



PRECISION GAGE & TOOL COMPANY

Radial Play Bearing Gage

The Sheffield Radial Play Gage from Precision Gage & Tool is the industry standard for checking the internal radial clearance of bearings. Two models are available for bearing bore diameters from 8mm to 200mm and from 127mm to 381mm.

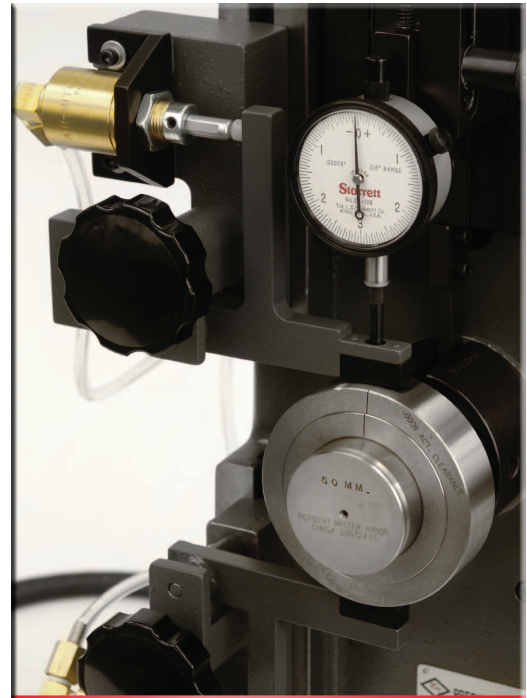
The gage is furnished with a dial indicator or a Model P-451 single input digital readout unit that utilizes an electronic gaging cartridge. Also included are a foot pedal-actuated pneumatic vibrator and air cylinders to apply the reversing load.

Operation is fast and easy. Simply place the bearing onto a properly sized arbor; a foot pedal controls upward and downward bearing load. These successive movements of the outer ring are indicated—the difference between the two readings represent the amount of radial play with the bearings in that position. Readings are direct without the use of costly masters.

Contact Precision Gage & Tool for necessary mounting arbors to suit your bearing sizes.

“Floating Snap Gage” action also assures accurate measurement. The indicator, or electronic gaging cartridge, is mounted on a ball slide, with a pressure finger extending through a slot at the top of the mounting arbor. As the bearing is placed on the arbor, a “snap gage” effect provides a positive, accurate indication of the true distance between the I.D. of the outer ring and O.D. of the inner race.

The pneumatic vibrator assures that the balls are correctly positioned in the races, and that the races are in proper relation to each other during the measuring operation: this is vital in obtaining accurate, repetitive readings.



Specifications

	Model 8-200	Model 127-381
Outer bearing diameter	11" maximum (279mm)	23" maximum (585mm)
Inner bearing diameter	8" maximum (200mm) .315" minimum (8mm)	15" maximum (381mm) 5" minimum (127mm)
Height	23" (584mm)	40" (1016mm)
Base dimensions	9" x 9" (229mm x 229mm)	18" x 24" (457mm x 610mm)



PRECISION GAGE & TOOL CO.

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