TESA Micrometers

TESA micrometers—both internal and external—are used for high-accuracy dimensional inspection in mechanical, manufacturing, and quality control applications.

- External Micrometers: Measure the outside dimensions (e.g., diameter, thickness) of parts.
- Internal Micrometers: Measure the inside diameters (e.g., bores, holes) of components.

Micrometers are precision tools used to measure small dimensions with high accuracy.
They typically measure in the range of 0–25 mm, with resolutions up to 0.001 mm in digital models.
Key features include hardened or carbide-tipped measuring faces, a ratchet or friction thimble for consistent pressure, and a locking mechanism to hold readings.
They come in analog and digital formats, with digital versions often offering data output via USB or Bluetooth.
Made from durable materials like stainless steel, some models are IP-rated for dust and coolant resistance.
Calibration is essential, ensuring measurements remain traceable and accurate.

As an accredited TESA service partner, we offer a wide range of micrometers 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 of external micrometers (metric and/or imperial):

- Vernier external micrometer
- Digital external micrometer
- Micrometer supports
- Guide collars for setting standards
- Setting standards
- Set of digital external micrometers
- Set of vernier external micrometer
- Optical flats with two parallel faces

Models and accessories of internal micrometers (metric and/or imperial):

- Digital IMICRO
- Analogue IMICRO
- Sets of analogue internal micrometers
- Extensions for internal micrometer
- Centring devices for internal micrometer
- Setting rings