

Installation Instructions for 81600

Dial Bore Gauge

For 2 in. to 6 in. Bore up to 6 in. Deep

1. Set a micrometer to the size bore you will be testing
2. Set up the dial bore gauge with the extensions necessary for the bore diameter
3. Place the bore gauge between the micrometer's spindle and anvil
4. Rock the dial bore gauge back and forth and side to side in the micrometer
5. Note the minimum reading and zero the dial indicator to that reading

Helpful Tips:

- Use a vise as an aide, be sure to wrap the mic in a shop towel or use a vise with rubber pads so that you don't damage the mic. Be aware the round point on the gauge extension is going to want to slide off of the micrometer spindle.
- Slip a short piece of 1/4 in. ID hose over the micrometer spindle. Let it extend just enough to let the tip of the extension slip inside, stabilizing the whole assembly. The short piece of hose will not affect the reading of the micrometer or the dial bore gauge.
- Mount the dial bore gauge in the vise and apply the micrometer. Be sure to protect the shaft of the dial bore gauge from damage when you mount it in the vise. This technique will also work with a micrometer stand.
- A micrometer stand is designed to hold just about any type of micrometer in its rubber padded jaws. Tighten the knob so it's snug, but not too tight and the micrometer will stay put. An advantage of using the stand is that you can adjust the angle of the jaws to make it easier to see the micrometer and work with the dial bore gauge.



1-800-345-4545 *jegs.com*