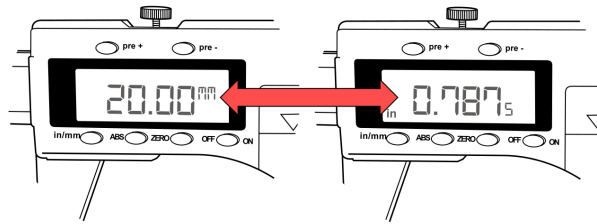


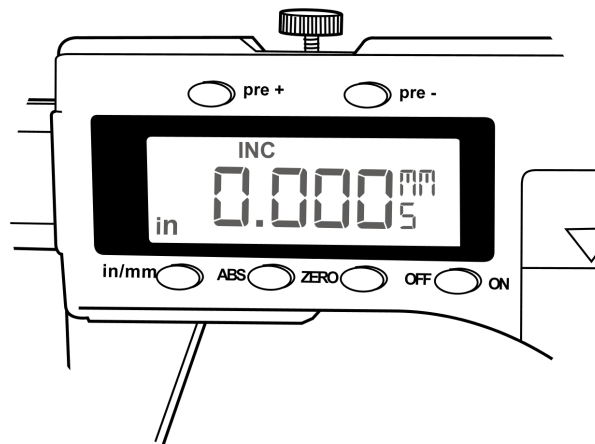
Digital Bore Measuring Caliper

Operating Instructions

Getting to know your Digital Bore Measuring Caliper

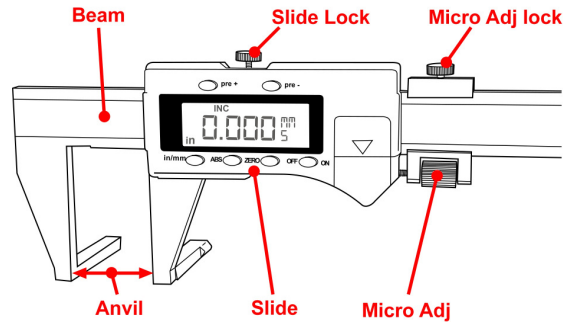


NOTE: The Digital Bore Measuring Caliper is pre-set at the factory to an ABS measurement of 20mm (0.7875). This number can be changed by holding down the ZERO button and pushing either pre- or pre+ until you reach the desired setting



- in/mm** Switches the measuring mode between Inch or Metric
- ABS** Switches the caliper between Absolute (ABS) and Incremental (INC) measurements
- ZERO** Resets the display to 20mm or 0.7875
- Pre +** Used to adjust the preset amount in positive increments
- Pre -** Used to adjust the preset amount in negative increments

TO MEASURE A BORE



- 1) Turn on the Caliper.
- 2) Set Caliper to preferred mode of measure – metric or inch.
- 3) Close the anvil completely and press ZERO.
- 4) Press the ABS button to be sure caliper is still set to factory calibration 20mm or 0.7875.
- 5) Open the anvil enough to span over your boring bar.
- 6) Position the tips of the anvil inside the bore, and continue to open further until the tips just touch the sides of the bore.
- 7) Tighten the Micro Adj Lock thumb screw.
- 8) While holding the edge of one anvil tip against the far side bore wall, and with a short smooth sweeping motion inside the bore, roll the Micro Adj thumb wheel until you close the air gap between the second anvil tip and the bore wall.

As with all precision measuring instruments, there is a certain “feel” that you must acquire when using this tool. Until you have used the Caliper enough times to be sure your “feel” of the tool is accurate and repeatable, follow steps 6) through 8) two to three times on each bore, and average your results.

TO MEASURE OVER AN OBJECT

- 1) Set Caliper to preferred mode of measure – metric or inch.
- 2) Close the anvil completely
- 3) Press "ABS" until "0.000" appears.