



# Shockproof Dial Caliper

## Precautions

- **Maintenance & Cleaning**

Before use, thoroughly remove oil, dust and dirt from the entire surface of the dial caliper. Be sure not to damage the measuring and reference faces.

- **Zero Point Confirmation**

Before taking a measurement, clean and close the jaws and check that the dial needle points to "0" on the dial face.

- **During Use**

Properly close the caliper on the workpiece. Do not allow dirt, chips, etc., to enter the rack. Otherwise, the rack and pinion could be seriously damaged, resulting in reduced accuracy and improper zero adjustment.

## Setting Zero

- Clean both measuring faces of jaw (D) and close caliper to see if the needle points to "0" on the dial face.
- If caliper does not zero, rotate the bezel to the "0" position.
- Tighten the bezel clamp screw (B) to set the "0" position.

## Readings

- Inches (1") and tenth inch (.1") measurements can be read on the main scale.
- Thousandths (.001") may be read on the dial gage.
- One revolution equals .100"

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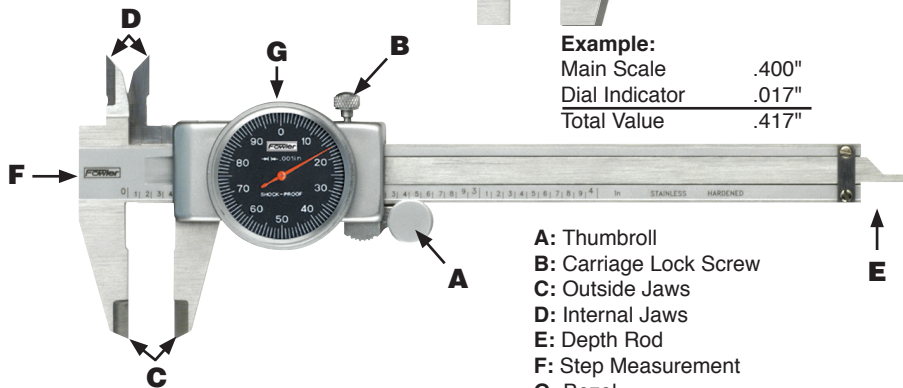
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**Example:**  
Main Scale .400"  
Dial Indicator .017"  

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Total Value .417"



- A: Thumbroll
- B: Carriage Lock Screw
- C: Outside Jaws
- D: Internal Jaws
- E: Depth Rod
- F: Step Measurement
- G: Bezel

