

PRODUCT DATA SHEET

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

Code: 61 21 112 (copper fastener) / 61 21 115 (tin plated copper fastener)

ed.02/2021

Description: Ø12–14 mm conductor fastener

Page 1 of 2

Application

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



Classification as per IEC EN 62561

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

Technical characteristics

Material	Copper (Cu) and/or tin plated copper (Cu/eSn)
Screws	M6x16 mm, V2A stainless steel screws One stainless steel wood fixing screw
Withstands (according to IEC EN 62561-4)	Lateral load, 200 N Axial load, 50 N

Installation instructions

Rod dimensions	Ø12–14 mm
Stranded conductor dimensions	95–120 mm ²
Compatibility with conductors made of	Cu, Cu/eSn, SSt (Stainless Steel)
Tightening torque of conductor	3,5Nm
Fixing on brick or concrete	Through a wood fixing screw (included) and a PVC wall plug Ø8 mm (not included)
Spacing between fasteners of air termination conductors / rods	≤1000 mm for rod ¹⁾ . ≤500 mm for stranded conductor ¹⁾ .
Spacing between fasteners of down conductors / earth lead-in rods	≤1000 mm for rod. ≤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 **31292** by accredited laboratory as per ISO 17025

Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

Country of Origin

Greece

Optional accessories²⁾

PVC sealing washer, ELEMKO code 61 03 201

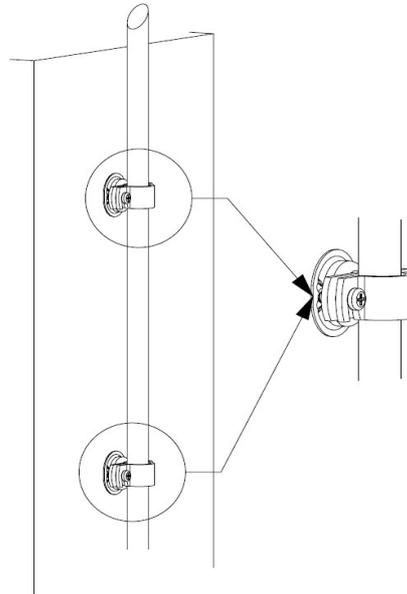
Unit: piece / Package: 50 pieces

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.

²⁾ See relevant data sheet

We reserve the right to introduce changes in the component due to technical evolution.

PRODUCT DATA SHEET**LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS****Code: 61 21 112 (copper fastener) / 61 21 115 (tin plated copper fastener)****ed.02/2021****Description: Ø12-14 mm conductor fastener****Page 2 of 2**

Typical application of the fastener