



HOLE GAGES, SLOT GAGES

SMALL HOLE GAGES

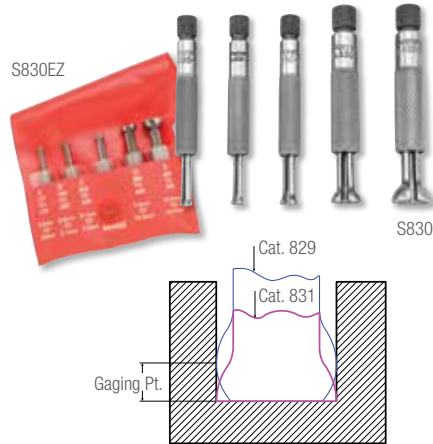
829 SMALL HOLE GAGES

.125-.500"/3.2-12.7MM

These full-ball gages are used for general work.

829 Small Hole Gages					
Cat. No.	EDP	Range		Approx. Length	
		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					
Cat. No.	EDP	Range		Approx. Length	
		in	mm	in	mm
830A	53076	.125-.150	3.2-3.8	2	50
830B	53077	.150-.200	3.8-5.1		
830C	53078	.200-.300	5.1-7.6		
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					
Cat. No.	EDP	Range		Approx. Length	
		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.



TELESCOPING GAGES

229 TELESCOPING GAGES WITH ONE TELESCOPING ARM

1/2-6"/13-150MM

- Features a handle, one rigid contact arm and one spring-tensioned telescoping contact arm

229 Telescoping Gages

Cat. No.	EDP	Range		Handle Length	
		in	mm	in	mm
229A	50923	1/2 – 3/4	13-19	2-3/8	60
229B	50924	3/4 – 1-1/4	19-32		
229C	50925	1-1/4 – 2-1/8	32-54		
229D	50926	2-1/8 – 3-1/2	54-89		
229E	50927	3-1/2 – 6	89-150	3-1/4	82

229 Telescoping Gage Sets

Cat. No.	EDP	Description
S229FZ	50928	Set of 3, 229A, B, C in case
S229GZ	50929	Set of 5, 229A, B, C, D, E in case

Handles can be individually ordered and/or ordered in larger sizes such as 8", 12" or longer, similar to 579 Telescoping Gage listing, upon request.
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TELESCOPING GAGES

Starrett telescoping gages are used for determining the true size of holes, slots, and recesses up to 6" (150mm). The ends of both contacts are hardened and ground to a radius to allow proper clearance on the smallest hole the gage will enter. These tools must be slightly "rocked" in the hole being measured to ensure that the tool is on the proper diameter before it is locked and withdrawn. The final hole size is obtained by measuring over the gage contacts with a micrometer.



TELESCOPING GAGES

579 SELF-CENTERING TELESCOPING GAGES WITH TWO TELESCOPING ARMS

5/16-6"/8-150MM

- Similar to the 229 Telescoping Gauge with a slightly greater range and two telescoping contacts
- Handles are rigidly attached to the contact plungers and are automatically self-centering
- Constant spring tension gives uniform contact pressure
- Both plungers are easily locked at any desired setting

579 Telescoping Gages

Cat. No.	EDP	Range		Handle Length	
		in	mm	in	mm
579A	52610	5/16 – 1/2	8-13	2-3/8	60
579A-8	63192			8	200
579A-12	63195			12	300
579B	52611			2-3/8	60
579B-8	63193	1/2 – 3/4	13-19	8	200
579B-12	63196			12	300
579C	52612			2-3/8	60
579C-8	63194	3/4 – 1-1/4	19-32	8	200
579C-12	63197			12	300
579D	52613			2-3/8	60
579D-8	67114	1-1/4 – 2-1/8	32-54	8	200
579D-12	63198			12	300
579E	52614			2-3/8	60
579E-8	67115	2-1/8 – 3-1/2	54-89	8	200
579E-12	63199			12	300
579F	52615			3-1/4	82
579F-8	67116	3-1/2 – 6	89-150	8	200
579F-12	63200			12	300

579 Telescoping Gage Sets

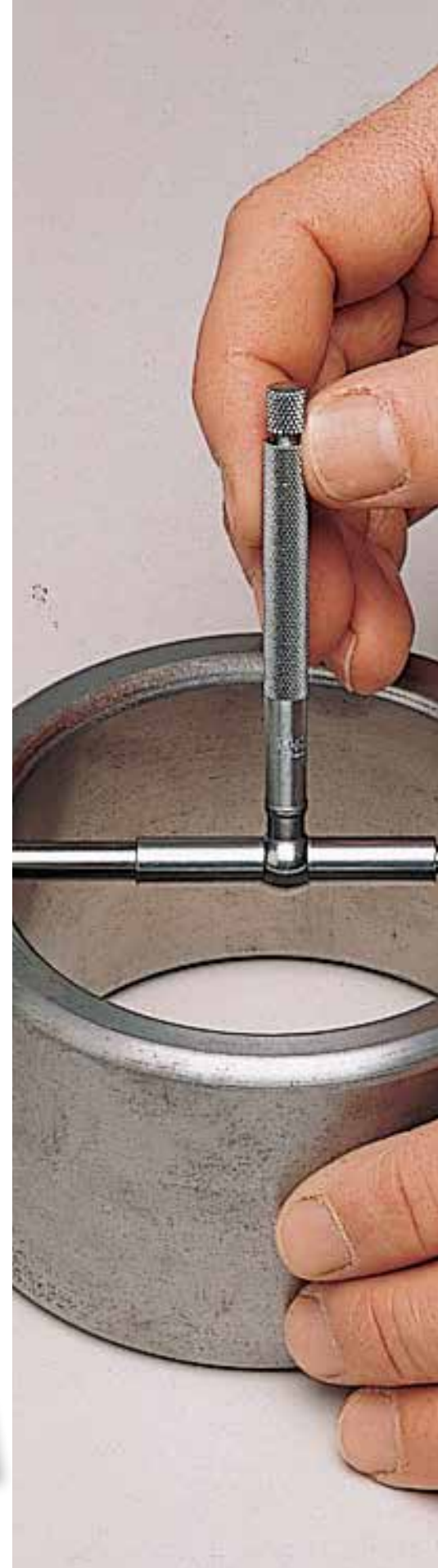
Cat. No.	EDP	Description
S579GZ	52616	Set of 4, 579A, B, C, D in case
S579HZ	52617	Set of 6, 579A, B, C, D, E, F in case

Handles can be individually ordered. Handles longer than 12" (300mm) are available on special order.



S579

S579GZ

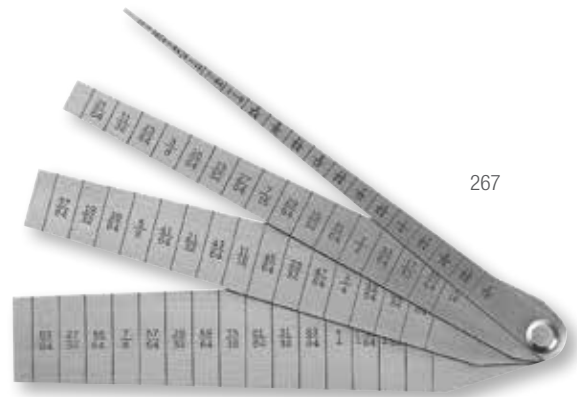


TAPER GAGES

267 TAPER GAGE

1/16 – 1-1/16"

- Specially designed for rapid, accurate checking of inside diameters of tubing
- Also very useful for general gaging of slot widths, hole sizes, setting calipers, etc.
- Thin, tapered leaves graduated to measure inside diameters or widths from 1/16" to 1-1/16" in 64ths of an inch
- Nicely finished spring-tempered steel, approximately 1" wide by 5-1/4" long

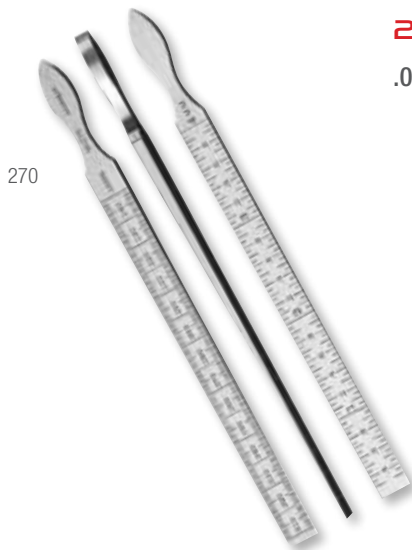


267 Taper Gage		
Cat. No.	EDP	Description
267	51286	Taper Gage, 1/16 – 1-1/16" range

270 TAPER GAGE

.010-.150"/0.3-4MM

- Very useful tool, especially for bearing work and for gaging slots
- Made of quality tool steel and accurately tapered throughout entire length for quick and convenient measuring
- 7/16" (11mm) wide by 6-1/4" (160mm) long
- Can be used as a precision shim
- One side graduated from .010" to .150" in thousandths of an inch; the reverse side from 0.3mm to 4mm in one-twentieth of a mm (0.05mm)

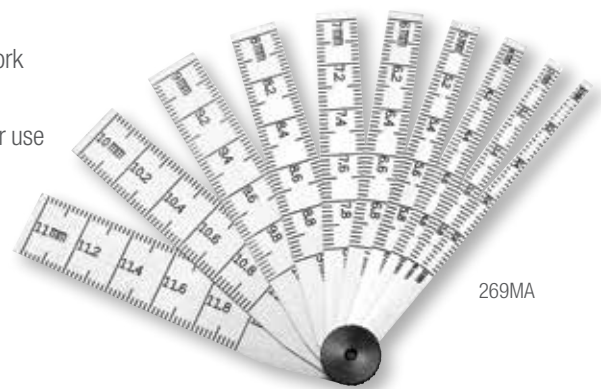


270 Taper Gage		
Cat. No.	EDP	Description
270	51292	Taper Gage, .010-.150" (0.3-4mm) range

269, 269M TAPER GAGES

.100-1"/2-25MM

- These gages are for determining hole sizes in dies and all kinds of other work
- Read in thousandths of an inch or 0.02mm
- Made of tempered steel with a locking device for fixing any leaf in position for use



269 Taper Gages - .001" Graduation				
Cat. No.	EDP	Range	Length	Leaves
269A	51290	.100-.500"	2-1/2"	8
269B	51291	.500-1"	2-3/4"	10

269M Taper Gages - 0.02mm Graduation				
Cat. No.	EDP	Range	Length	Leaves
269MA	56031	2-12mm	64mm	10
269MB	56032	12-25mm	70mm	13

TAPER GAGES

These are named "taper" gages only because of their shape. They do not measure taper, but they do measure hole and slot sizes. They are quick to use, very accurate, and are a convenient size.





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