



Three Point ID/OD Free Standing Bearing Gage

This is a large three point measurement Bench Fixture Gage to measure ID or OD of thin wall bearings. The gage consists of the following components.

- Large Granite Table
- Six Precision "T" slot Rails
- Three Adjustable Jet Block Assemblies
- Three Guide Blocks

The three adjustable jet blocks are designed around the use of air jet probes. Each block has an OD and a ID jet. The design includes a reference pad for the parts to sit on, guides to protect the blocks, and adjustability to allow the jet to be adjusted to the diameter of the part being measured. Gage blocks are used in conjunction with the jet blocks to accomplish the radial adjustments.

The parts to be measured are the ID of inner bearings and the OD of outer bearings. The size ranges are diameter range 500mm through 1200mm and thickness range 15mm through 90mm. The gage's accuracy is $\pm 0,008\text{mm}$.

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