

## PRODUCT DATA SHEET

### LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

**Code: 61 01 201**

ed.02/2021

**Description: St/tZn tape fastener**

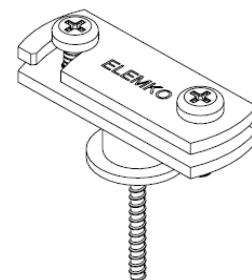
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#### Application

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

|  |  |
|--|--|
| Material                                 | Fastener: Hot dip galvanized steel (St/tZn)<br>Spacer: Plastic (PL)                    |
| Screws                                   | M6x16 mm, V2A stainless steel screws<br>One electroplated zinc steel wood fixing screw |
| Withstands (according to IEC EN 62561-4) | Lateral load, 200 N<br>Axial load, 50 N  |

#### Installation instructions

|  |   |
|--|---|
| Conductor's dimensions   | Up to 30x6 mm   |
| Compatibility with conductors made of  | Al, SSt (Stainless Steel), St/tZn   |
| 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  | ≤500 mm <sup>1)</sup> .   |
| Spacing between fasteners of down conductors   | ≤1000 mm for heights ≤20 m.<br>≤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<sup>2)</sup>

PVC sealing washer, ELEMKO code 61 73 202

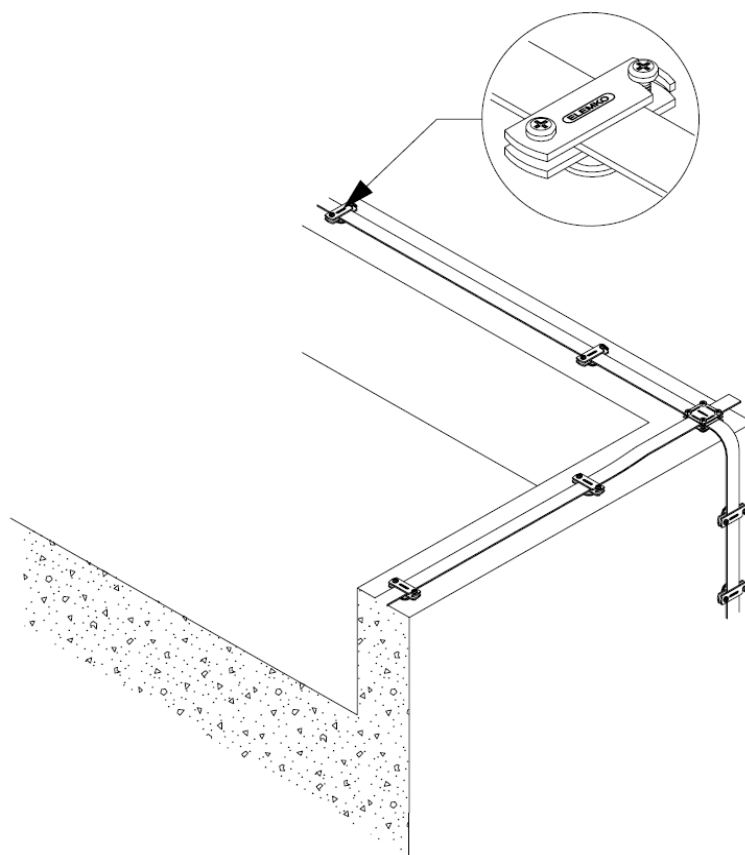
#### Unit: piece / Package: 50 pieces

See below typical application of the fastener

<sup>1)</sup> Where additional mechanical strength is required, e.g snow, strong winds etc, the spacing between the fasteners should be ≤300 mm.

<sup>2)</sup> See relevant data sheet

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

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Typical application of the fastener