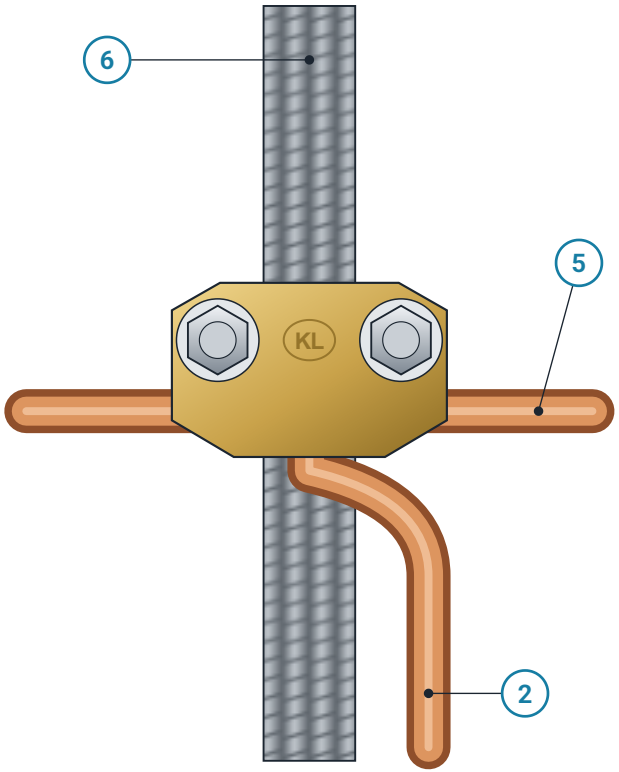
Installation schematic of the three-piece U clamp for connecting two conductors to earth rod and reinforcing bar

UBTV 1416

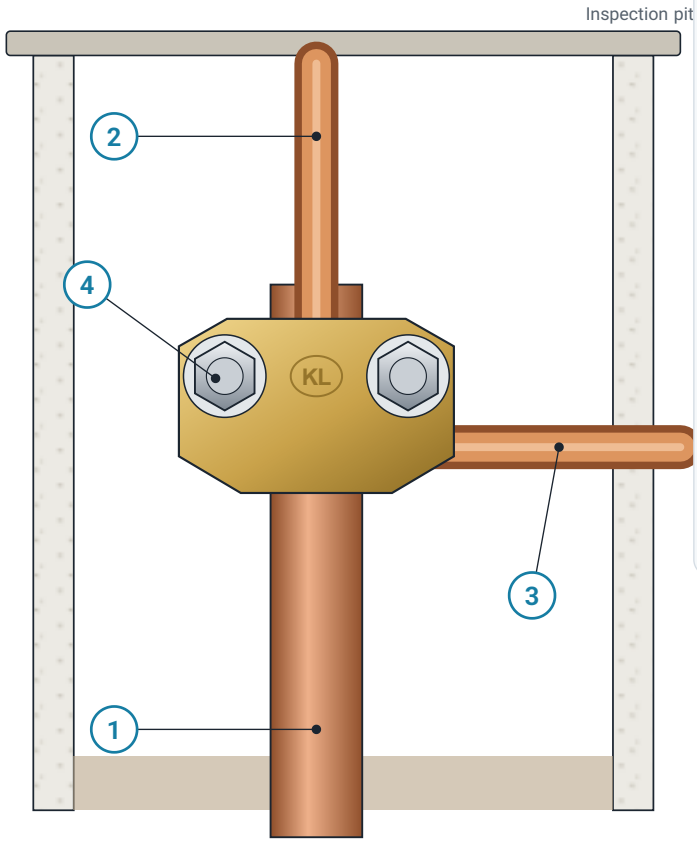
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Not to scale

b) Through conductor and branch on a reinforcing bar



a) Two conductors on an earth rod, in an inspection pit



Installation notes

1. The U-bolt wraps around the earth rod or reinforcing bar, and the two conductors sit between three brass plates, each in its own tier.
2. In the earth inspection pit (a), the down conductor runs in line with the earth rod and the earth ring conductor at right angles to it, both joined to the earth rod with one clamp.
3. On the reinforcing bar (b), one through conductor and one branch are bonded to the bar with a single clamp.
4. Tighten the nuts to the manufacturer's instructions; the joint can be opened for inspection and measurement.
5. This clamp is for copper conductor; make joints that will be buried in soil by exothermic welding.

Key

- 1 Earth rod
- 2 Down conductor / branch
- 3 Earth ring conductor
- 4 three-piece U clamp
- 5 Through conductor
- 6 Reinforcing bar

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