

MIDLAND METROLOGY LTD

Lever Test Indicators

Vertical Dial Test Indicators (metric/imperial)



Dial test indicators—also referred to as lever DTIs or finger indicators—feature a smaller measuring range compared to standard dial indicators. Instead of retracting, the probe moves in an arc around a pivot point, measuring deflection through the lever arm. This design makes them ideal for detecting small deviations in flatness, alignment, and runout.

Key Features

- Robust construction with a hardened stainless steel body; resistant to shock and dust for reliable performance in demanding environments
- Fully jewelled movement with 7 precision jewels for smooth, long-lasting operation
- Adjustable bezel allows for quick and easy zeroing and reading from any angle
- Multiple mounting options with dovetail, top, back, and front clamp positions for flexible setup
- Compact, user-friendly design; supplied in a protective storage case for safe transport and convenient storage
- Multiple measurement modes: Data Hold, and Fast Search for maximum and minimum values (*feature availability may vary*)
- Built to withstand tough environments—shock-resistant and dust-proof
- Battery included—ready for immediate use out of the box

Product	Specification
Vertical Lever Test Indicator 0.2 × 0.002mm, Dial Dia. 32mm	Outer Ring 32mm Vertical Lever Dial Test Indicator Range & Grad.: 0.2 × 0.002mm / Dial Dia.: 32mm / Stem Dia.: 8 & 6mm Reading: 0-100-0
Vertical Lever Test Indicator 0.8 × 0.01mm, Dial Dia. 32mm	Outer Ring 32mm Vertical Lever Dial Test Indicator Range & Grad.: 0.8 × 0.01mm / Dial Dia.: 32mm / Stem Dia.: 8 & 6mm Reading: 0-40-0
Vertical Lever Test Indicator 0.008 × 0.0001in, Dial Dia. 1.26in	Outer Ring 1.26in Vertical Lever Dial Test Indicator Range & Grad.: 0.008 × 0.0001in / Dial Dia.: 1.26in / Stem Dia.: 8 & 6mm Reading: 0-4-0
Vertical Lever Test Indicator 0.03 × 0.0005in, Dial Dia. 1.26in	Outer Ring 1.26in Vertical Lever Dial Test Indicator Range & Grad.: 0.03 × 0.0005in / Dial Dia.: 1.26in / Stem Dia.: 8 & 6mm Reading: 0-15-0

Dial Lever Test Indicators (metric/imperial)



Dial test indicators—also known as lever DTIs or finger indicators—feature a smaller measuring range compared to standard dial indicators. Unlike standard models with retracting spindles, the probe on a test indicator pivots in an arc around a hinge point, measuring deflection through angular movement. This makes them ideal for detecting slight deviations in alignment, flatness, or runout with high sensitivity.

Graduation refers to the smallest division of measurement on the dial, while range indicates the total measuring span of the indicator. Bezel diameter denotes the size of the dial face, and the dial scale represents the measurement covered in a single revolution.

Dial indicators are available in single or multi-revolution formats, often equipped with a revolution counter for easier tracking. Models are offered in both imperial and metric versions to suit different measurement standards.

Contact points are interchangeable and available in a variety of profiles to accommodate diverse applications. Many of our dial indicators feature detachable lug back fittings and are constructed with a durable, satin-chromed body for improved longevity and readability.

Key Features

- Built for durability with a hardened stainless-steel body; shock- and dust-resistant for reliable performance in workshop environments
- Precision movement supported by 7 fully jewelled bearings for smooth and accurate operation
- Adjustable bezel allows for quick and easy zero-setting and clear readability
- Versatile mounting options with dovetail slots and clamping points on the top, back, and front of the body
- Compact, user-friendly design; supplied in a protective case for safe storage and easy transport

Product	Specification
Lever Test Indicator 0.2 × 0.002mm, Ring Dia. 32mm	32mm Outer Ring Diameter Lever Dial Test Indicator Range & Grad.: 0.2 × 0.002mm / Stem Dia.: 8 & 6mm Reading: 0-100-0
Lever Test Indicator 0.2 × 0.002mm, Ring Dia. 35mm	35mm Outer Ring Diameter Lever Dial Test Indicator Range & Grad.: 0.2 × 0.002mm / Stem Dia.: 8 & 6mm Reading: 0-100-0
Lever Test Indicator 0.8 × 0.01mm, Ring Dia. 32mm	32mm Outer Ring Diameter Lever Dial Test Indicator Range & Grad.: 0.8 × 0.01mm / Stem Dia.: 8 & 6mm Reading: 0-40-0
Lever Test Indicator 0.8 × 0.01mm, Ring Dia. 35mm	35mm Outer Ring Diameter Lever Dial Test Indicator Range & Grad.: 0.8 × 0.01mm / Stem Dia.: 8 & 6mm Reading: 0-40-0
Lever Test Indicator 0.8 × 0.01mm, Ring Dia. 40mm	40mm Outer Ring Diameter Lever Dial Test Indicator Range & Grad.: 0.8 × 0.01mm / Stem Dia.: 8 & 6mm Reading: 0-40-0
Lever Test Indicator 0.008 × 0.0001in, Ring Dia. 1.26in	1.26in Outer Ring Diameter Lever Dial Test Indicator Range & Grad.: 0.008 × 0.0001in / Stem Dia.: 8 & 6mm Reading: 0-4-0

Product	Specification
Lever Test Indicator 0.03 × 0.0005in, Ring Dia. 1.26in	1.26in Outer Ring Diameter Lever Dial Test Indicator Range & Grad.: 0.03 × 0.0005in / Stem Dia.: 8 & 6mm Reading: 0-15-0
Lever Test Indicator 0.03 × 0.0005in, Ring Dia. 1.38in	1.38in Outer Ring Diameter Lever Dial Test Indicator Range & Grad.: 0.03 × 0.0005in / Stem Dia.: 8 & 6mm Reading: 0-15-0
Lever Test Indicator 0.03 × 0.0005in, Ring Dia. 1.57in	1.57in Outer Ring Diameter Lever Dial Test Indicator Range & Grad.: 0.03 × 0.0005in / Stem Dia.: 8 & 6mm Reading: 0-15-0