

# Concrete Cube Mould



**ISI Mark Cube Mould**



**NON-ISI Cube Mould**

GlobeTrek Engineering Corporation is a Trusted Manufacturer, Supplier & Exporter of Concrete Cube Mould AS per IS , BS , AASHTO , ASTM & EN Standard from India .

## Introduction :

Cubes of fresh concrete are made to test a variety of properties on the eventually cured and hardened concrete. Fresh concrete is subjected to a standard compaction regime in the cube mould and is then normally initially cured under specific laboratory conditions. The moulds are manufactured, subject to tight dimensional, hardness, squareness and surface finish requirements.

## Specifications :

Complete with base plate. The faces of the mould are machined flat to  $\pm 0.02\text{mm}$  accuracy and finished to within  $\pm 0.2\text{mm}$  of specified dimensions. Material for construction of moulds is Cast Iron or Mild steel. The moulds are stout enough to prevent distortion and facilitate the removal of the molded specimen without damage. The Moulds are so machined that when they are assembled ready for use, the dimensions and internal faces are accurate within the specified limits. Internal faces of the moulds are smooth.

The base plate is attached to the mould by cleats .The parts of the mould, when assembled, are positively and rigidly held together during filling, subsequent handling and vibration where applicable.

## SIZES AVAILABLE :

50MM/ 100MM/ 150MM

ISI MARK CUBE MOULD	NON ISI CUBE MOULD
More Accurate dimension (L X W x H)	Comparatively less accurate (LXWXH)
Weight 13-14-kg	Weight 7-8 kg
High Cost	Economical Option for ISI cube Mould

## The Moulds Shall Be Of Following Types :

- Cube moulds of 50, 100, 150, 225 and 300 mm
- Cylindrical mould of 150 mm diameter and 300 mm height,
- Beam moulds of 100 x 100 X 500 mm and 150 x 150 x 700 mm,
- Bar moulds of 25 x 25 mm size and 200 mm effective length
- Mould of 75 x 75 mm size and 150 to 300 mm length.



### BEAM MOULDS

Ref. Std : IS : 516, IS : 10086-1982

These are Used for making cement concrete prisms Or bars of square cross- section for flexural strength tests.

#### Specification

Made of cast iron.  
The moulds are made of 4 plates  
Each mould is supplied complete with base plate.  
Faces are machined flat to  $\pm 0.2$ mm. and finished in size to 0.2mm.

#### Available Size

- 10cm x 10cm x 50cm (IS. 516 - 1959)
- 15cm x 15cm x 70cm (IS. 516 - 1959)
- 15cm x 15cm x 75cm.
- 4cm x 4cm x 16cm



### CYLINDRICAL MOULDS

Ref. Std : IS : 516, IS : 10086-1982

These Used for making Concrete Cylinders for compressive strength Test

#### Specification

The moulds is split vertically into two parts. The mean internal diameter is within  $\pm 0.2$ mm and height is within  $\pm 1$ mm.

#### Available Size :

- 50mm dia x 100 mm ht.
- 75mm dia x 150 mm ht.
- 100mm dia x 200 mm ht.
- 150mm dia x 300 mm ht.
- 300mm dia x 600 mm ht.
- 450mm dia x 900 mm ht.
- 50mm dia x 100 mm ht.
- 75mm dia x 150 mm ht.
- 100mm dia x 200 mm ht.
- 150mm dia x 300 mm ht.
- 300mm dia x 600 mm ht.
- 450mm dia x 900 mm ht.