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Product Name :

Cylindrical Mould

Product Code :

SLE/CE/04



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Description :

Cylindrical Mould (Product Code: SLE/CE/04) is a cast iron mould, split vertically into twohalves, used to cast cylindrical concrete specimens for strength testing in civil engineering and construction material laboratories. Five sizes run from 100 mm dia x 200 mm to 300 mm dia x600 mm, with the mean internal diameter held within ±0.2 mm and base and top plates machinedflat to ±0.03 mm. The mould is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, anOEM technical educational equipment manufacturer making lab equipment for technicalinstitutes, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Material	Cast iron
Construction	Split vertically into two parts
Sizes (dia x height)	100 x 200 mm; 150 x 150 mm; 150 x 300 mm; 160 x 320 mm; 300 x 600 mm
Mean internal diameter tolerance	Within ±0.2 mm
Height tolerance	Within ±1 mm
Ends	Machined to a ±0.05 tolerance
Base plate and top plate	Machined flat to ±0.03 mm
Product code	SLE/CE/04
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Cylindrical Mould Used For?

Where a specification calls for cylinders instead of cubes, this mould produces them. The two halves are clamped together on the base plate, the inside is lightly oiled, and fresh concrete is placed and compacted in layers before the top is finished level. Once the concrete has set, the halves are separated so the cylinder comes out without chipping its edges, ready for curing and then compression or other strength tests.

The 150 x 300 mm and 100 x 200 mm sizes give the usual height-to-diameter ratio of two, the 150 x 150 mm mould gives a short cylinder, and the large 300 x 600 mm mould suits concrete made with bigger aggregate. Keep the machined joint faces clean so the halves close tightly and the specimen stays true to size.

What to Specify When Ordering

- Size (dia x height): 100 x 200, 150 x 150, 150 x 300, 160 x 320 or 300 x 600 mm.
- Number of moulds per size, based on how many cylinders you cast per batch.
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OEM

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