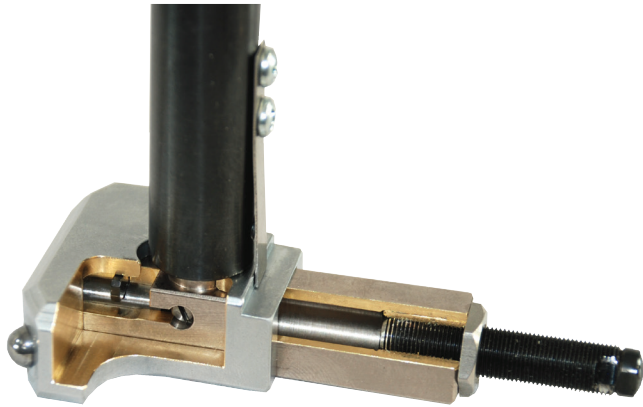


Bore gages are comparative instruments designed to check hole diameter and condition. Bore gages use the principle of two point gaging and three point centralization. The gaging contacts are diametrically opposed which allows the most accurate reading of a bore. The reference contact is constructed to allow range extensions and adapters to be added to change the measuring size of the gage without loss of accuracy or balance. During use, the gage is inserted on an angle for easy entry into the bore. The centralizer ensures locating on the true diameter. The gage is "rocked" and the indicator is observed to find the lowest measurement to obtain a true diameter reading.

Dorsey offers a variety of reference masters from specific size master rings to Dorsey's corresponding family of adjustable bore gage setmasters.

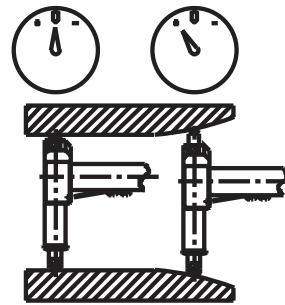
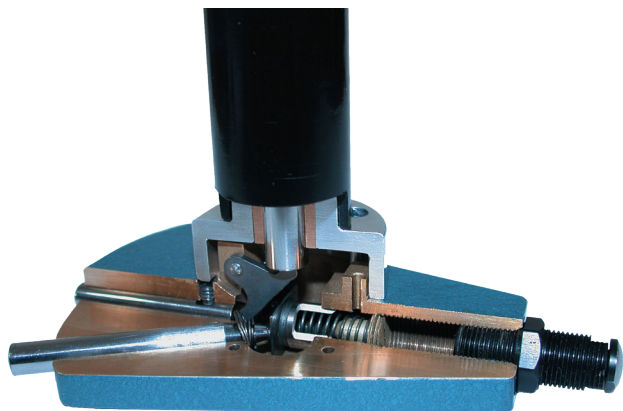
## DBL SERIES BORE GAGES

The independent dynamic centralizer secures two carbide balls on one easy to clean and compact unit.

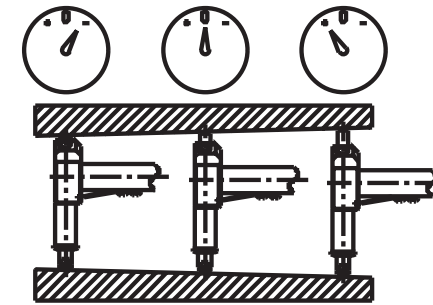


## DORSEY STANDARD BORE GAGES

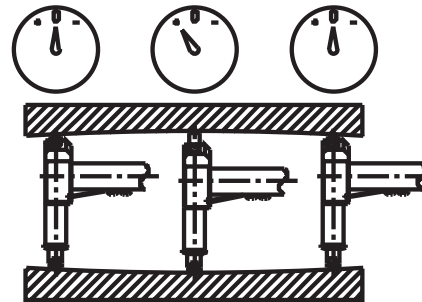
A single piece gaging head encloses both gaging pin centralizing pins in one rugged, compact, and durable unit.



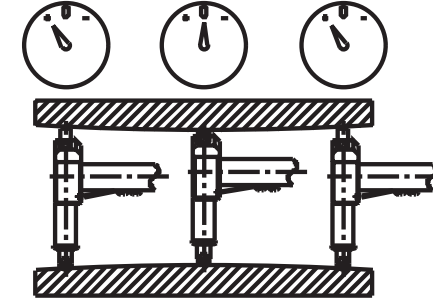
BELL MOUTH



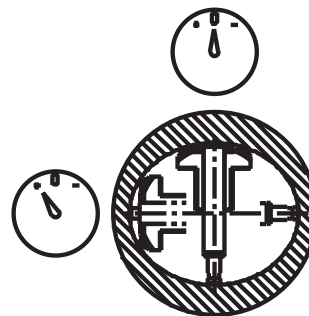
TAPER



BARREL SHAPE



HOUR GLASS



OUT OF ROUND

## “EXPLORE THE BORE”

Illustrations on this page are typical of bore conditions that can be identified while using a two point bore gage with three point centralization. The exact dimensional variations of these and other objectionable part conditions are easily detected by the dial indicator reading. A .0001" movement of the gaging pin is instantly transferred to the dial appearing visually as approximately 1/16".