

RADIUS GAGES

167, 167M

1/64-1/2"/0.5-15MM

167

.010-.500

110 GAGE HOLDER

S167, S167M SETS

1/64-1/2"/0.5-15MM

SD167 SETS

.010-.500

Radii or fillets can be checked or laid out easier, faster, and more accurately with Starrett 167 Radius Gages. Available individually and in sets, fractional sizes 1/64-1/2", decimal sizes .010-.500" and in millimeters from 0.5-15mm.

Many different sets for maximum convenience. Each set is furnished in an attractive case, providing complete protection and easy, instant selection of the right gage size for the job.

GAGE FEATURES

- Made of satin finish stainless steel – rust and stain resistant
- Each gage is clearly marked with its radius
- Each gage has five different gaging surfaces for both convex and concave radii
- All gages have precision finished radii with extra smooth, accurate edges

GAGE HOLDER FEATURES

- Any gage can be used with the Starrett 110 holder which is especially useful for checking radii in confined or hard-to-reach locations
- Two slots are provided in the holder permitting gages to be held at 30° or 45°, either square in the slot or tipped to one side
- The holder is 4" (100mm) long, providing good reach and balance



Holder 110 with
167-3/16 attached

S167CHZ Radius Gage Set with 25
gages and holder in case



Gaging radii using gage with holder

FIVE DIFFERENT GAGING SURFACES – Ideal for Checking Convex and Concave Radii of All Types

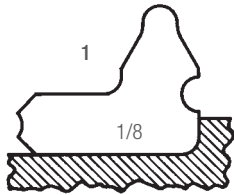


Fig 1. Checking concave (internal) radius with 90° arc. Also checks if sides are tangent to radius and 90° to each other.

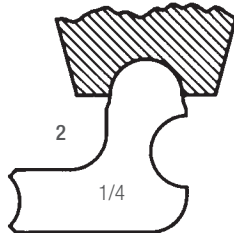


Fig 2. Checking concave (internal) radius with arc up to 180°. Also will check radius shown in Fig. 1 but not relationship of sides.



Fig 3. Checking convex (external) radius with 90° arc. Also checks if sides are tangent to radius and 90° to each other.

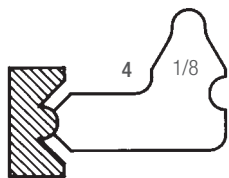


Fig 4. Checking convex (external) radius with arc of 90° or greater, or radii with sides as shown which would interfere with gage used as in Fig. 3.

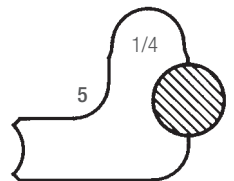


Fig 5. Checking convex (external) radius with arc of 180°; also less than 180° if sides of radius offer no interference.

S167 Radius Gage Sets – Inch

Radii Range	Increments	Gages	Description	Cat. No.	EDP
1/32-17/64"	64ths	16	Without Holder	S167AZ	50615
1/64-17/64"	64ths	17	With Holder	S167AHZ	50616
9/32-1/2"	32nds	8	Without Holder	S167BZ	50617
1/32-17/64"	64ths	24	Sets 167A and S167B Combined, without Holder	S167CZ	50618
9/32-1/2"	32nds				
1/64-17/64"	64ths	25	Sets 167AH and S167B Combined, With Holder	S167CHZ	50619
			Sets 167AH and S167B Combined, with Holder, Standard Letter of Certification*		
1/32-1/2"	32nds	16	Without Holder	S167DZ	50620

S167M Radius Gage Sets – Millimeter

1-7mm	0.5mm	13	Without Holder	S167MAZ	55817
0.5-7mm	0.5mm	14	With Holder	S167MAHZ	55818
8-15mm	1mm	8	Without Holder	S167MBZ	55819
1-7mm	0.5mm	21	Sets S167MA and S167MB Combined, without Holder	S167MCZ	55820
8-15mm	1mm				
0.5-7mm	0.5mm	22	Sets 167MB and S167MAH Combined, with Holder	S167MCHZ	55821
8-15mm	1mm				
1-15mm	1mm	15	Without Holder	S167MDZ	55822

SD167 Radius Gage Sets – Decimal-Inch

.020-.300	.020	19	Without Holder	SD167FZ	63464
.350-.500	.050		With Holder	SD167FHZ	63460
.010-.025	.005	26	Without Holder	SD167GZ	63433
.030-.100	.010				
.120-.300	.020		With Holder	SD167GHZ	63463
.350-.500	.050				
Holder Only				110	50475

* Includes redemption card for Standard Letter of Certification (SLC).

Individual Radius Gage Specifications

167 – Inch			167M – mm			167 – Decimal-Inch		
Radius	Cat. No.	EDP	Radius	Cat. No.	EDP	Radius	Cat. No.	EDP
1/64"	167-1/64	50646	0.5mm	167M-1/2	55795	.010	167-010	63434
1/32"	167-1/32	50622	1mm	167M-1	55796	.015	167-015	63435
3/64"	167-3/64	50623	1.5mm	167M-1 1/2	55797	.020	167-020	63436
1/16"	167-1/16	50624	2mm	167M-2	55798	.025	167-025	63437
5/64"	167-5/64	50625	2.5mm	167M-2 1/2	55799	.030	167-030	63438
3/32"	167-3/32	50626	3mm	167M-3	55800	.040	167-040	63439
7/64"	167-7/64	50627	3.5mm	167M-3 1/2	55801	.050	167-050	63440
1/8"	167-1/8	50628	4mm	167M-4	55802	.060	167-060	63441
9/64"	167-9/64	50629	4.5mm	167M-4 1/2	55803	.070	167-070	63442
5/32"	167-5/32	50630	5mm	167M-5	55804	.080	167-080	63443
11/64"	167-11/64	50631	5.5mm	167M-5 1/2	55805	.090	167-090	63444
3/16"	167-3/16	50632	6mm	167M-6	55806	.100	167-100	63445
13/64"	167-13/64	50633	6.5mm	167M-6 1/2	55807	.120	167-120	63446
7/32"	167-7/32	50634	7mm	167M-7	55808	.140	167-140	63447
15/64"	167-15/64	50635	8mm	167M-8	55809	.160	167-160	63448
1/4"	167-1/4	50636	9mm	167M-9	55810	.180	167-180	63449
17/64"	167-17/64	50637	10mm	167M-10	55811	.200	167-200	63450
9/32"	167-9/32	50638	11mm	167M-11	55812	.220	167-220	63451
5/16"	167-5/16	50639	12mm	167M-12	55813	.240	167-240	63452
11/32"	167-11/32	50640	13mm	167M-13	55814	.260	167-260	63453
3/8"	167-3/8	50641	14mm	167M-14	55815	.280	167-280	63454
13/32"	167-13/32	50642	15mm	167M-15	55816	.300	167-300	63455
7/16"	167-7/16	50643				.350	167-350	63456
15/32"	167-15/32	50644				.400	167-400	63457
1/2"	167-1/2	50645				.450	167-450	63458
						.500	167-500	63459

