

## Universal Bimetallic Plates

The bimetallic plates are installed between the apparatus terminal pad in copper & connector's terminal pad in aluminium in order to avoid electrolytic corrosion between the 2 materials.

TE Simel, part of TE Connectivity, has worked on a rationalization of the range in order to provide a simplified product offering with a reduced number of bimetallic plate references.

The scope is based on square pads, with 4 holes centered where TE Simel has defined a center to center distance & optimized slots size enabling a consolidation under 3 references.

This principle allows facilitating the installation on site if the terminal pad drillings differ from the initial requirement.

### DESCRIPTION

- Square pads 80x80, 100x100 & 125x125mm
- 4 slots for bolts M10, M12, M14 & M16
- 2 c-c distances 40x50 & 60x70mm
- Cold rolled Al-Cu plates
- Thickness: 2mm

### KEY FEATURES & BENEFITS

Electrical characteristics	The plates with slots provide the same electrical performances than those with round holes
Adaptability	The choice of c-c distance & slots dimension allows merging all the 4 holes drillings, square & centered
Stock	Possibility of providing quickly some plates on site in case of oversight at the order

### STANDARDS & SPECIFICATIONS

- In accordance with IEC 62271-1 standard for the electrical resistance & temperature rise
- Meets NFC 66-800 standard for the corrosion test under salt atmosphere



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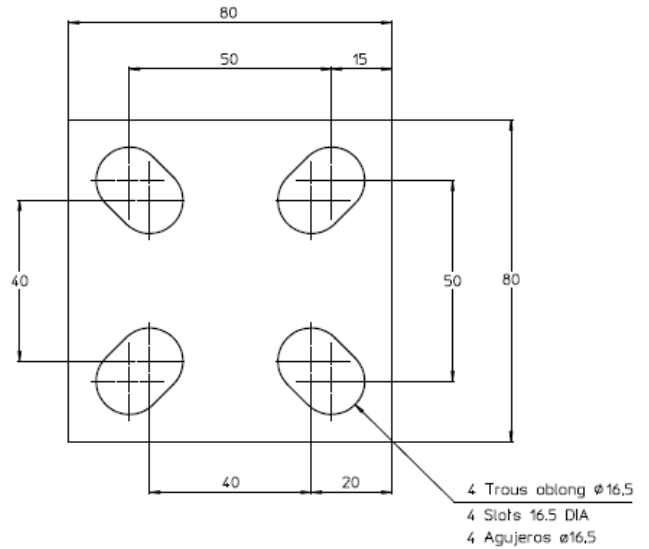
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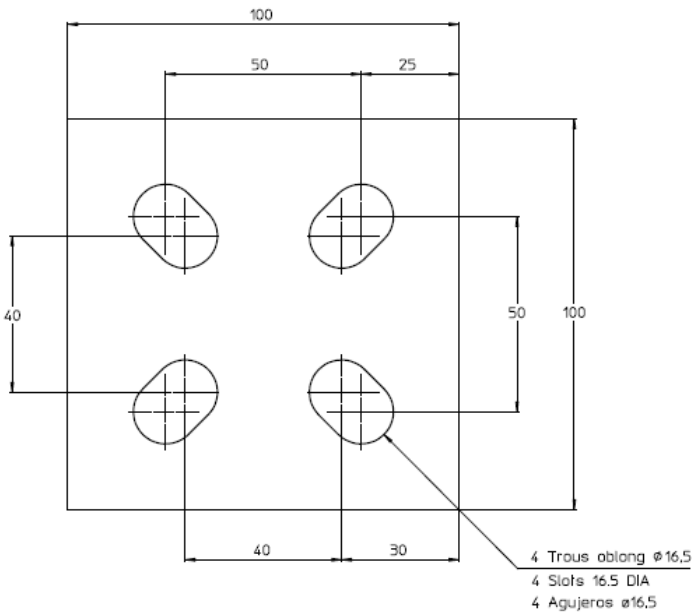
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REFERENCES

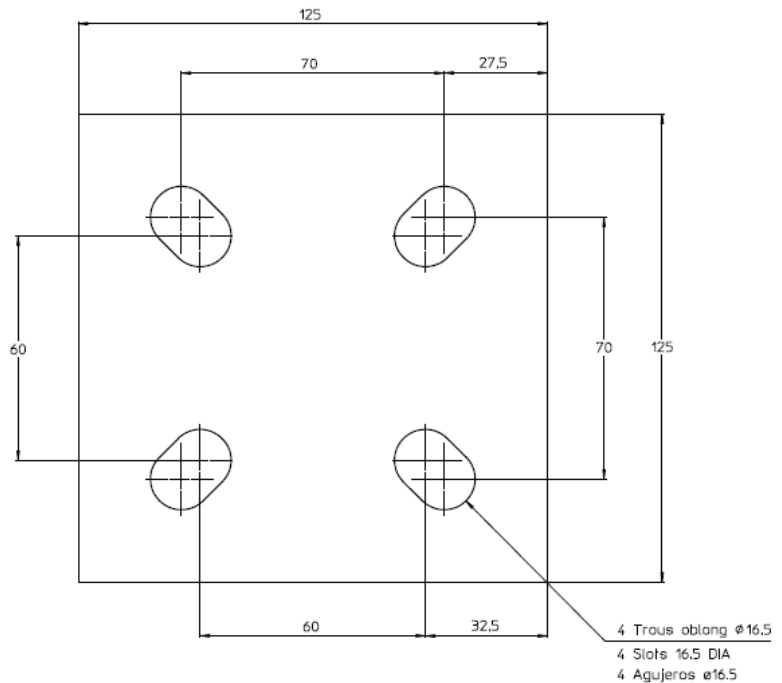
Designation	TCPN	Packaging
BM 80 40-50	2258820-1	On request



Designation	TCPN	Packaging
BM 100 40-50	2258821-1	On request



Designation	TCPN	Packaging
BM 125 60-70	2258822-1	On request



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