

# PRODUCT DATA SHEET

## Lightning protection systems

### Fasteners for lightning protection conductors

**Code: 6101201-71**

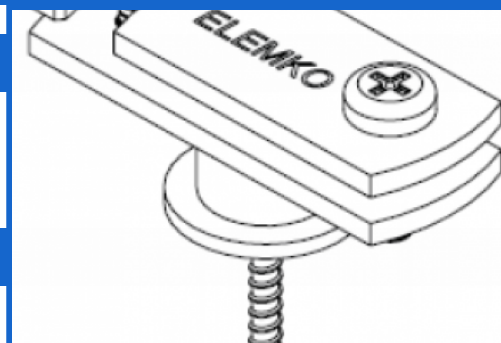
**Description: St/tZn tape fastener, code: 6101201**

#### Application

Fastening tape 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 - Installation instructions

Material	Fastener: Hot dip galvanized steel (St/tZn). Spacer: Plastic (PL)
Screws	M6x16 mm, V2A stainless steel screws. One electroplated zinc steel wood fixing screw
Withstands (according to IEC EN 62561-4)	Lateral load, 200 N. Axial load, 50 N
Conductor's dimensions	Up to 30x6 mm
Compatibility with conductors made of	Al, SSt (Stainless Steel), St/tZn
Tightening torque of conductor	3,5 Nm
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	≤500 mm <sup>1)</sup> .
Spacing between fasteners of down conductors	≤1000 mm for heights ≤20 m. ≤500 mm 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 **31112** by accredited laboratory as per ISO 17025

### Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

### Country of Origin

Greece

### Optional accessories

PVC sealing washer, ELEMKO code 61 73 202

**Unit: piece / Package: 50 pieces**