



1. Available Variants

1. Marshall Mould – Standard – 4 Inch Dia
2. Marshall Mould – Modified – 6 Inch Dia

2. Common Details

Construction Details

- The mould set consists of a mould body, extension collar and base plate.

3. Variant Details

1. Marshall Mould – Standard – 4 Inch Dia

Compliance Standards: ASTM D1559, AASHTO T245, EN 12697-10, ASTM D6926, IS 17127:2019

Technical Specifications

1. Used to produce the Marshall specimens with automatic or manual compactors.
2. Manufactured from seamless steel.
3. Powder coated to prevent corrosion.
4. Mould consists of mould body, collar and base plate.
5. Size: 101.6 mm Dia x 76.2 mm Height.

2. Marshall Mould – Modified – 6 Inch Dia

Compliance Standards: ASTM D5581

The complete set consists of Marshall Mould, extension collar and base plate, conforming to the details shown in Fig. 1 of ASTM D5581.

Marshall Mould

1. Material: Steel tubing
2. Nominal Outside Diameter: 6.5" (165.1 mm)
3. Inside Diameter: 6.000 ± 0.008" (152.4 ± 0.2 mm)
4. Height: 4.5 ± 0.01" (114.3 ± 0.3 mm)
5. Wall Thickness: Approx. 0.25" (6.4 mm)

Base Plate

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F



1. Diameter: 6.5" (165.1 mm)
2. Thickness: 0.50 ± 0.01 " (12.7 $\pm$ 0.3 mm)
3. Flatness: The top surface will be true and machined flat to ensure even specimen compaction.

Extension Collar

1. Outside Diameter: 6.5 ± 0.03 " (165.1 $\pm$ 0.8 mm)
2. Inside Diameter: 6.250 ± 0.020 " (158.75 $\pm$ 0.5 mm)
3. Height: 3.25 ± 0.01 " (82.6 $\pm$ 0.3 mm)
4. Fit: Collar will fit snugly into the mould without clearance.

4. Common Specifications

Specification

Details

Mould Set Components Mould Body, Collar and Base Plate

5. Variant Specifications

1. Marshall Mould – Standard – 4 Inch Dia

Specification

Details

Size 101.6 mm Dia x 76.2 mm Height
Overall Dimensions (L x W x H) 5 x 5 x 6.5 Inches
Weight (Approx.) 3.150 Kg

2. Marshall Mould – Modified – 6 Inch Dia

Specification

Details

Nominal Outside Diameter 6.5" (165.1 mm)
Inside Diameter 6.000 ± 0.008 " (152.4 $\pm$ 0.2 mm)
Height 4.5 ± 0.01 " (114.3 $\pm$ 0.3 mm)
Wall Thickness Approx. 0.25" (6.4 mm)
Base Plate Diameter 6.5" (165.1 mm)
Base Plate Thickness 0.50 ± 0.01 " (12.7 $\pm$ 0.3 mm)
Extension Collar Outside Diameter 6.5 ± 0.03 " (165.1 $\pm$ 0.8 mm)
Extension Collar Inside Diameter 6.250 ± 0.020 " (158.75 $\pm$ 0.5 mm)
Extension Collar Height 3.25 ± 0.01 " (82.6 $\pm$ 0.3 mm)
Overall Dimensions (L x W x H) 7 x 7 x 8 Inches
Weight (Approx.) 6.150 Kg

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