

## PRODUCT DATA SHEET

### LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

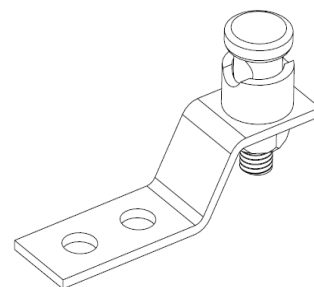
**Code: 62 45 440**
**ed.03/2023**
**Description: Al – St/tZn end clamp**
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#### Application

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

#### Classification as per IEC EN 62561

- Heavy duty (H – 100 kA)
- General use
- Not intended to withstand a static mechanical load
- Non-permanent connection



#### Technical characteristics

Material	Aluminium (body – base of screw terminal) Hot dip galvanized steel (screw terminal - nut)
Description	Is consisted of a body which bonds to the metallic surface. A special design screw terminal M10x25 mm and base for the screw terminal, which clamps the conductor through a M10 nut.
Connection to metallic surface	Through one screw (M10) or two screws (M8 or M10), not included.

#### Installation instructions

Conductor's dimensions	Ø10 mm
Connection arrangements	Parallel to metal installation (B5) "T" to metal installation (B6)
Installation	Above ground
Can be connected with	Al, SSt (Stainless Steel), St/tZn
Tightening torque	17 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 **30943-I** by accredited laboratory as per ISO 17025

#### Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

#### Country of Origin

Greece

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

See following typical application of the clamp.

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

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Metal installation

