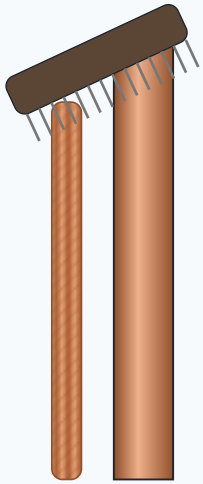
U clamp installation steps

Views not to scale

UBDV

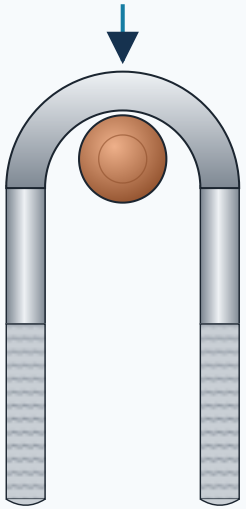
KALOT GROUP · TECHNICAL ILLUSTRATION · NOT TO SCALE

1. Cleaning



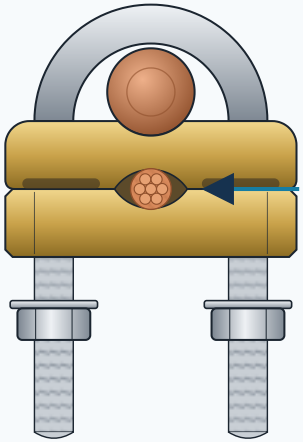
Remove paint, rust, mud and any non-conductive layer from the contact surfaces of the earth rod or reinforcing bar and the conductor.

2. U-bolt around the earth rod



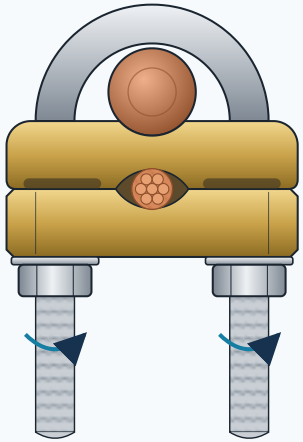
Undo the nuts and place the U-bolt around the earth rod or reinforcing bar.

3. Plate, conductor, plate



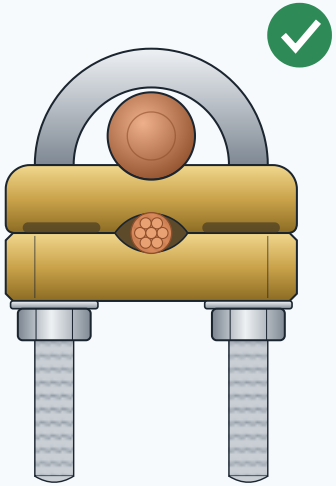
Seat the first plate on the U-bolt legs, lay the conductor in the centre or cross hole and place the second plate on top.

4. Tightening the nuts



Fit the nuts by hand first, then tighten them with a spanner to the manufacturer's instructions.

5. Checking



The conductor must sit fully in the groove and the two plates must lie parallel on each other.

Views are along the earth rod, showing the conductor in line with it (in the centre hole); a conductor perpendicular to the earth rod passes through the cross hole of the plates. At periodic inspection, if you find loosening or corrosion, open the joint, clean it and refit it.

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