

## LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

### Double bonding clamp for Ø8 mm conductor Part number ELEMKO : 62 05 202

#### Description

Double bonding clamp, class "H" (Heavy duty), for connecting, solid round or stranded conductor to:

- Air termination rods (part number ELEMKO 64 01 210, 64 01 215).
- Contraction – expansion absorbing component (part number ELEMKO 64 02 300).
- Earth lead in rods (part number ELEMKO 64 02 200 – 64 02 250, 64 03 150 – 64 03 250).
- Earth rods (part number ELEMKO 63 00 015 – 63 00 025).

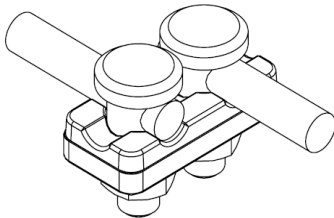
The clamp is made out of hot dip galvanized steel (St/tZn). The clamp consist of two special designed screw terminals M10x25 mm, according to DIN 48837, a metal body and two nuts M10 according to EN 24032, allowing effective bonding between the conductor and the above components.

#### Technical data – Installation instructions

Arrangements	➤ Parallel connection (B2)
Dimensions of round conductor	➤ Ø8mm (50 mm <sup>2</sup> )
Installation	➤ Outdoor, in ground, embedded in concrete
Can be connected outdoor with	➤ Al, Stainless Steel, St/tZn
Can be connected in ground with	➤ Stainless Steel, St/tZn
Can be connected in concrete with	➤ Cu, Cu/eSn, Stainless Steel, St/tZn
Tightening torque	➤ 17 Nm
Lightning current withstand capability	➤ CLASS H – 100kA (10/350µs) ➤ 50 Coulomb ➤ 2.5 MJoule / Ohm

The above component has successfully passed the tests required by standard EN 62561-1 "Lightning protection system components (LPSC) – Part 1 : Requirements for connection components". The tests were performed at ELEMKO high voltage and high current testing laboratory.  
Test report numbers : **31237-II**

#### Connection Arrangement



#### Clamp's Photograph

