

TESA Dial Gauge

The TESA dial gauge is a high-precision measuring instrument used to detect small linear displacements, primarily in inspection, alignment, and quality control tasks.

It operates using a plunger-style spindle that moves vertically when in contact with a surface, with the displacement displayed on a circular analog dial.

Available with graduations ranging from 0.01 mm to as fine as 0.001 mm, depending on the model. These gauges are commonly used for measuring flatness, parallelism, concentricity, and other dimensional deviations in mechanical components.

Key features often include shock-resistant mechanisms, anti-magnetic components, and jewelled bearings, which reduce friction and ensure long-lasting precision. The rotating bezel allows for easy zero adjustment, and the dial face is designed for clear and quick readability.

Dial gauges come in digital and analogue.

As an accredited TESA service partner, we offer a wide range of Dial Gauges to meet diverse measurement needs. If you are looking for a specific model or require further assistance, please don't hesitate to contact us.

Models and Accessories (metric and/or imperial):

- DIALTRONIC COMPACT series
- DIALTRONIC EASY series
- DIALTRONIC series (12.5mm, 25mm, 50mm, 100mm, 150mm)
- Standard models (different resolutions & measuring range)
- Model with back mounted plunger
- Hemispherical inserts
- Hemispherical measuring insert with 4 interchangeable pins
- Inserts with flat measuring face and interchangeable pins
- Ball tip inserts
- Inserts with rollers
- Inserts with flat measuring face
- Cylindrical inserts
- Insert with a flat measuring face and adjustable parallelism
- Narrow insert with adjustable parallelism
- Needle insert
- Inserts with knife blade shape
- Pointed offset inserts
- Narrow insert with offset
- Extensions
- Adapters
- Device for plunger retraction
- Mounting backs for DIALTRONIC dial gauges
- Mounting backs for analogue dial gauges
- 90 degree angular probe

