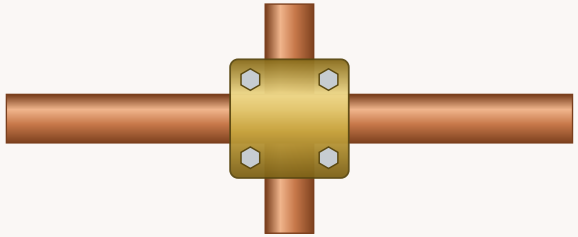
Copper tape connection modes

KALOT brass clamps and exothermic welding, with a metal compatibility table

BARE COPPER TAPE · BCT 203–605

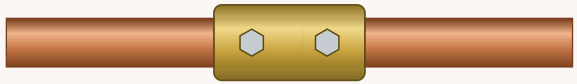
KALOT GROUP · TECHNICAL ILLUSTRATION · NOT TO SCALE

1 Tape-to-tape crossing



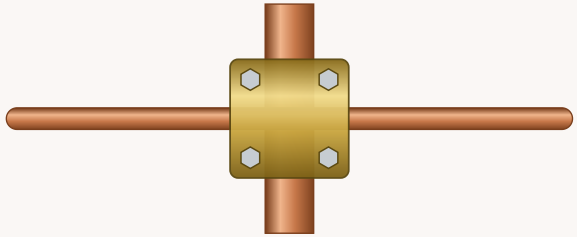
STCC square four-way clamp for 25 × 3, 30 × 3 and 50 × 5 tape; cross, T and straight joints.

2 End-to-end joint



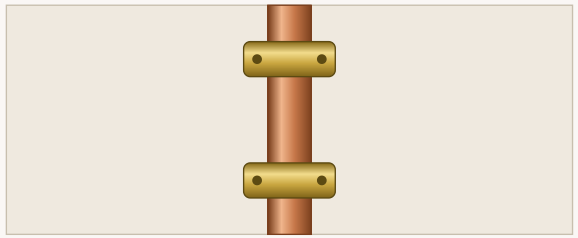
JCTC two-way tape-to-tape clamp for joining two tape ends.

3 Conductor and tape crossing



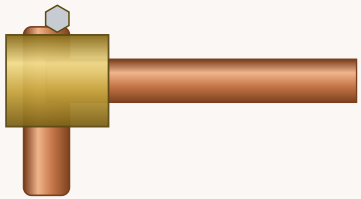
CTCX four-way conductor-to-tape clamp for 50 to 95 conductor and 25 × 3 tape.

4 Tape on the wall



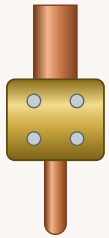
DCC two-piece brass clamp for 25 × 3 and 30 × 3 tape; no drilling of the tape.

5 Tape to earth rod



ERTC A-type clamp on the earth rod head, inside the earth pit.

6 Down conductor disconnector



SKADL 100 brass disconnector above ground level; 25 × 3 tape above, 50 conductor below.

7 Tape to steel structure

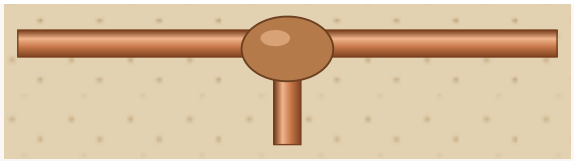


8 Tape to pipe

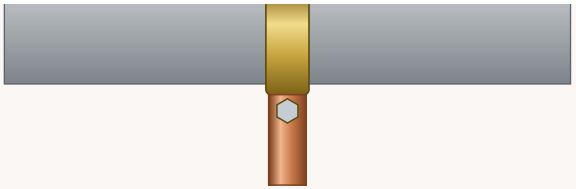


9 exothermic welding

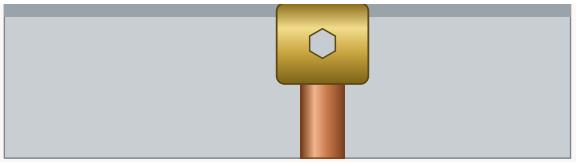




Permanent, buriable tape-to-tape (TT), tape to copper-bonded earth rod (TE) and conductor-to-tape (CT) joints.



WMPB and RWPB clamps for bonding metal pipes with tape up to 26 mm wide, in air; on steel or galvanised pipe, cover the joint with anti-corrosion coating.



BBCS bonding clamp on column flange, beam and steel plate, in air; cover the joint with anti-corrosion coating.

Bonding metals with copper tape

- Copper + galvanised structure in air, with brass clamp or tinned copper and anti-corrosion coating ✓
- Copper part above the galvanised or aluminium part ✗
- Copper + copper, tinned copper or KALOT brass clamp ✓
- Copper + galvanised steel in soil ✗

Figures are illustrative and not to scale.
We keep improving our products; please confirm final dimensions with our experts.

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