

Dial Caliper

TFT Tools Inc

DIAL CALIPER

The dial caliper is used to measure the inside or outside diameter of an object. Figure 1 shows a typical dial caliper.

Most dial calipers have a slide, slide lockscrew, thumb button, scale, dial with measured increments of 0.001 inch, and a bezel.

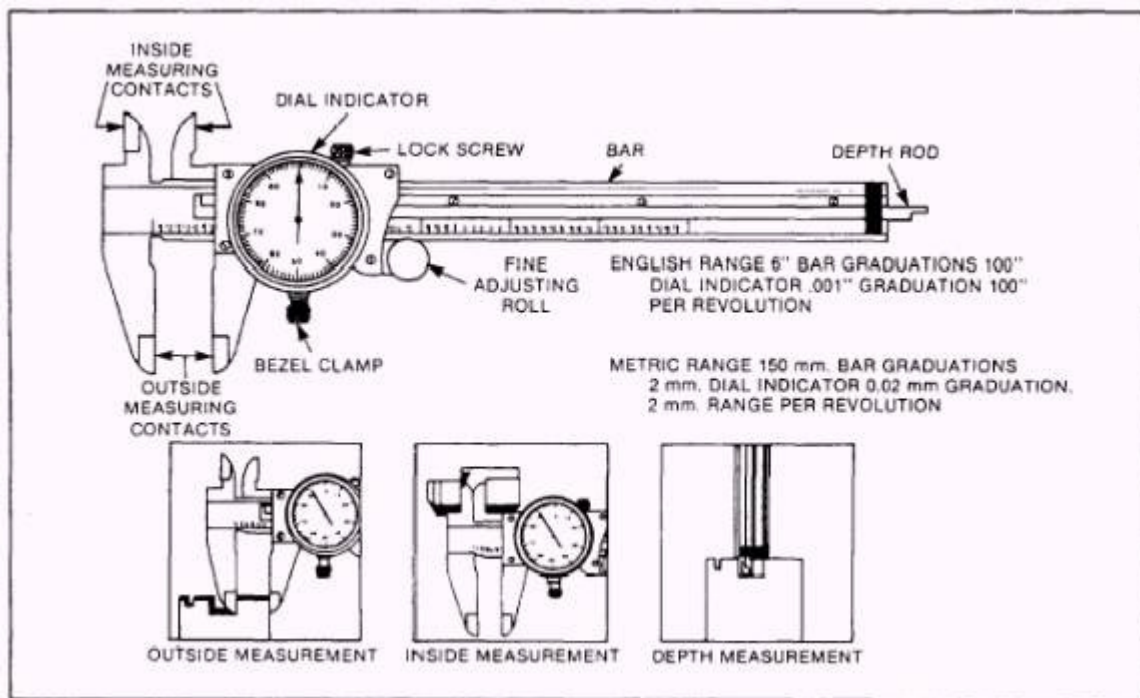


Figure 1 Typical dial caliper.

For specific instructions on how to take measurements with a dial caliper, refer to the manufacturer's instructions.

Regardless of what type of caliper you use, be sure to take the following precautions to avoid damaging the caliper:

1. Wash your hands before you handle the dial caliper to remove dirt and oils that might damage the caliper.
2. Wipe the caliper components clean both before and after you use the caliper.

3. Do NOT drop or otherwise mishandle the caliper. Doing so may damage or destroy the caliper.

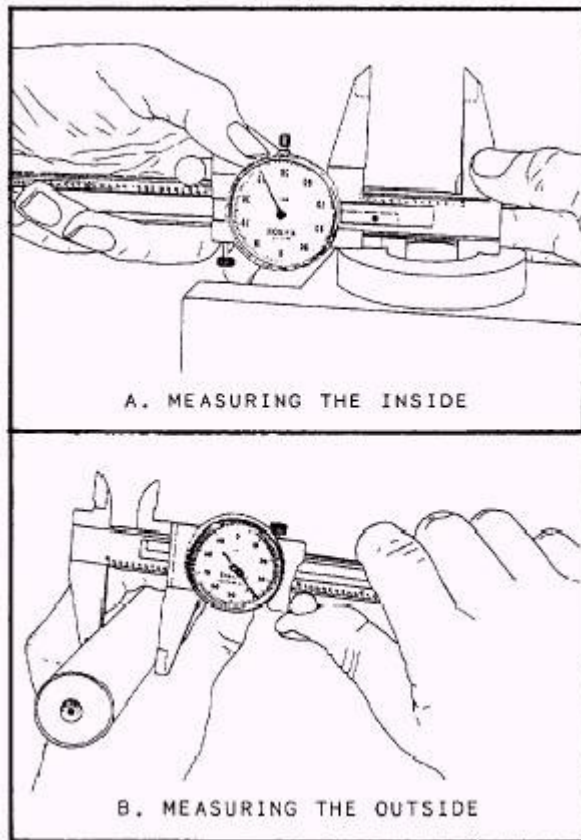


Figure 2 Measuring (A) inside and (B) outside diameters with a dial caliper.

Figure 2 illustrates the use of a dial caliper in measuring the inside and outside diameters of two different components.

The above operation also applies to vernier caliper.