



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.



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.



SMALL HOLE GAGES

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.

829 Small Hole Gages					
Range		Approx. Length		Cat. No.	EDP
Inch	mm	Inch	mm		
.125-.200	3.2-5.1	2-7/8	75	829A	53070
.200-.300	5.1-7.6	3	80	829B	53071
.300-.400	7.6-10.2	3-3/8	85	829C	53072
.400-.500	10.2-12.7	3-1/2	90	829D	53073
Set of 4 in Case				S829EZ	53074
831 Small Hole Gages					
.125-.200	3.2-5.1	2-13/16	70	831A	53083
.200-.300	5.1-7.6	3-1/8	80	831B	53084
.300-.400	7.6-10.2	3-3/8	85	831C	53085
.400-.500	10.2-12.7	3-1/2	90	831D	53086
Set of 4 in Case				S831EZ	53087
830 Small Hole Gages					
.125-.150	3.2-3.8	2	50	830A	53076
.150-.200	3.8-5.1			830B	53077
.200-.300	5.1-7.6			830C	53078
.300-.400	7.6-10.2			830D	53079
.400-.500	10.2-12.7			830E	53080
Set of 5 in Case				S830FZ	53081



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.



Check out our website for interactive features at starrett.com



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

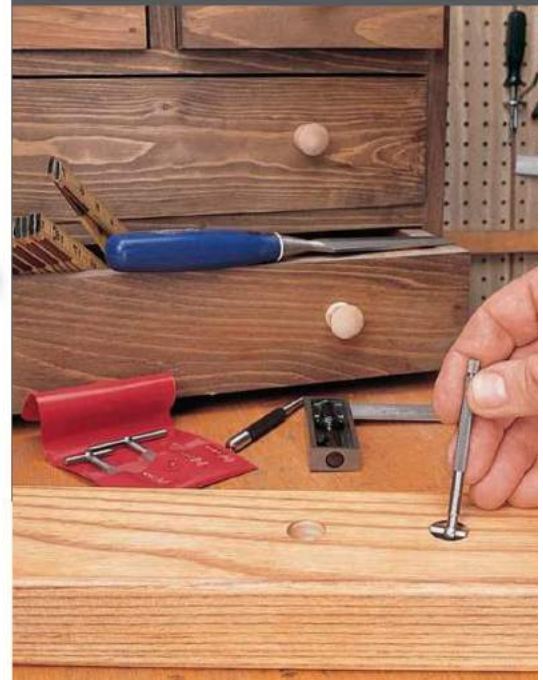
229 Telescoping Gage Sets		
Description	Cat. No.	EDP
Set of 3, 229A, B, C in Case	S229FZ	50928
Set of 5, 229A, B, C, D, E in Case	S229GZ	50929

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.



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

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

579 Telescoping Gage Sets

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

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



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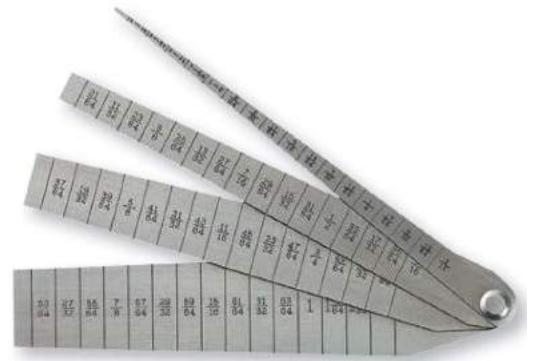


TAPER GAGES

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



270 TAPER GAGE

.010-.150"/0.3-4MM

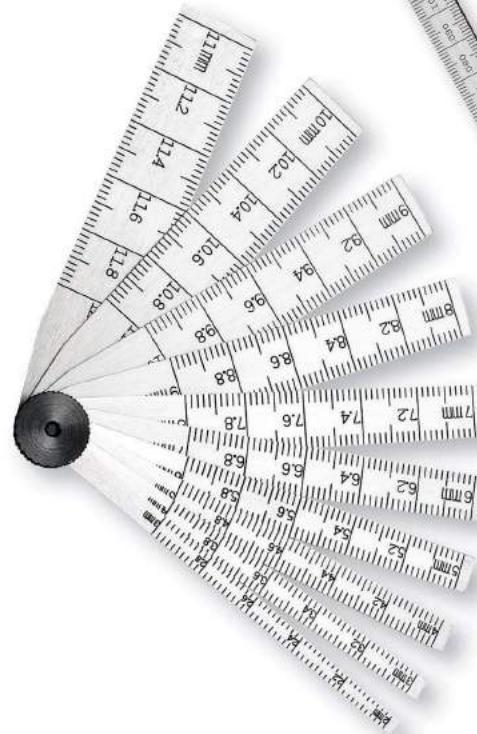
- Very useful tool, especially for bearing work and for gaging slots
- Made of quality tool steel and accurately tapered throughout entire length for quick and convenient measuring
- 7/16" (11mm) wide by 6-1/4" (160mm) long
- Can be used as a precision shim
- One side graduated from .010" to .150" in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



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



267 Taper Gage				
Description	Cat. No.	EDP		
Taper Gage, 1/16 – 1-1/16" range	267	51286		
270 Taper Gage				
Taper Gage, .010-.150"/0.3-4mm range	270	51292		
269 Taper Gages - .001" Graduation				
Range	Length	Leaves	Cat. No.	EDP
.100-.500"	2-1/2"	8	269A	51290
.500-1"	2-3/4"	10	269B	51291
269M Taper Gages - 0.02mm Graduation				
2-12mm	64mm	10	269MA	56031
12-25mm	70mm	13	269MB	56032

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.

