

## Connecting Rod Length Gauge

BHJ's Connecting Rod Length Gauge allows quick and precise measurement of connecting rod length. The Dial Indicator is first set to zero using an application-specific Length Standard or a connecting rod with a qualified length. The connecting rod to be measured is placed on the fixture with its wrist pin installed. The wrist pin is then swept past the dial indicator and the rod is quickly measured as a plus or minus reading from the calibrated zero setting.



The Fixture accommodates automotive connecting rods with an approximate center-to-center distance of 5" to 8" and a big-end I.D. range of 2.100" to 2.750". A precision Dial Indicator and one application-specific Length Standard are included in the Kit (specify application when ordering). Additional Length Standards are also available for most connecting rods.

Optional Undersize Pins are also offered for use with press-fit type connecting rods. The Connecting Rod Length Gauge requires 100-psi minimum air pressure for operation.

## Quick-Action Crankshaft Grinder Drive Dogs

BHJ's Crankshaft Grinder Drive Dogs are designed for use with most center-type crankshaft grinders. The precision-machined, heat-treated steel Drive Dogs are designed specifically for automotive and light truck crankshafts.



The time saving Drive Dogs have a Quick-Action Clamping feature that eliminates tightening any nuts or bolts with a wrench. Simple finger tightening of the Hand Nuts, then closing the Quick-Action Lever, locks the crankshaft securely after each indexing. Reports from satisfied users indicate time savings that will pay for a set of Drive Dogs in as little as four weeks.

The CD-1 with a diameter range of .750" to 2.250" will fit the snout of the crankshaft and the CD-2, with a diameter range of 1"375 to 3.375" will fit the flange end. Additionally, the CD-1 is designed for use on the left-hand side and the CD-2 on the right-hand side. The Drive Dogs are normally purchased as a pair, but are also available separately.

In some applications, various Drive Extensions will be necessary in order to grind certain crankshafts. The optional Drive Dog Adapter Set contains three different Drive Adapters, which bolt to the Drive Dog. The Adapters are manufactured from the same material as the Drive Dogs, heat-treated and supplied with Attachment Bolts.

## Piston Ring Gauge

BHJ's Piston Ring Gauge improves accuracy and greatly reduces the time required to set or check ring end-gaps. The Gauge is made to any specified bore size and holds the ring squarely and securely in place. The Ring Gauge may be mounted in a vise or used loose on a workbench.

Since bore distortion from a head or honing plate can extend 2" or more down into each cylinder, end gap must be measured at least 2" down the bore, or with a honing plate installed. This issue can be sidestepped by using the Piston Ring Gauge with the added bonus of preventing possible damage of your finished cylinder bore.



Each Gauge is accurately machined to size with an internal Step to square the piston ring and features a Relief that is added for clearance of a feeler gauge when taking gap measurements. The bore size is machined in the top surface of each Gauge for easy identification.