). / ≤500 mm for stranded conductor1).

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.
<b>Testing as per IEC EN 62561</b>	
The component has successfully passed the testing requirements of standard IEC 62561-4 “Lightning protection system components (LPSC) – Part 4 : Requirements for conductor fasteners”. Test report No <b>31103</b> by accredited laboratory as per ISO 17025.	
<b>Manufacturing Quality Control</b>	
• ISO 9001	• ISO 14001
	• ISO 45001
<b>Country of Origin</b>	
Greece	
<b>Unit: piece / Package: 200 pieces</b>	
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.	