

PRODUCT DATA SHEET

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

Code: 61 04 024

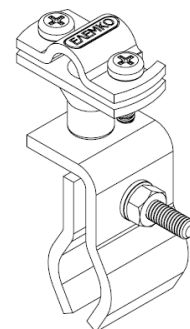
ed.02/2021

Description: Ø8–10 mm St/tZn fastener on pipes or rounded ends

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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

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

Installation instructions

Conductor's dimensions	Ø8–10 mm (50–70 mm ²)
Compatibility with conductors made of	Al, Cu/eSn, 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 ¹⁾ . ≤500 mm for stranded conductor ¹⁾ .
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

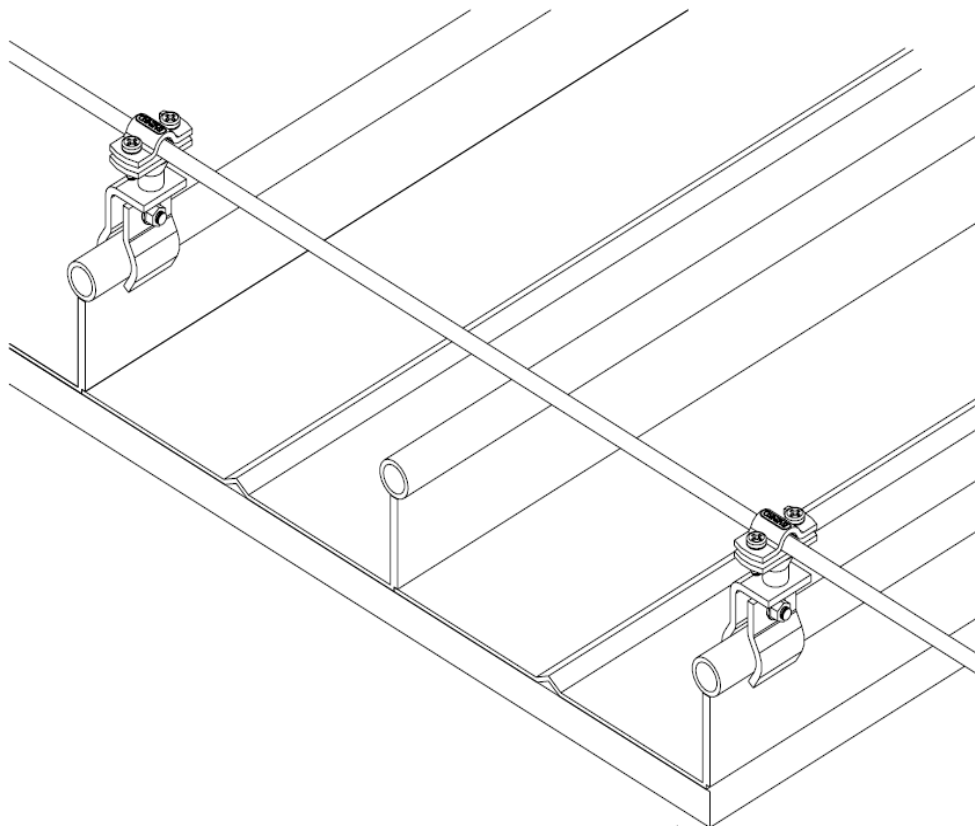
Greece

Unit: piece / Package: 25 pieces

See below typical application of the fastener

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.

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Typical application of the fastener