

CAST IRON MOLDS

For Cubes, Beams and Cylinders



International specifications require test specimens to be cast in a number of standard sizes for compressive and flexural strength determinations. Tinius Olsen offers Cube molds, Cylindrical molds and Beam molds of various sizes as listed below.

CUBE MOLDS

Tinius Olsen's quality grade metal molds are strong enough to resist distortion and retain their shape and size under harsh conditions. These molds have the required quality surface finish and are designed so that they maintain superior alignment despite constant dismantling and re-assembly.

APPLICABLE STANDARDS

- BS 1881; EN 12390-1,-2; ASTM C 31, C192; DIN 51229

CUBE MOLDS – 2-PART

Tinius Olsen also offers a 2-part mold weighing 15.5kg. These quality grade metal molds are strong enough to resist distortion and retain their shape and size under harsh conditions.

APPLICABLE STANDARDS

- BS 1881; EN 12390-1,-2; ASTM C 31, C192; DIN 51229

BEAM MOLDS

Tinius Olsen has two standard molds for casting test specimens for flexural strength determination. These steel molds are supplied complete with a base plate.

APPLICABLE STANDARDS

- BS 1881; EN 12390-1,-2; ASTM C 31, C192; DIN 51229

CYLINDRICAL MOLDS

Tinius Olsen's longitudinally split cast iron cylindrical molds are supplied complete with a base plate and top plate.

APPLICABLE STANDARDS

- BS 1881; BS EN 12390-5: 2000; ASTM C 78-02

PACKAGING INFORMATION

- **Net weight:** 22kg; **gross weight:** 24kg

ORDERING INFORMATION

Cube molds

- **TO-343** Cast iron mold for 100mm cube
- **TO-344** Cast iron mold for 150mm cube
- **TO-344-1** Cast iron 2-part mold 150mm cube
- **TO-344-20** Cast iron mold for 200mm cube

Beam molds

- **TO-346** Cast iron mold for 100 x 100 x 500mm beam
- **TO-347** Cast iron mold for 150 x 150 x 700mm beam

Cylindrical molds

- **TO-349** Cast iron mold, split lengthwise, for 150mm diameter x 300mm high cylinder
- **TO-350** Cast iron mold, split lengthwise, for 100mm diameter x 200mm high cylinder
- **TO-351** Cast iron mold, split lengthwise, for 100mm diameter x 100mm high cylinder
- **TO-352** Cast iron mold, split lengthwise, for 150mm diameter x 150mm high cylinder
- **TO-354** Cast iron mold, split lengthwise, for 300mm diameter x 300mm high cylinder