

I.D./O.D. BENCH GAGE BST-1B

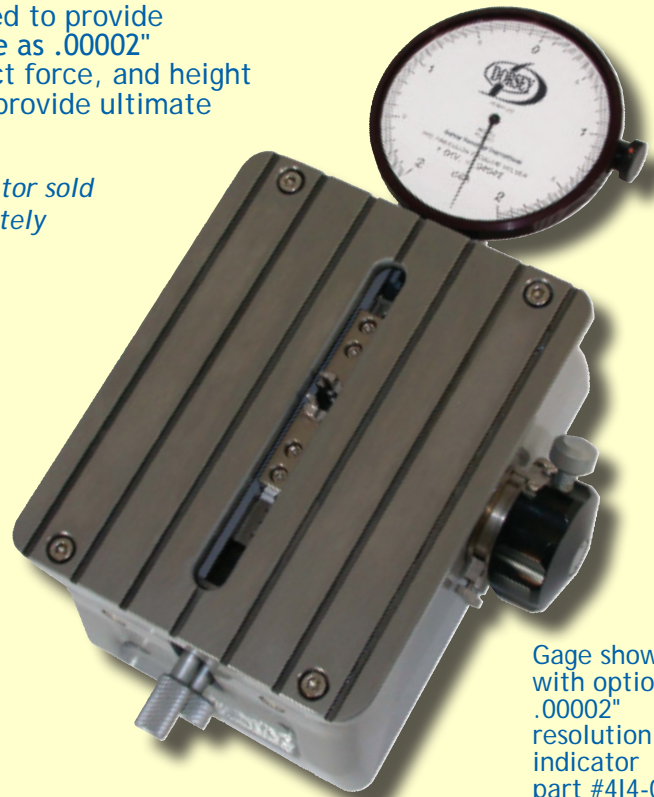
INSIDE/OUTSIDE DIAMETER MEASURING FIXTURE

This precision cast iron measuring instrument is designed to provide comparative ID/OD measurements in graduations as fine as .00002" (0.0005mm). Adjustable features such as range, contact force, and height combine with a variety of interchangeable contacts to provide ultimate versatility.

FEATURES:

- Reed spring mechanism- minimizes friction. Assures repeatability through years of service
- Portable and rugged - can be used for "on-the-spot" gaging in many shop applications
- Adjustable alignment - unique contact holder is designed to permit rapid, precise alignment of contacts for internal measurements.
- Large 7" x 5.5" (170mm x 140mm) precision ground cast iron stage plate
- Measurement range .060" - 4.5" ID, 0 - 3.5" OD
- Contact retraction .50" (12mm)
- Gaging contact travel .120" (3mm)
- Adjustable gaging pressure 2oz. to 12 oz.
- Adjustable measurement depth of .60" (15mm)
- Gage includes standard contact set part #F-050

**Indicator sold separately*

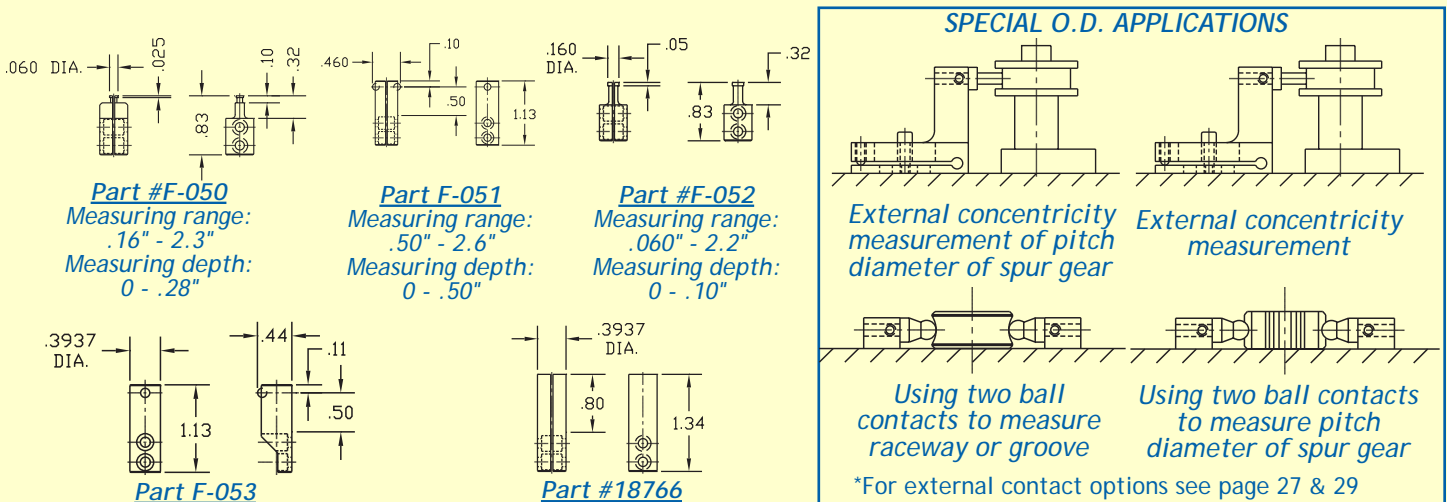


Gage shown with optional .00002" resolution dial indicator part #414-002

BST-1B

HOW THE MODEL BST-1B GAGE WORKS:

The internal gage mechanism is suspended on four reed springs located within the cast iron base. This allows vertical movement of the internal mechanism while maintaining perpendicularity of the contacts to the work stage. This pantograph action permits full .5" vertical travel of the contact points in relation to the work stage. The mechanism can be raised, lowered or stopped and locked at a desired elevation by means of an elevation knob and knob locking screw. While measuring gage contact travel may be limited by using adjustable stop screws.



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