

230 SERIES SPHERICAL DIAMETERS



Maximum Measuring Accuracy

Linear $\leq \pm 0.000040"$ (0.001 mm)
 Repeatability $\leq \pm 0.000010"$ (0.00025 mm)
 Gage R & R capability $\leq 10\%$ when
 measuring high accuracy parts.

Notable Features

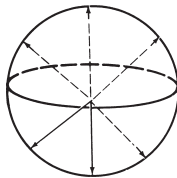
- Accuracy and range.
- 2 spring-loaded, retractable, self-centering bases align gage in part.
- Rugged 24/7 gages designed for production use.
- Customized standards. Contact Dyer with your application.

Ideal Applications

- Bearing seats of pillow block housings.
- Valve housings.
- Ball joints.
- Bearing raceways of outer rings.



Model 230-006
 Shown with dial indicator (not included with set).

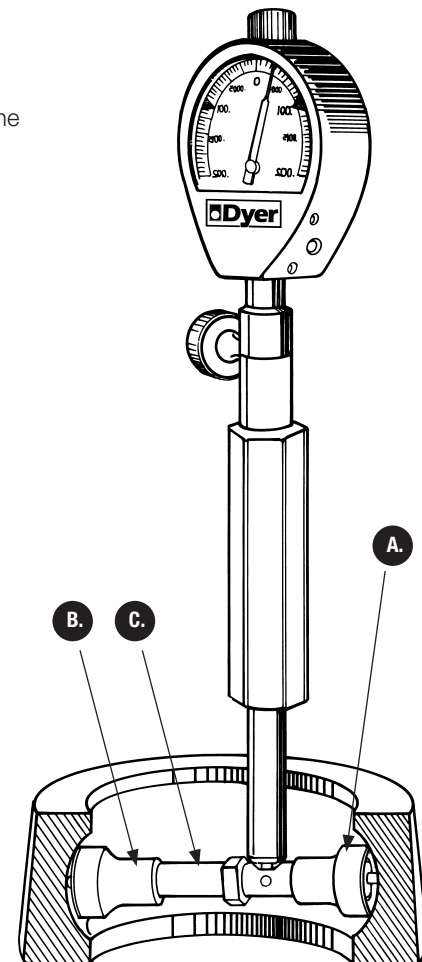


A. Permanently fixed, spring-loaded, centering plate with moveable contact which transmits the measurement to the indicator. Contains a spherical ring segment whose size is determined by the range.

B. Removable, spring-loaded centering plate with fixed contact. This base has a self-centering contact surface with a spherical radius centering base.

C. Gage includes standard interchangeable range extensions that allow the operator to measure any diameter within the specified gage measuring range.

Gage can also be ordered with one interchangeable range extension to measure a specific diameter.



230 Series Models and Specifications

Range Inch	Range mm	Measuring Depth	Order No. Complete Set*	Order No. with one Extension**
0.551-0.787	14-20	4.33"	230-001	230-101
0.787-1.378	20-35	4.33"	230-002	230-102
1.102-1.772	28-45	5.51"	230-003	230-103
1.772-4.138	45-105	7.09"	230-004	230-104
2.953-5.118	75-130	7.09"	230-005	230-105
5.118-11.024	130-280	9.06"	230-006	230-106

* Dial gage not included; choose from Dyer's selection.

** Please specify Ø when ordering.