

**Sand Density Cone  
Sets**



**SOIL**

## Sand Density Cone Sets



### PRODUCT MODEL

S5050	Sand Cone Set 6.5"
S5050/02	Plastic Sand Jar 4 liter for S5050
S5060	Sand Cone Set 12"
S5060/02	Density Cylinder, 12" for S5060

### STANDARDS

Standards	ASTM D1556   AASHTO T181, T191
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### INFORMATION

Manufacturer	TESTMAK INS.LAB.MAK.SAN.VE TIC. PAZ. ITH. IHR. LTD. STI
Country of Origin	TURKEY
Product Name	Sand Cone Set

## Sand Density Cone Sets

### DESCRIPTION

The S5050 and S5060 Sand Density Cone Sets are used for the determination of the degree of compaction on site. S5050 includes double cone, plastic sand jar and metal tray with flanged hole.

Density Cylinder is used for determining in place density of compacted base courses containing large sizes of coarse aggregates.

**S5050 Sand Density Cone Sets is supplied complete with:**

- Jar, Cone ,Base Plate
- Chisel
- Spoon:
- Hammer:
- Nail:
- Straight Edge

**Jar:** Transparent (sand pouring to be visible), plastic made, capacity at least 4 liter. Have the system for fixing the cone very conveniently with it.

**Cone:** Aluminum made, light weight detachable appliance consisting of a free rotating cylindrical valve with an orifice 1/2 inch in diameter and having a small funnel to fix with the jar and a large funnel (6.5 inch internal diameter) on the other end. The valve shall have a stops to prevent rotating the valve past the completely open or completely closed positions.

**Base Plate:** Aluminum made, light weight base plate (matching with the cone) as per AASHTO. Separate number/identification mark is punched on the body of each cone and base plate along with company name.

**Chisel:** Steel made 12" long Chisel - 2 nos

**Spoon:** With each sand cone apparatus - 2 nos good quality medium size bent spoon of steel made.

**Hammer:** With each sand cone apparatus - 2 nos good quality medium size steel made hammer of wt.1.5 lb.

**Nail:** With each sand cone apparatus 10 nos. good quality L - shaped steel made nail is required. The apparatus must be very good finishing/quality.

**Straight Edge:** With each set one steel made straightedge is required of 12in X 2in (300 x 50 mm) size and 1/8 in. (3.2 mm) thickness. It have one beveled edge and at least one longitudinal surface (for final trimming).

### TECHNICAL SPECIFICATIONS

Product Code	S5050	S5060
Dimensions	300x300x550 mm	600x600x650 mm
Weight (approx.)	4.5 kg	16 kg



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