

DIMENSIONAL MEASUREMENT & CALIBRATION

Engineers' Measuring Tools

- Vernier/dial/digital callipers
- Height & depth gauges
- Micrometers
- Feeler gauges and film thickness gauges
- Rules (including retractable pocket rules), measurement tape
- Go & no-go gauges
- Skid Resistance Tester
- Dial indicators: dial gauges (plunger type) and dial test indicators



Precision Dimensional Measurement

- Jigs and fixtures
- Glass scales
- High-accuracy manufacturing products/parts

Dimensional Reference Artefacts & Standards

- Toolmakers' flats, engineers' parallels
- Gauge blocks
- Squares, angle plates, surface plates, straightedges
- Bevel protractors (angle indication; blade straightness/flatness/parallelism)
- Sine bars / sine tables (angular/geometry features)
- Levels / inclinometers (angle/tilt instruments)



Dimensional Gauges

- Plain limit gauges: plain plug gauges, ring gauges, gap gauges; setting rings; taper plug/ring gauges
- Thread gauges: parallel screw plug and ring gauges; taper screw plug and ring gauges; adjustable thread calliper gauges