


# **Mitutoyo 2358A-10 Dial Indicator, 0.5", 0.0001"**

The Mitutoyo 2358A-10 is a standard, ANSI/AGD type dial indicator with a 0.5" range and 0.0001" graduation. It features a lug back for mounting and is jeweled for low friction and wear resistance. Comes with a lug backplate with a measuring range of 0.5", 0.0001" graduation and 0 to 10 dial reading.



## **Key features**

- **High durability:** The stem and spindle are made of high-strength, quench-hardened stainless steel, and the rack gear is machine-ground for a tighter fit.
- **Enhanced dust and water resistance:** The frame lacks through screw-holes, and O-rings are used to seal the bezel and crystal, protecting against contamination.
- **Improved accuracy:** The enhanced rigidity of the bearing plate reduces retracing error.
- **Better visibility:** The crystal is treated with a glare-free, scratch-resistant coating.
- **Versatile mounting:** A revolutionary offset spindle bushing allows for trouble-free and longer clamping.
- **Easy adjustments:** Includes limit markers for quick and easy tolerance judgments. 

## Specifications

- Range: 0.5" (12.7 mm)
- Graduation: 0.0001" (0.002 mm)
- Range per Revolution: 0.01" (0.254 mm)
- Dial Reading: 0-10
- Accuracy:  $\pm 0.0003$ " (overall)
- Repeatability:  $\pm 0.00003$ "
- Back Type: Lug back, for secure mounting
- Stem/Shank Diameter: 3/8" (9.5 mm)
- Contact Point Thread: #4-48 UNF
- Measuring Force: 2.0 N or less
- Bearing Type: Jeweled, for wear resistance and smooth operation
- Standards: Conforms to ANSI/AGD standards

## Equipment needed

- Magnetic base: This provides a secure, adjustable platform for mounting the indicator. It uses a powerful magnet, often with an on/off switch, to grip firmly onto any ferrous surface.
- Mounting hardware: Some bases come with the necessary stud, knurled nut, and washers, while others require purchasing these separately.