

## SAND CONE / REPLACEMENT TEST SET

Code : T061



- Used to determine the in-situ density of the fine grain compacted soil. The test consists of making a hole in the compacted soil layer, filling it with known-density soil sample from the container (plastic jar/sand pouring cylinder), then measuring the soil weight along with the water content
- Contains a sand cone and a base plate that has an opening designed for the cone to sit into. The set also contains a container (plastic jar/sand pouring cylinder) to be used during the test.

### STANDARDS

ASTM D1556 • AASHTO T191 • BS 1377-9 • BS 1924-2

### SET

| ASTM Set    | SAND CONE SET - Ø 6.5" | SAND CONE SET - Ø 12" |
|-------------|------------------------|-----------------------|
| Double-Cone | Cast-Aluminum (Ø 6.5") | Ø 12"                 |

Base Plate                      Cast-Aluminum

Plastic Jar

|        |                           |                           |                           |
|--------|---------------------------|---------------------------|---------------------------|
| BS Set | SAND REPLACEMENT TEST SET | SAND REPLACEMENT TEST SET | SAND REPLACEMENT TEST SET |
|        | - Ø 100 mm                | Ø 150 mm                  | - Ø 200 mm                |

|               |          |          |          |
|---------------|----------|----------|----------|
| Cone Diameter | Ø 100 mm | Ø 150 mm | Ø 200 mm |
|---------------|----------|----------|----------|

Base Plate

Sand Pouring  
Cylinder

|                          |                   |                   |                   |
|--------------------------|-------------------|-------------------|-------------------|
| Calibration<br>Container | Ø 100 mm x 150 mm | Ø 150 mm x 200 mm | Ø 200 mm x 250 mm |
|--------------------------|-------------------|-------------------|-------------------|

## ORDERING INFORMATION

| Item                                             | Code         |
|--------------------------------------------------|--------------|
| SAND CONE SET - Ø 6.5"                           | T 061 X06A H |
| SAND CONE SET - Ø 12"                            | T 061 X12A H |
| SAND REPLACEMENT TEST SET - Ø 100 mm             | T 061 X10B H |
| SAND REPLACEMENT TEST SET Ø 150 mm               | T 061 X15B H |
| SAND REPLACEMENT TEST SET - Ø 200 mm             | T 061 X20B H |
| BASE PLATE for SAND CONE SET - Ø 6.5"            | T 061 P001 H |
| CALIBRATING CONTAINER for SAND CONE SET - Ø 6.5" | T 061 P002 H |
| DOUBLE-CONE for SAND CONE SET - Ø 6.5"           | T 061 P003 H |
| PLASTIC JAR for SAND CONE SET - Ø 6.5"           | T 061 P004 H |
| BASE PLATE for SAND CONE SET - Ø 12"             | T 061 P005 H |
| DOUBLE-CONE for SAND CONE SET - Ø 12"            | T 061 P006 H |
| BASE PLATE for T-061/100                         | T 061 P007 H |

|                                     |              |
|-------------------------------------|--------------|
| CALIBRATING CONTAINER for T-061/100 | T 061 P008 H |
| SAND POURING CYLINDER for T-061/100 | T 061 P009 H |
| BASE PLATE for T-061/150            | T 061 P010 H |
| CALIBRATING CONTAINER for T-061/150 | T 061 P011 H |
| SAND POURING CYLINDER for T-061/150 | T 061 P012 H |
| BASE PLATE for T-061/200            | T 061 P013 H |
| CALIBRATING CONTAINER for T-061/200 | T 061 P014 H |
| SAND POURING CYLINDER for T-061/200 | T 061 P015 H |
| STEEL PEG                           | T 061 P016 H |
| STANDARD SAND                       | T 061 P017 H |
| TROWEL                              | G 712 X001 H |
| HAMMER - 1 kg                       | G 713 X010 H |
| HAMMER - 1.5 kg                     | G 713 X015 H |
| HAMMER - 2 kg                       | G 713 X020 H |
| HAMMER - 3 kg                       | G 713 X030 H |
| RUBBER Mallet                       | G 714 X001 H |
| DENSITY SPOON                       | G 715 X001 H |
| FLAT CHISEL                         | G 733 X001 H |
| POINT CHISEL                        | G 733 X002 H |
| DENSITY PICK                        | G 751 X001 H |