

Conversion Table - Inches to Metric



Catalog Number	Min. shaft diameter	Max. shaft diameter	Min. shaft diameter	Max. shaft diameter	Catalog Number	Min. shaft diameter	Max. shaft diameter	SGR OD Tolerance +0/-0.001	Thickness Max
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SGR-6.9-***	0.311	0.355	7.9	9.0
SGR-8.0-***	0.356	0.395	9.1	10.0
SGR-9.0-***	0.396	0.435	10.1	11.0
SGR-10.1-***	0.436	0.480	11.1	12.2
SGR-11.2-***	0.481	0.520	12.3	13.2
SGR-12.2-***	0.521	0.560	13.3	14.2
SGR-13.2-***	0.561	0.605	14.3	15.4
SGR-14.4-***	0.606	0.645	15.5	16.4
SGR-15.4-***	0.646	0.685	16.5	17.4
SGR-16.4-***	0.686	0.730	17.5	18.5
SGR-17.6-***	0.731	0.774	18.6	19.7
SGR-18.7-***	0.775	0.815	19.8	20.7
SGR-19.7-***	0.816	0.855	20.8	21.7
SGR-20.7-***	0.856	0.895	21.8	22.7
SGR-21.7-***	0.896	0.935	22.8	23.7
SGR-22.8-***	0.936	0.980	23.8	24.9
SGR-23.9-***	0.981	1.020	25.0	25.9
SGR-24.9-***	1.021	1.060	26.0	26.9
SGR-25.9-***	1.061	1.105	27.0	28.1
SGR-27.1-***	1.106	1.145	28.2	29.1
SGR-28.1-***	1.146	1.185	29.2	30.1
SGR-29.1-***	1.186	1.230	30.2	31.2
SGR-30.3-***	1.231	1.270	31.3	32.3
SGR-31.3-***	1.271	1.310	32.4	33.3
SGR-32.3-***	1.311	1.355	33.4	34.4
SGR-33.4-***	1.356	1.395	34.5	35.4
SGR-34.4-***	1.396	1.435	35.5	36.4
SGR-35.5-***	1.436	1.480	36.5	37.6
SGR-36.6-***	1.481	1.520	37.7	38.6
SGR-37.6-***	1.521	1.560	38.7	39.6
SGR-38.6-***	1.561	1.605	39.7	40.8
SGR-39.8-***	1.606	1.645	40.9	41.8
SGR-40.8-***	1.646	1.685	41.9	42.8
SGR-41.8-***	1.686	1.730	42.9	43.9
SGR-43.0-***	1.731	1.770	44.0	45.0
SGR-44.0-***	1.771	1.810	45.1	46.0
SGR-45.0-***	1.811	1.855	46.1	47.1
SGR-46.1-***	1.856	1.895	47.2	48.1
SGR-47.1-***	1.896	1.935	48.2	49.1
SGR-48.2-***	1.936	1.980	49.2	50.3
SGR-49.3-***	1.981	2.020	50.4	51.3
SGR-50.3-***	2.021	2.060	51.4	52.3
SGR-51.3-***	2.061	2.105	52.4	53.5
SGR-52.5-***	2.106	2.145	53.6	54.5
SGR-53.5-***	2.146	2.185	54.6	55.5
SGR-54.5-***	2.186	2.230	55.6	56.6
SGR-55.7-***	2.231	2.270	56.7	57.7
SGR-56.7-***	2.271	2.310	57.8	58.7
SGR-57.7-***	2.311	2.355	58.8	59.8
SGR-58.8-***	2.356	2.395	59.9	60.8
SGR-59.8-***	2.396	2.435	60.9	61.8
SGR-60.9-***	2.436	2.480	61.9	63.0
SGR-62.0-***	2.481	2.520	63.1	64.0
SGR-63.0-***	2.521	2.560	64.1	65.0
SGR-64.0-***	2.561	2.605	65.1	66.2
SGR-65.2-***	2.606	2.645	66.3	67.2
SGR-66.2-***	2.646	2.685	67.3	68.2
SGR-67.2-***	2.686	2.730	68.3	69.3
SGR-68.4-***	2.731	2.770	69.4	70.4
SGR-69.4-***	2.771	2.810	70.5	71.4
SGR-70.4-***	2.811	2.855	71.5	72.5
SGR-71.5-***	2.856	2.895	72.6	73.5
SGR-72.5-***	2.896	2.935	73.6	74.5
SGR-73.6-***	2.936	2.980	74.6	75.7
SGR-74.7-***	2.981	3.020	75.8	76.7
SGR-75.7-***	3.021	3.060	76.8	77.7
SGR-76.7-***	3.061	3.105	77.8	78.9
SGR-77.9-***	3.106	3.145	79.0	79.9
SGR-78.9-***	3.146	3.185	80.0	80.9

SGR-79.9-***	3.186	3.230	81.0	82.0
SGR-81.1-***	3.231	3.270	82.1	83.1
SGR-82.1-***	3.271	3.310	83.2	84.1
SGR-83.1-***	3.311	3.355	84.2	85.2
SGR-84.2-***	3.356	3.395	85.3	86.2
SGR-85.2-***	3.396	3.435	86.3	87.2
SGR-86.3-***	3.436	3.480	87.3	88.4
SGR-87.4-***	3.481	3.520	88.5	89.4
SGR-88.4-***	3.521	3.560	89.5	90.4
SGR-89.4-***	3.561	3.605	90.5	91.6
SGR-90.6-***	3.606	3.645	91.7	92.6
SGR-91.6-***	3.646	3.685	92.7	93.6
SGR-92.6-***	3.686	3.730	93.7	94.7
SGR-93.8-***	3.731	3.770	94.8	95.8
SGR-94.8-***	3.771	3.810	95.9	96.8
SGR-95.8-***	3.811	3.855	96.9	97.9
SGR-96.9-***	3.856	3.895	98.0	98.9
SGR-97.9-***	3.896	3.935	99.0	99.9
SGR-99.0-***	3.936	3.980	100.0	101.1
SGR-100.1-***	3.981	4.020	101.2	102.1
SGR-101.1-***	4.021	4.060	102.2	103.1
SGR-102.1-***	4.061	4.105	103.2	104.3
SGR-103.3-***	4.106	4.145	104.4	105.3
SGR-104.3-***	4.146	4.185	105.4	106.3
SGR-105.3-***	4.186	4.230	106.4	107.4
SGR-106.5-***	4.231	4.270	107.5	108.5
SGR-107.5-***	4.271	4.310	108.6	109.5
SGR-108.5-***	4.311	4.355	109.6	110.6
SGR-109.6-***	4.356	4.395	110.7	111.6
SGR-110.6-***	4.396	4.435	111.7	112.6
SGR-111.7-***	4.436	4.480	112.7	113.8
SGR-112.8-***	4.481	4.520	113.9	114.8
SGR-113.8-***	4.521	4.560	114.9	115.8
SGR-114.8-***	4.561	4.605	115.9	117.0
SGR-116.0-***	4.606	4.645	117.1	118.0
SGR-117.0-***	4.646	4.685	118.1	119.0
SGR-118.0-***	4.686	4.730	119.1	120.1
SGR-119.2-***	4.731	4.770	120.2	121.2
SGR-120.2-***	4.771	4.810	121.3	122.2
SGR-121.2-***	4.811	4.855	122.3	123.3
SGR-122.3-***	4.856	4.895	123.4	124.3
SGR-123.3-***	4.896	4.935	124.4	125.3
SGR-124.4-***	4.936	4.980	125.4	126.5
SGR-125.5-***	4.981	5.020	126.6	127.5
SGR-126.5-***	5.021	5.060	127.6	128.5
SGR-127.5-***	5.061	5.105	128.6	129.7
SGR-128.7-***	5.106	5.145	129.8	130.7
SGR-129.7-***	5.146	5.185	130.8	131.7
SGR-130.7-***	5.186	5.230	131.8	132.8
SGR-131.9-***	5.231	5.270	132.9	133.9
SGR-132.9-***	5.271	5.310	134.0	134.9
SGR-133.9-***	5.311	5.355	135.0	136.0
SGR-135.0-***	5.356	5.395	136.1	137.0
SGR-136.0-***	5.396	5.435	137.1	138.0
SGR-137.1-***	5.436	5.480	138.1	139.2
SGR-138.2-***	5.481	5.520	139.3	140.2
SGR-139.2-***	5.521	5.560	140.3	141.2
SGR-140.2-***	5.561	5.605	141.3	142.4
SGR-141.4-***	5.606	5.645	142.5	143.4
SGR-142.4-***	5.646	5.685	143.5	144.4
SGR-143.4-***	5.686	5.730	144.5	145.5
SGR-144.6-***	5.731	5.770	145.6	146.6
SGR-145.6-***	5.771	5.810	146.7	147.6
SGR-146.6-***	5.811	5.855	147.7	148.7
SGR-147.7-***	5.856	5.895	148.8	149.7
SGR-148.7-***	5.896	5.935	149.8	150.7
SGR-149.8-***	5.936	5.980	150.8	151.9
SGR-150.9-***	5.981	6.020	152.0	152.9

*** PN suffix differs depending on mounting option

Fraction, Decimal and Millimeter Equivalents

Fraction	Decimal	mm
1/64	.0156	0.396
1/32	.0312	0.793
3/64	.0468	1.190
1/16	.0625	1.587
5/64	.0781	1.984
3/32	.0937	2.381
7/64	.1093	2.778
1/8	.1250	3.175
9/64	.1406	3.571
5/32	.1562	3.968
11/64	.1718	4.365
3/16	.1875	4.762
13/64	.2031	5.159
7/32	.2187	5.556
15/64	.2343	5.953
1/4	.2500	6.350
17/64	.2656	6.746
9/32	.2812	7.143
19/64	.2968	7.540
5/16	.3125	7.937
21/64	.3281	8.334
11/32	.3437	8.731
23/64	.3593	9.128
3/8	.3750	9.525
25/64	.3906	9.921
13/32	.4062	10.318
27/64	.4218	10.715
7/16	.4375	11.112
29/64	.4531	11.509
15/32	.4687	11.906
31/64	.4843	12.303
1/2	.5000	12.700
33/64	.5156	13.096
17/32	.5312	13.493
35/64	.5468	13.890
9/16	.5625	14.287
37/64	.5781	14.684
19/32	.5937	15.081
39/64	.6093	15.478
5/8	.6250	15.875
41/64	.6406	16.271
21/32	.6562	16.668
43/64	.6718	17.065
11/16	.6875	17.462
45/64	.7031	17.859
23/32	.7187	18.256
47/64	.7343	18.653
3/4	.7500	19.050
49/64	.7656	19.446
25/32	.7812	19.843
51/64	.7968	20.240
13/16	.8125	20.637
53/64	.8281	21.034
27/32	.8437	21.431
55/64	.8593	21.828
7/8	.8750	22.225
57/64	.8906	22.621
29/32	.9062	23.018
59/64	.9218	23.415
15/16	.9375	23.812
61/64	.9531	24.209
31/32	.9687	24.606
63/64	.9843	25.003
1	1.0000	25.400