Small Hole Gages

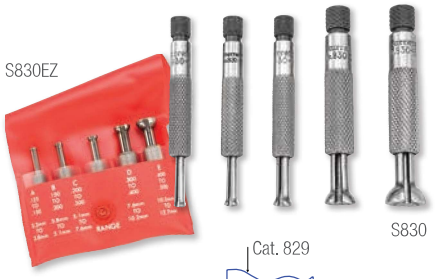
829 Small Hole Gages

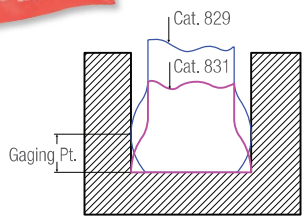
.125-.500"/3.2-12.7MM

These full-ball gages are used for general work.

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

829 Small Hole Gage Sets		
Cat. No.	EDP	Description
S829EZ	53074	Set of 4 in case





830 Small Hole Gages

.125-.500"/3.2-12.7MM

These gages are exactly the same as the 831 Small Hole Gage except that all gages are only 2" (50mm) long, making them convenient to use in close quarters.

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

830 Small Hole Gage Sets		
Cat. No.	EDP	Description
S830FZ	53081	Set of 5 in case

831 Small Hole Gages

.125-.500"/3.2-12.7MM

These gages are exactly the same as the 829 Hole Gage 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.

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

831 Small Hole Gage Sets		
Cat. No.	EDP	Description
S831EZ	53087	Set of 4 in case

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.