



# CBR Test Components: Dial Indicator, Penetration Piston & Dial Indicator Bracket



## Dial Indicator

Dial indicators are designed to meet the American Gauge Design specifications for accuracy and use in field and laboratory testing applications. The dials are high-quality, low-friction type, built for a long life. They have a lug back with a 90° mounting hole, a regular contact point .25" long, and a dust cap. The dial indicator has a 1" operating range and graduated in 0.001" divisions.

## Penetration Piston

The Penetration Piston conform specifically to CBR tests and meet the requirements for ASTM, AASHTO and Army Corps of Engineers methods. The piston has a 3 square inch base area and is about 7.5" long. During a CBR test the piston penetrates the soil, while the load on the piston is compared to penetration depth determining CBR values.



## Dial Indicator Bracket

The dial indicator bracket is used to attach a dial indicator to the penetration piston.