



- Five Different Gaging Surfaces – Ideal for Checking Convex and Concave Radii of All Types

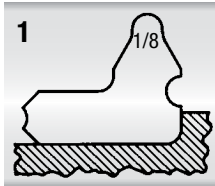


Fig 1. Checking concave (internal) radius with 90° arc. Also checks if sides are tangent to radius and 90° to each other.

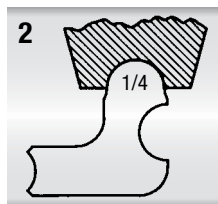


Fig 2. Checking concave (internal) radius with arc up to 180°. Also will check radius shown in Fig. 1 but not relationship of sides.

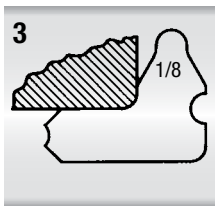


Fig 3. Checking convex (external) radius with 90° arc. Also checks if sides are tangent to radius and 90° to each other.

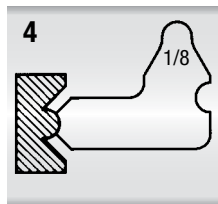


Fig 4. Checking convex (external) radius with arc of 90° or greater, or radii with sides as shown which would interfere with gage used as in Fig. 3.

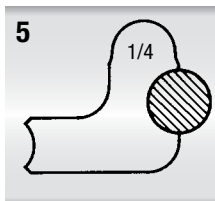


Fig 5. Checking convex (external) radius with arc of 180°; also less than 180° if sides of radius offer no interference.

### S167 Radius Gage Sets – Inch

Radii Range	Increments	Gages	Description	Catalog 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" 9/32-1/2"	64ths 32nds	24	Sets 167A and S167B Combined, Without Holder	S167CZ	50618
1/64-17/64" 9/32-1/2"	64ths 32nds	25	Sets 167AH and S167B Combined, With Holder Sets 167AH and S167B Combined, With Holder, Standard Letter of Certification*	S167CHZ S167CHZ W/SLC	50619 66876
1/32-1/2"	32nds	16	Without Holder	S167DZ	50620

### S167M Radius Gage Sets – Millimeter

Radii Range	Increments	Gages	Description	Catalog No.	EDP
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 8-15mm	0.5mm 1mm	21	Sets S167MA and S167MB Combined, Without Holder	S167MCZ	55820
0.5-7mm 8-15mm	0.5mm 1mm	22	Sets 167MB and S167MAH Combined, With Holder	S167MCHZ	55821
1-15mm	1mm	15	Without Holder	S167MDZ	55822

### SD167 Radius Gage Sets – Decimal-Inch

Radii Range	Increments	Gages	Description	Catalog No.	EDP
.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