

# PRODUCT DATA SHEET

## Earthing components

### Connection components for earth conductors

### Substation earthing

### Lightning protection systems

### Connection components for LPS conductors

**Code: 6224060-71**

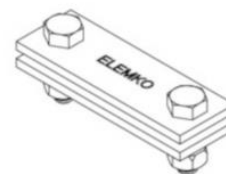
**Description: Copper tape (60mm/60mm) clamp, code 6224060-71**

#### Application

Clamp, for connecting tape conductors. Used in air termination system, down conductor system, earthing system.

#### Classification

- Heavy duty (H – 100 kA) (1)
- General use (1)
- Intended to withstand a static mechanical load (1)
- Non-permanent connection (1)
- Short circuit withstand capability 20 kA rms for 1s  
(1) As per IEC EN 62561



#### Technical characteristics - Installation instructions

|                         |  |
|-------------------------|--|
| Material                | Copper (Cu)  |
| Description             | Is consisted of two external plates with dimensions 90x30 mm and one intermediate plate. |
| Bolts / nuts            | M8x30 mm, V2A stainless steel hexagon head bolts. / M8 V2A stainless steel nuts.         |
| Tape's dimensions       | Up to 60 mm width and 6 mm thickness.  |
| Connection arrangements | Cross (B1), up to 40 mm width. / Parallel (B2), up to 60 mm width.                       |
| 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. |
| Tightening torque                      | 13 Nm.                                     |

## Testing

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 **30777** by accredited laboratory as per ISO 17025.

The component has successfully passed short circuit withstand capability tests. Test report No **1405/2022/DKK-10**

## ELEMKO management systems

- ISO 9001
- ISO 14001
- ISO 45001

## Country of Origin

Greece

## Unit: piece / Package: 25 pieces

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