گروه کالوت
KALOT GROUP
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Installing and driving a copper-bonded earth rod

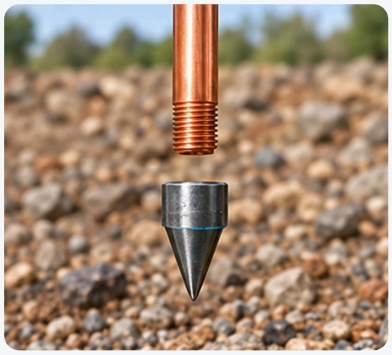
From choosing the location to connecting the conductor and measuring the electrode resistance

1. Survey the site



Choose the earth rod location from the earthing drawing and, before driving, check the routes of underground pipes, cables and gas lines.

2. Steel tip (optional)



In stony or hard soil, fit the TDT steel tip onto the bottom thread of the earth rod when needed.

3. Coupling and driving head



Fit the brass coupling on the top end and screw the driving head into it, so the thread is not damaged by the blows.

4. Drive vertically



Hold the earth rod vertical and drive it with steady blows of a hand hammer or a power hammer.

5. Add the next earth rod



Remove the driving head, screw the next earth rod into the same coupling and keep driving.

6. Connect the conductor and measure



Connect the bare copper conductor to the top of the earth rod with a clamp or an exothermic weld, then measure the electrode resistance.

Illustrative image, not to scale.
Tighten clamp bolts to the manufacturer's instructions.

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