

PRODUCT DATA SHEET

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

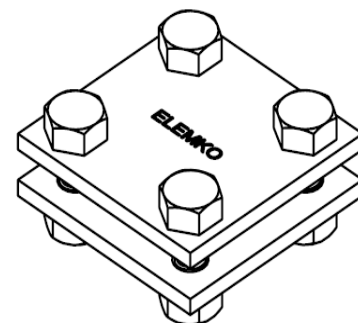
Code: 62 24 040 (copper connector) / 62 24 041 (tin plated copper connector)

Description: Tape conductor connector

ed.05/2023

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 25 kA rms for 1s
- ⁽¹⁾ As per IEC EN 62561

Technical characteristics

Material	Copper (Cu) and/or tin plated copper (Cu/eSn)
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

Installation instructions

Tape's dimensions	20-40 mm & 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/tZn*
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 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 **30120** by accredited laboratory as per ISO 17025

The component has successfully passed short circuit withstand capability tests.

Test report No **1405/2022/DKK-14**

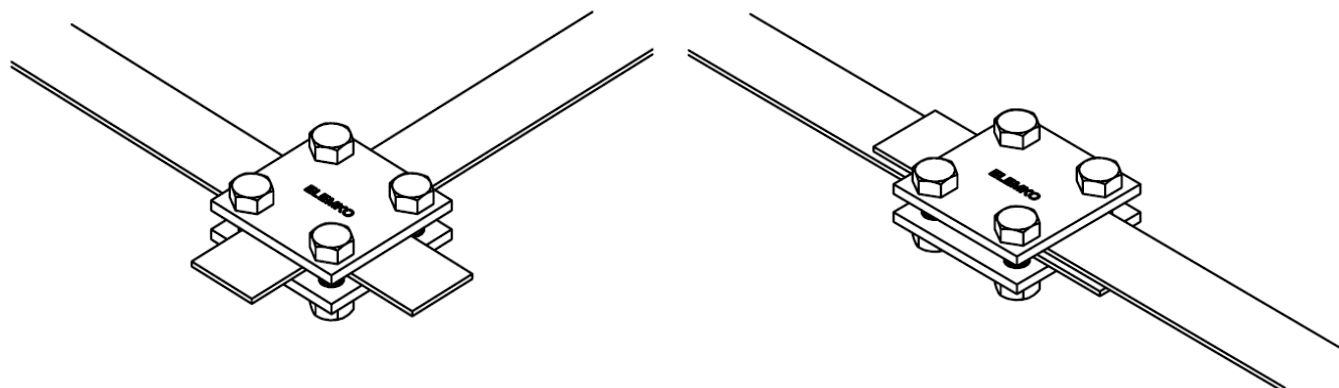
Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

Country of Origin

Greece

Unit: piece / Package: 15 pieces



*Only for tin plated copper clamp and not simultaneously with Cu.

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