Product Description

copper bonded earth rods probably offer to the installer the best and most economical earth rods available. They are made by molecularly bonding 99.9% pure electrolytic copper on to a low carbon steel core.

Confusion often arises between thread and shank diameters for threaded rods. The thread rolling process, used by quality rod manufacturers, raises the surface of the rod so that thread diameter (B) is greater than shank diameter (A) (see drawing).

Copper thickness standard 254 microns.(others plating copper thickness as your requested)

Earth rods to BS EN 50164-2, Bs7430 and UL467; Fittings to BS EN 50164-1

It has characteristics as below:

1.Thickness of the copper layer is more than 0.254mm.

2.The advantages are good tensile strength more than 600N/mm²

3 Our ground rods can be bended througha 30 or 90 or 135 degrees angle,and the rods will be no evidence of cracking or splitting of the steel or the copper cladding.

4.Good in anticorrosion that usage-life is more than 50 years or more,constant low resistance and good plasticity which had the characteristics of copper as well as steel.

1.Diameter standard is 11mm,12.5mm,14.2mm and中17.2mm,the thread size for 1/2',9/16', 5/8"and 3/4'and also can make metric standard。

2.We can supply you earth rods with much more thickness of copper layer such as 25 microns. 50 microns,100 microns,127 microns,254 microns and 330 microns etc,

3.Also,we can supply you earth rod with two ends thread,Un-thread but with one endpoint, one end thread and the other endpoint.

4.Length of earth rod as your request.

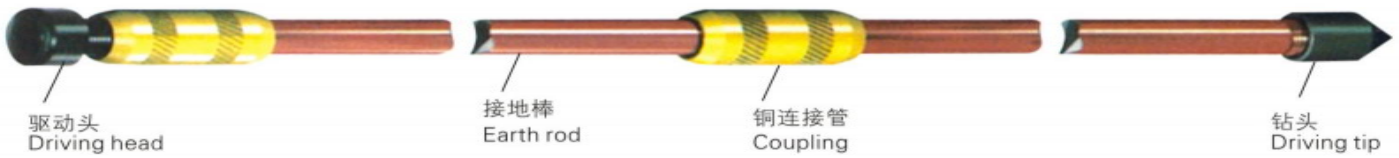
R:Earthing resistance of single earth rod (Q)

p:Earting resistance rate after revised (Ω-m)

L:Length of earth rod(m)

d:Diameter of earth rod(m)

$$R=\frac{\rho}{2\pi L}\left(\ln\frac{8L}{d}-1\right)\ (d\ll L)$$


驱动头
Driving head
接地棒
Earth rod
铜连接管
Coupling
钻头
Driving tip