

# PRODUCT DATA SHEET

## Earthing components

### Connection components for earth conductors

### Lightning protection systems

### Connection components for LPS conductors

**Code: 6228030-71**

**Description: Copper round to tape conductor connector (Ø8-10mm / 30mm), code 6228030-71**

#### Application

Clamp for connecting solid round or stranded conductor to tape conductor. Used in air termination system, down conductor system, earthing system.

#### Classification as per IEC EN 62561

- Heavy duty (H – 100 kA)
- General use
- Intended to withstand a static mechanical load
- Non-permanent connection



#### Technical characteristics - Installation instructions

|  |  |
|--|--|
| Material                               | Copper (Cu).   |
| Description                            | Is consisted of two plates with dimensions 60x60 mm.                             |
| Bolts / nuts                           | M8x25 mm, V2A stainless steel hexagon head bolts. / M8 V2A stainless steel nuts. |
| Conductor's dimensions                 | Ø8-10 mm (50-70 mm <sup>2</sup> ).   |
| Tape's dimensions                      | Up to 30 mm width & up to 6 mm thickness.  |
| Connection arrangements                | Cross (B1). / Parallel (B2).   |
| Installation                           | Above ground, buried in ground, embedded in concrete.                            |
| Can be connected above ground with     | Cu, Cu/eSn, Stainless Steel (SSt), St/eCu.                                       |
| Can be connected buried in ground with | Cu, Cu/eSn, Stainless Steel (SSt), St/eCu.                                       |

|                                   |  |
|-----------------------------------|--|
| Can be connected in concrete with | Cu, Cu/eSn, Stainless Steel (SSt), St/eCu, St/tZn. |
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|                   |        |
|-------------------|--------|
| Tightening torque | 13 Nm. |
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### Testing as per IEC EN 62561

The component has successfully passed the testing requirements of standard IEC EN 62561-1 "Lightning protection system components (LPSC) – Part 1 : Requirements for connection components".

Test reports No **30241** & **30242** by accredited laboratory as per ISO 17025.

### ELEMKO management systems

- ISO 9001
- ISO 14001
- ISO 45001

### Country of Origin

Greece

### Unit: piece / Package: 20 pieces

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