



Available Variants:

- 7.5 X 12.5 X 60 cm – Mild Steel
- 10 X 10 X 20 cm – Mild Steel
- 10 X 10 X 50 cm - Cast Iron
- 15 X 15 X 50 cm – Mild Steel
- 15 X 15 X 70 cm – Cast Iron
- 15 X 15 X 70 cm – Cast Iron – Heavy

Details:

- For casting concrete specimens for flexural tests.
- As per IS 10086-2021.
- Beam moulds are available in Cast Iron and Mild Steel construction.

1. Beam Mould - 10 X 10 X 50 cm - Cast Iron:

Compliance Standards:

- IS 10086-2021

Details:

- Made of Cast Iron
- Heavy Duty
- Thickness of plates: 10 mm
- Weight of mould: 20 kg approximately
- Complete with base plate.

2. Beam Mould - 15 X 15 X 70 Cm - Cast Iron:

Compliance Standards:

- IS:10086-2021

Applications:

- For casting concrete specimens for flexural tests.

Details:

- The mould is made of 4 plates assembled together.
- Each mould is supplied with base plate.
- Mould is made of CAST IRON.

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
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Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
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Phone: (079)-3520 8300
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GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F



- Weight approx. 28-30 kgs

3. Beam Mould - 10 X 10 X 20 Cm - Mild Steel

Details:

- Made of Mild Steel
- Size: 100 x 100 x 200 mm

4. Beam Mould - 15 X 15 X 70 Cm - Cast Iron - Heavy

Compliance Standards:

- IS:10086-2021

Details:

- Heavy Duty
- Size: 150 X 150 X 700 mm
- Made of cast iron
- Thickness of plates: 10 mm
- Weight of mould: 45 kg approx.
- Complete with base plate.

Internal Dimensions:

- Length: 700 mm
- Width: 150 ± 0.2 mm
- Height: 150 ± 0.05 mm
- Wall Plate Thickness: 12 mm

Base Plate Dimensions:

- Length: 830 mm
- Width: 275 mm
- Thickness: 10 mm

Angle Accuracy:

- Between interior faces and top/bottom planes: $90^\circ \pm 0.5^\circ$

Permissible Variation in Planeness:

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- Internal surfaces over 150 mm length: 0.03 mm

5. Beam Mould – 15 X 15 X 50 Cm – Mild Steel

Details:

- Dimensions: 150 x 150 x 500 mm (6" x 6" x 12")
- Fabricated from Mild Steel Material
- Powder coated in attractive shades
- Can be disassembled into individual parts for easy stripping, cleaning and storage.
- Can be assembled quickly with plated bolts, wing nuts and stainless steel U-Bolt carrying handles
- Aesthetic and Compact Design criteria
- Weight: 28-30 Kgs

Technical Specification:

- **Dimension of Base Plate:** 870 X 240 X 170 (L X W X H) mm
- **Weight (Approx.):** 30 Kg
- **Length between internal faces:** 700 mm
- **Width between internal faces:** 150 mm $\pm$ 0.2 mm
- **Height:** 150 mm $\pm$ 0.05 mm
- **Thickness of wall plate:** 12 mm
- **Variation in Planeness:** 0.03 mm max.
- **Dimension of Base Plate:** 830 mm L X 275 mm W X 10 mm thick
- **Weight (Approx.):** 45 Kg

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