

MODEL TO-368

Core Case Apparatus



Tinius Olsen's Core Case is for drilling concrete cores and to keep the surface clean and cool; it also allows the core drill to easily produce cores up to 100mm in diameter without use of a frame and feed.

Water is fed into the jacket and flows through a manifold, into a drill spindle and continues to the inside of the diamond core bit. The water jacket surrounding the core barrel is flanged so that it can be clamped to the surface to be drilled with the supplied clamping pliers and anchors. A rubber O-ring, fitted on this flange, seals the assembly against the concrete surface, enabling return flushing water containing the cuttings

to be hosed away from the site.

Drill feed assembly is common to all models and makes the system adaptable to all core diameters with simple conversion kits. Core Case is a portable, self-contained system, easily carried by one person in a standard briefcase.

Caution

1. Coring is not possible on concrete reinforced with steel.
2. Not to be used on M60-strength concrete because this may overload the motor and damage the drill bit.

APPLICABLE STANDARDS

- EN 12350-7; ASTM C 231, ASTM C 213

STANDARD FEATURES

- Electric drill machine
- Feed assembly
- Hammer drill bit 8mm
- Anchor bolt (one set)
- Two x rubber coupling
- 15 x fasteners
- Clamp for holding water jacket (one set)

OPTIONAL ACCESSORIES

- **TO-36801** Core bit and water jacket, 25mm diameter x 75mm long
- **TO-36802** Core bit and water jacket, 38mm diameter x 100mm long
- **TO-36803** Core bit and water jacket, 50mm diameter x 100mm long
- **TO-36804** Core bit and water jacket, 75mm diameter x 100mm long

- **TO-36805** Core bit and water jacket, 100mm diameter x 100mm long
- **TO-36810** Core bit 50mm diameter x 200mm long
- **TO-36811** Core bit 75mm diameter x 200mm long
- **TO-36812** Core bit 100mm diameter x 200mm long
- **TO-36807** Feed assembly
- **TO-36813** Hammer drill bit 8mm
- **TO-36816** Anchor bolt (one set)
- **TO-36817** Two x rubber coupling
- **TO-36820** Clamp for water jacket (one set)
- **TO-36823** 15 x fasteners

ORDERING INFORMATION

- **TO-368-01** Core case, 110V, 60Hz
- **TO-368-02** Core case, 220V, 60Hz
- **TO-368-03** Core case, 220V, 50Hz

Notes: To obtain 200mm-long core samples, 100mm-long core bits of the corresponding diameter should be used first and replaced with 200mm-long core bits in the same water jacket to advance the core length.