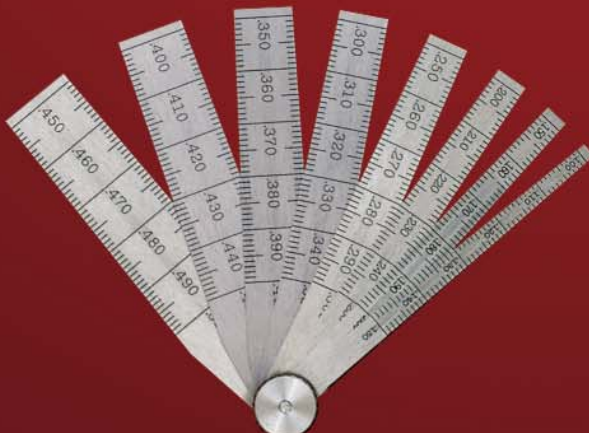
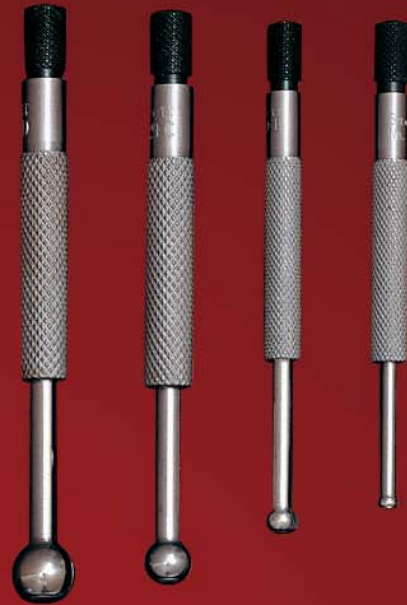




Tools in this section are used for measuring holes, slots, and recesses. They are very convenient, relatively inexpensive, and cover a wide range of sizes for a variety of applications.





Small Hole Gages

These small hole gages are well balanced tools that are ideal for accurately measuring small holes, slots, grooves, and recesses in all kinds of work. They all feature:

- ◆ Hardened-ball measuring surface with two-point contact
- ◆ Radius on each gage is less than the minimum diameter to be measured, which provides the two-point contact necessary for maximum accuracy
- ◆ Smooth, sensitive adjustment for better feel, giving more accurate measurements
- ◆ The adjustment of the gage beyond their range is restricted by a safety stop that prevents breakage

Accurate measurements are obtained by slightly “rocking” these gages in the hole to be measured. This will guarantee contact at the true diameter. The final size is then obtained by measuring over the ball contacts with a micrometer.

No. 829 Series .125-.500” (3.2-12.7mm)

These full-ball gages are used for general work.



Measuring a small hole.

Packed one in a box – individually or sets.



Left-to-right: Nos. 829A, B, C, D.



No. S829EZ set of four sizes in protective pouch.

.125-.500” (3.2-12.7mm) range

Range		Approx. Length		Catalog No.	EDP No.
Inch	mm	Inch	mm		
.125-.200”	3.2-5.1mm	2-7/8”	75mm	829A	53070
.200-.300”	5.1-7.6mm	3”	80mm	829B	53071
.300-.400”	7.6-10.2mm	3-3/8”	85mm	829C	53072
.400-.500”	10.2-12.7mm	3-1/2”	90mm	829D	53073

Set

Set of 4 in Case	S829EZ	53074
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Small Hole Gages

No. 831 Series
.125-.500" (3.2-12.7mm)

These gages are exactly the same as the No. 829 Series except that the gaging surface is a half-ball with a flat bottom. This permits use in even the most shallow holes, slots, and recesses.



No. S831EZ set of four sizes in protective pouch.



Left-to-right: Nos. 831A, B, C, D.

.125-.500" (3.2-12.7mm) range

Range		Approx. Length		Catalog No.	EDP No.
Inch	mm	Inch	mm		
.125-.200"	3.2-5.1mm	2-13/16"	70mm	831A	53083
.200-.300"	5.1-7.6mm	3-1/8"	80mm	831B	53084
.300-.400"	7.6-10.2mm	3-3/8"	85mm	831C	53085
.400-.500"	10.2-12.7mm	3-1/2"	90mm	831D	53086

Set

Description	Catalog No.	EDP No.
Set of 4 in Case	S831EZ	53087

Packed one in a box – individually or sets.



Small Hole Gages

**No. 830 Series
.125-.500" (3.2-12.7mm)**

These gages are exactly the same as the No. 831 Series except that all gages are only 2" (50mm) long, making them convenient to use in close quarters.



Measuring hole inside of coupling.



Left-to-right: Nos. 830A, B, C, D, E.



No. S830FZ set of five sizes in protective pouch.

.125-.500" (3.2-12.7mm) range

Range		Approx. Length		Catalog No.	EDP No.
Inch	mm	Inch	mm		
.125-.150"	3.2-3.8mm	2"	50mm	830A	53076
.150-.200"	3.8-5.1mm			830B	53077
.200-.300"	5.1-7.6mm			830C	53078
.300-.400"	7.6-10.2mm			830D	53079
.400-.500"	10.2-12.7mm			830E	53080

Set

Description	Catalog No.	EDP No.
Set of 5 in Case	S830FZ	53081

Packed one in a box – individually or sets.