

# **PRODUCT DATA SHEET**

# **Earthing components Fasteners for earth conductors**

Code: 6130034-71

Description: Copper alloy fastener for conductor 16-35mm2, code

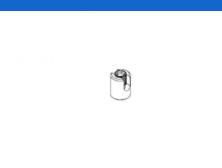
6130034-71

# **Application**

Fastening round or stranded conductor. 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	M12, V2A stainless steel hex socket set screw
Bottom thread	M6
Diameter	20 mm
Withstands (according to IEC EN 62561-4)	Lateral load, 200 N / Axial load, 50 N
Conductor's dimensions	16-35 mm2
Compatibility with conductors made of	Cu, Cu/eSn, SSt (Stainless Steel)
Tightening torque of conductor	5 Nm
Fixing on brick or concrete	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	$\leq$ 1000 mm for solid conductor1). / $\leq$ 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.

#### 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 **31113** by accredited laboratory as per ISO 17025.

#### **ELEMKO management systems**

• ISO 9001

• ISO 14001

• ISO 45001

# **Country of Origin**

Greece

# Unit: piece / Package: 200 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.





