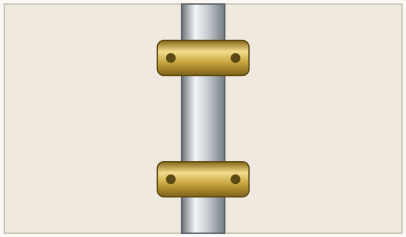
Tinned copper tape connection modes

KALOT brass clamps, with a metal compatibility table

TIN-PLATED COPPER TAPE · TPBT 203–305

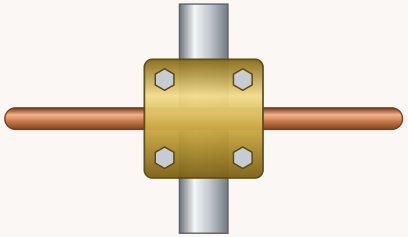
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Tape on the wall 4



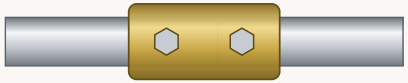
DCC two-piece brass clamp for 25 × 3 and 30 × 3 tape; no drilling of the tape.

Conductor and tape crossing 3



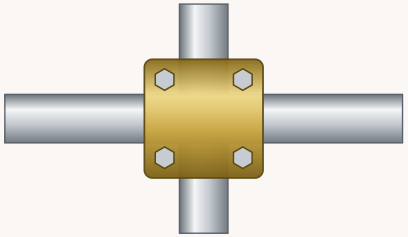
CTCX four-way conductor-to-tape clamp for 50 to 95 conductor and 25 × 3 tape.

End-to-end joint 2



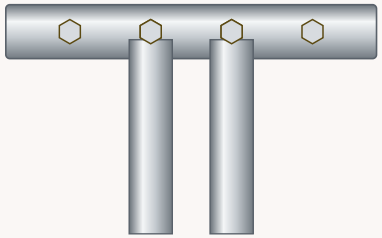
JCTC two-way tape-to-tape clamp: JCTC 255 for 20 and 25 tapes and JCTC 510 for 30 tapes.

Tape-to-tape crossing 1



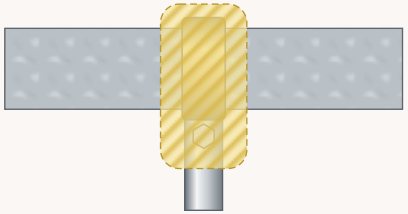
STCC square four-way clamp for 25 × 3 and 30 × 3 tape; cross, tee and straight joints.

Tape on an earth bar 8



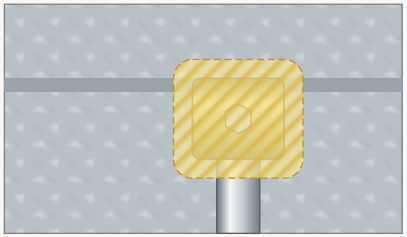
Bolted to a tinned earth bar; each conductor on its own hole, and the bolt diameter no more than one third of the tape width.

Tape to pipe 7



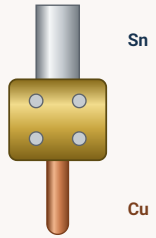
WMPB and RWPB clamps for tape up to 26 mm wide, in air; on galvanised pipe, cover the joint.

Tape to galvanised structure 6



BBCS bonding clamp on a steel column flange, beam or plate, in air; the tape reaches the clamp from below and does not continue above it; cover the joint and cut end.

Down conductor disconnector 5



SKADL 100 brass test joint above ground level; 25 × 3 tinned tape from above and 50 mm² bare copper conductor from below.

Bonding metals with tinned copper tape

- Tinned tape + copper, tinned copper and brass ✓
- Tinned tape + galvanised structure in air, with anti-corrosion coating on the joint ✓
- Copper or tinned tape + galvanised steel in soil ✗
- Copper or tinned tape above a galvanised or aluminium part ✗

Figures are illustrative and not to scale.

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