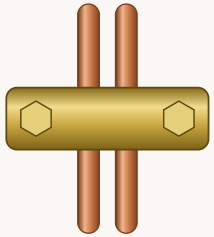
Bare copper conductor connection modes

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

BARE STRANDED COPPER · BSCC 006–400 SOFT · BSCD 035–095 HARD

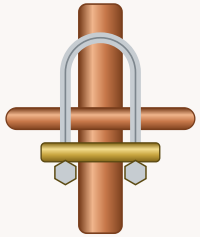
KALOT GROUP · TECHNICAL ILLUSTRATION · NOT TO SCALE

Two parallel conductors 3



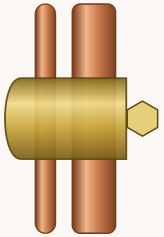
PCC two-bolt parallel clamp (25 to 185); split bolt (bolted) and C clamp (crimped) for branches.

Conductor to earth rod or reinforcing bar 2



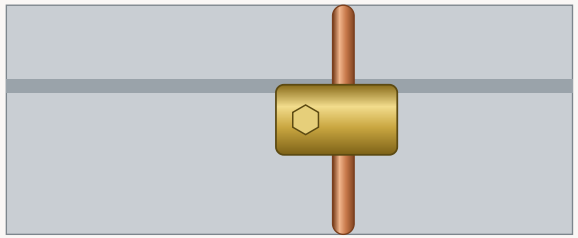
UBDV brass U clamp; 6 to 300 conductor on an earth rod or reinforcing bar of 9.5 to 20, inside a pit or in concrete.

Conductor to earth rod 1



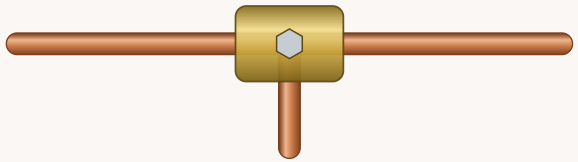
ERCC G-type clamp; 16 to 120 conductor on the head of a 14 to 20 mm earth rod, inside the earth pit.

Conductor to metal structure and tower 6



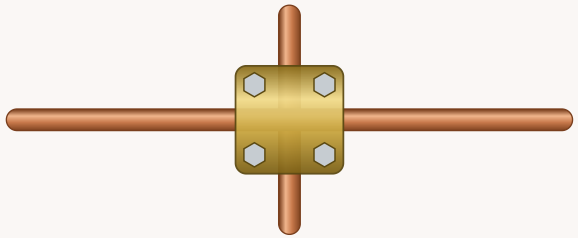
TECD, TECS and PTEC clamps for connecting conductor to plates, steel structures and towers; on galvanised structures only in air, with anti-corrosion coating.

Conductor-to-conductor T joint 5



T three-way clamp for 50 to 70 and 95 to 120 conductor.

Four-way crossing 4



SCCX brass four-way clamp for 50, 70 and 95 conductor on roof meshes and surface conductors.

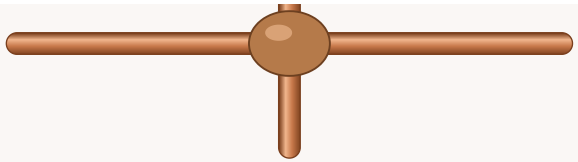
exothermic welding 9



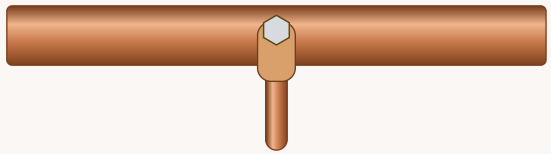
Conductor to pit bar and earth bar 8

Test joint 7

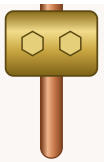




Permanent, buriable conductor-to-conductor and conductor-to-earth rod (12.7 to 20 mm) joints with KALOT exothermic welding moulds and powder; also for 400 conductor.



SHCL or DHCL copper cable lug (6 to 300) bolted to the earth pit bar or earth bar.



TC two-way conductor-to-conductor clamp above ground level, for opening and measuring.

Bonding metals with bare copper conductor

- Copper + KALOT brass clamp ✓
- Copper part above the galvanised part ✗
- Copper + copper or tinned copper ✓
- 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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