

# PRODUCT DATA SHEET

## Earthing components

### Connection components for earth conductors

### Lightning protection systems

### Connection components for LPS conductors

**Code: 6221040-71**

**Description: Copper round to tape conductor connector, code 6221040-71**

#### 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 70x70 mm.
Bolts / nuts	M8x30 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	20-40 mm & up to 6 mm thickness.
Connection arrangements	Cross connection (B1). / Parallel connection (B2).
Installation	Above ground, buried in ground, embedded in concrete.
Can be connected above ground with	Cu, Cu/eSn, Stainless Steel (SSt).
Can be connected buried in ground with	Cu, Cu/eSn, Stainless Steel (SSt).

Can be connected in concrete with	Cu, Cu/eSn, Stainless Steel (SSt), 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 report No **30832** by accredited laboratory as per ISO 17025

### ELEMKO management systems

• ISO 9001 •	ISO 14001	• ISO 45001
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### Country of Origin

Greece

### Unit: piece / Package: 15 pieces

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