

SOIL TESTING

SOIL SAMPLING - HAND AUGERS



These augers are suitable for hand-boring in cohesive soils or sands and gravels, above the water table to a depth of 5 or 6 metres.

STANDARD:

ASTM D420, D1452 / AASHTO T86, T202 /
CNR a. VI n. 25

General description and specifications

Soil Auger Heads are constructed of heavy duty steel plates forming an open tube partly interlocking at the cutting end. Two diameters are available - 100 mm or 150 mm.

The Gravel Auger Head comprises a one piece steel casting with a spiral point and two clap plates designed to close when lifting samples from the borehole. Its diameter is 150 mm.

The auger heads is connected to Extension Rods constructed of steel tubing 1 metre long. A Handle with T-piece is attached to the uppermost extension rod.

EXTRUDERS

STANDARD:

ASTM D698, D1587, D1883, BS 598:107,
1377:4, 1924:2

For stripping the cylinder specimen of asphalt mixtures from the mold without destruction.



Specifications:

- Max.load: 125Kn
- Max.size of specimen: $\phi 152\text{mm}$
- Max travel: 175mm

MORTAR AND PESTLE

STANDARD:

BS 1377:2/ ASTM D421

The ceramic mortar & pestle are used to gently crush individual particles for chemical tests.



Specifications:

These dimensions are available:
diameter 60mm 80mm 100mm 130mm 160mm 216mm
254mm 306mm 504mm