

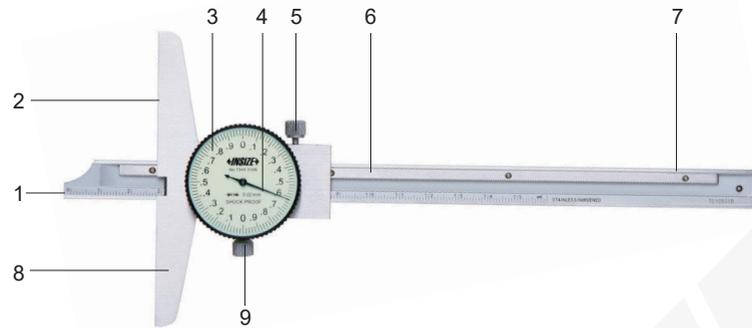


OPERATION INSTRUCTION

Dial Depth Gauge

Attention: Prevent cutting chips from getting into the gear bar during measurement, which may damage the dial indicator.

Graduation: 0.02mm
Accuracy: $\pm 0.03\text{mm}$ (Range 0-200mm)
 $\pm 0.04\text{mm}$ (Range 200-300mm)



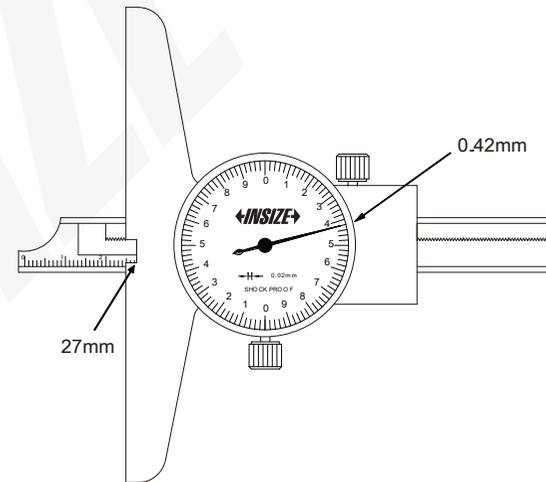
1-Measuring face
2-Base plane
3-Circular scale
4-Needle
5-Locking screw

6-Gear bar
7-Beam
8-Base
9-Bezel locking screw

1. It is necessary to set zero on the inspection plate before measuring. Clean the measuring faces and inspection plate surface with soft cloth, then put the base plane on the inspection plate, keep pressing the base. Gently pull the beam to let measuring face contact with the plate, lock the locking screw. If the needle does not point at zero, caliper needs to be zero setting. Loosen bezel locking screw and rotate bezel until needle points to zero, and tighten bezel locking screw. Then measure again. Caliper should be checked regularly to make sure that it is properly zero set.

2. Please pay attention to follow two points during measurement:
---Make sure there are no dust, cutting chips or other debris on the measuring faces and workpiece surface, otherwise, the measurement may be incorrect.
---Measuring face and base plane should be protected from being scratched or damaged. It is necessary to press the base steady and apply constant and proper force to pull the beam.

3. The reading is the sum of the main scale reading and the circle scale reading.



Main scale reading: 27 mm
Circle scale reading: 0.42mm

Reading: 27.42mm

MN-1340-E

V0