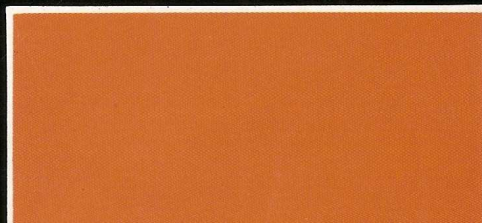


**TAIPOLY**  
**EARTHING ROD**





## INTRODUCTION

Electricity is a good servant but a bad master. Whilst it is being used to increase productivity and provide comfort, it can be a master, as electrical systems are quite complex.

The need for protection, therefore, cannot be overstated. One of the key factors in an electrical protection measure is a reliable grounding system. This is achieved by driving an earthing rod into the ground.

## TAIPOLY EARTHING ROD

TAIPOLY earthing rod is made from hard drawn low carbon grade steel core covered with 99.9% pure electrolytic copper cold rolled to give added strength and driving ease.

The choice of materials used to manufacture an earthing rod will determine the life and performance of the grounding system. TAIPOLY utilizes materials that will provide rugged mechanical strength, high conductivity and excellent corrosion resistance.

Rugged mechanical strength is one of the most important features of an earthing rod for easy driving into hard solid ground with minimum effort and rod damage.

## SPECIFICATION

The following are features and standards found in TAIPOLY earthing rods:

TAIPOLY earthing rod is made from hard drawn low carbon grade steel core.

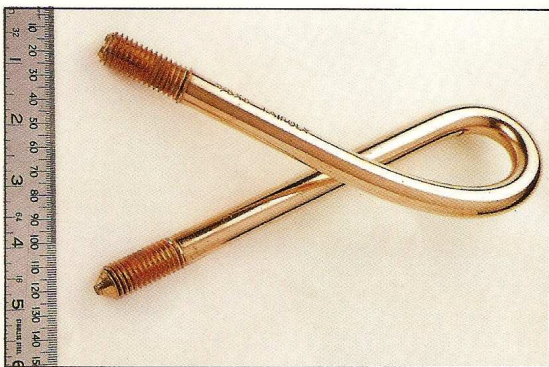
Electroplated with 99.9% pure electrolytic copper.

No separation of copper coating from the steel rod when observed from the fracture ends of the earthing rod. (i.e. good bonding between copper coating and the steel rod.)

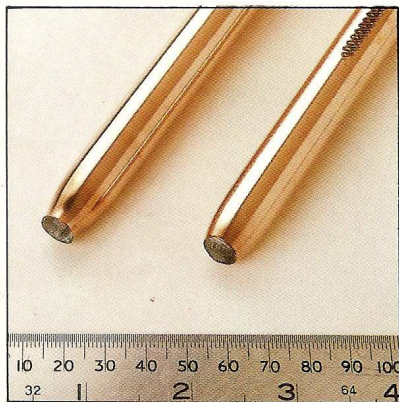
No cracks will observe when the copper electroplated steel rod is permanently bent through a 30° angle.

TAIPOLY EARTHING RODS ARE  
APPROVED BY JABATAN  
JEMAH PEMERIKSA  
ELEKTRIK,  
MALAYSIA.

# TAIPOLY EARTHING



*TAIPOLY ROD exceeds 30° bend test without cracking*



*Adherence test shows inseparable metallic bond between copper and steel Rod*





ould bring disastrous effects to human lives and valuable

rounding. The most common,economical and

jacket. Both ends are threaded and

ystem. The materials which

ground with

**POLY**  
**NG ROD**

#### SECTIONAL EARTHING RODS

Earthing rods are threaded top and bottom.

catalog number	rod size (nominal dia. x length)	stnd bndl	wt. per 100
5104	13.7 mm x 1.2 m	5	152 kgs.
5105	13.7 mm x 1.5 m	5	190 kgs
5106	13.7 mm x 1.8 m	5	228 kgs
5108	13.7 mm x 2.4 m	5	304 kgs.

#### TAPER FORCE FIT EARTHING RODS

Earthing rods are tapered top and bottom.

catalog number	rod size (nominal dia. x length)	stnd bndl	wt. per 100
4104	12.7 mm x 1.2 m	10	129 kgs.
4105	12.7 mm x 1.5 m	10	165 kgs.
4106	12.7 mm x 1.8 m	10	201 kgs.
4108	12.7 mm x 2.4 m	10	273 kgs

#### SUB ASSEMBLY FOR TAPER FORCE FIT EARTHING RODS

Description	Packing per box
Coupling sleeve	20 pcs
Earthing sleeve	100 pcs
Driving head	10 pcs
Driving point	100 pcs

Manufactured by:

**TAIPOLY INDUSTRIES (M) SDN. BHD.**

222, Jalan Sungai Puyu, 13020 Butterworth, S.P., Malaysia. Tel: 04-322026

(A Subsidiary of Hang San Electrical Supplies Sdn. Bhd.)